

**Call: HORIZON-WIDERA-2021-ACCESS-05**

(European Excellence Initiative (EEI): Strengthening capacity for excellence in higher education institutions and surrounding ecosystems)

**Topic: HORIZON-WIDERA-2021-ACCESS-05-01**

**Type of Action: HORIZON-CSA**

**Proposal number: 101071321**

**Proposal acronym: BI4E**

**Type of Model Grant Agreement: HORIZON Action Grant Budget-Based**

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# Administrative forms

Proposal ID **101071321**

Acronym **BI4E**

## 1 - General information

Fields marked \* are mandatory to fill.

Topic	HORIZON-WIDERA-2021-ACCESS-05-01	Type of Action	HORIZON-CSA
Call	HORIZON-WIDERA-2021-ACCESS-05	Type of Model Grant Agreement	HORIZON-AG

Acronym **BI4E**

Proposal title **BOOSTING INGENIUM FOR EXCELLENCE**

Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &

Duration in months **36**

Free keywords *Strategic planning, institutional transformation, cooperation in research, knowledge transfer, talent attraction, entrepreneurship*

Please select between 3 and 6 descriptors that best characterise the subject of your proposal, in descending order of relevance. Note that descriptors will be used to support REA services in identifying the best qualified evaluators for your proposal.

Descriptor 1 **Discipline:** Social sciences  
**Subdiscipline:** Economics and Business  
**Descriptor:** Competitiveness, innovation, research and development

Descriptor 2 **Discipline:** Social sciences  
**Subdiscipline:** Economics and Business  
**Descriptor:** Entrepreneurship

Descriptor 3 **Discipline:** Social sciences  
**Subdiscipline:** Economics and Business  
**Descriptor:** Human resource management

Descriptor 4 **Discipline:** Social sciences  
**Subdiscipline:** Economics and Business  
**Descriptor:** Research management

## Administrative forms

Proposal ID **101071321**

Acronym **BI4E**

### Abstract \*

The BI4E project is born out from the IngEniUm Alliance of European Universities with the ambition of enhancing the existing inter-university cooperation between the partner Universities, as well as with other entities (both international and local), and to strengthen the Higher Education Institutions (HEIs) capacity to meet the diverse challenges faced by the Higher Education System and Institutions: the twin green and digital transition, the fight against climate change, the achievement of the Agenda 2030 SDGs, all of them profound societal challenges the Universities must be ready to address. The BI4E project intends to give a boost to the Alliance, making it an effective instrument to promote excellence in the partner HEIs, particularly targeted to the alliance members in the widening countries, the Gheorghe Asachi Technical University of Iasi and the Medical University – Sofia, and involving leading HEIs from six different Member States.

This BI4E project is particularly focusing on the research and innovation missions, completing the strategic and operational capacities of the partners, especially those from the widening countries.

BI4E activities will directly touch six out of the seven “transformation modules” proposed by the Policy Report ‘Towards a 2030 Vision on the Future of Universities in Europe’.

The project will improve HEI capacity to address major challenges, through the implementation of strategic planning adapted to their needs, institutional transformation, cooperation in terms of research, fostering entrepreneurship and the promotion of international scientific careers. The project will help to build closer cooperation links between the partners that will facilitate the exchange of information, knowledge and experience. At the end of the project the Alliance will be much more prepared to become a fully operational European University Alliance, in which cooperation in education and research will be carried out seamlessly.

Remaining characters

22

Has this proposal (or a very similar one) been submitted in the past 2 years in response to a call for proposals under any EU programme, including the current call?

☐ Yes ☒ No

Please give the proposal reference or contract number.

# Administrative forms

Proposal ID **101071321**

Acronym **BI4E**

## Declarations

Field(s) marked \* are mandatory to fill.

1) We declare to have the explicit consent of all applicants on their participation and on the content of this proposal. \* ☒

2) We confirm that the information contained in this proposal is correct and complete and that none of the project activities have started before the proposal was submitted (unless explicitly authorised in the call conditions). ☒

3) We declare:

- to be fully compliant with the eligibility criteria set out in the call
- not to be subject to any exclusion grounds under the [EU Financial Regulation 2018/1046](#)
- to have the financial and operational capacity to carry out the proposed project.

☒

4) We acknowledge that all communication will be made through the Funding & Tenders Portal electronic exchange system and that access and use of this system is subject to the [Funding & Tenders Portal Terms and Conditions](#). ☒

5) We have read, understood and accepted the [Funding & Tenders Portal Terms & Conditions](#) and [Privacy Statement](#) that set out the conditions of use of the Portal and the scope, purposes, retention periods, etc. for the processing of personal data of all data subjects whose data we communicate for the purpose of the application, evaluation, award and subsequent management of our grant, prizes and contracts (including financial transactions and audits). ☒

6) We declare that the proposal complies with ethical principles (including the highest standards of research integrity as set out in the [ALLEA European Code of Conduct for Research Integrity](#), as well as applicable international and national law, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights and its Supplementary Protocols. [Appropriate procedures, policies and structures](#) are in place to foster responsible research practices, to prevent questionable research practices and research misconduct, and to handle allegations of breaches of the principles and standards in the Code of Conduct. ☒

7) We declare that the proposal has an exclusive focus on civil applications (activities intended to be used in military application or aiming to serve military purposes cannot be funded). If the project involves dual-use items in the sense of [Regulation 428/2009](#), or other items for which authorisation is required, we confirm that we will comply with the applicable regulatory framework (e.g. obtain export/import licences before these items are used). ☒

8) We confirm that the activities proposed do not

- aim at human cloning for reproductive purposes;
- intend to modify the genetic heritage of human beings which could make such changes heritable (with the exception of research relating to cancer treatment of the gonads, which may be financed), or
- intend to create human embryos solely for the purpose of research or for the purpose of stem cell procurement, including by means of somatic cell nuclear transfer.
- lead to the destruction of human embryos (for example, for obtaining stem cells)

These activities are excluded from funding. ☒

9) We confirm that for activities carried out outside the Union, the same activities would have been allowed in at least one EU Member State. ☒

The coordinator is only responsible for the information relating to their own organisation. Each applicant remains responsible for the information declared for their organisation. If the proposal is retained for EU funding, they will all be required to sign a declaration of honour.

**False statements** or incorrect information may lead to administrative sanctions under the EU Financial Regulation.

## Administrative forms

Proposal ID **101071321**

Acronym **BI4E**

## 2 - Participants

### List of participating organisations

#	Participating Organisation Legal Name	Country	Action
1	UNIVERSITATEA TEHNICA GHEORGHE ASACHI DIN IASI	Romania	
2	UNIVERSIDAD DE OVIEDO	ES	
3	HOCHSCHULE KARLSRUHE	DE	
4	UNIVERSITA DEGLI STUDI GABRIELE D'ANNUNZIO DI CHIETI-PESCARA	IT	
5	MEDICAL UNIVERSITY SOFIA	BG	
6	UNIVERSITE DE ROUEN NORMANDIE	FR	
7	MUNSTER TECHNOLOGICAL UNIVERSITY	IE	
8	HOGSKOLAN I SKOVDE	SE	
9	AGENTIA PENTRU DEZVOLTARE REGIONALANORD-EST	RO	
10	TEHNOPOLIS SRL	RO	
11	SC INTELECTRO IASI SRL	RO	
12	INSTITUTO DE DESARROLLO ECONOMICO DEL PRINCIPADO DE ASTURIAS	ES	
13	COMPANIA PARA LA GESTION DE RESIDUOS SOLIDOS EN ASTURIAS SA	ES	
14	UNIVERSITY OF MEDICINE - PLEVEN	BG	
15	MEDITCINSKY UNIVERSITET-PLOVDIV	BG	
16	Medical University Of Varna	Bulgaria	
17	CENTRE HOSPITALIER UNIVERSITAIRE DE ROUEN	France	
18	INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE ROUEN	France	
19	IT@CORK ASSOCIATION LIMITED	Ireland	
20	CIT INNOVATION CENTRE LIMITED	Ireland	

## Organisation data

PIC	Legal name
999853303	UNIVERSITATEA TEHNICA GHEORGHE ASACHI DIN IASI

Short name: TECHNICAL UNIVERSITY OF IASI

### Address

Street	B DUL DIMITRU MANGERON 67
Town	IASI
Postcode	700050
Country	Romania
Webpage	<a href="http://www.tuiasi.ro">http://www.tuiasi.ro</a>

### Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	yes

### SME Data

Based on the below details from the Participant Registry the organisation is **not** an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	03/03/2014 - no
SME self-assessment .....	03/03/2014 - no
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

Vice-rectorate for Research, Development and Innovation

☐ not applicable

☒ Same as proposing organisation's address

Street

B DUL DIMITRU MANGERON 67

Town

IASI

Postcode

700050

Country

Romania

Links with other participants

Type of link	Participant

## Administrative forms

### Main contact person

This will be the person the EU services will contact concerning this proposal (e.g. for additional information, invitation to hearings, sending of evaluation results, convocation to start grant preparation). The data in blue is read-only. Details (name, first name and e-mail) of Main Contact persons should be edited in the step "Participants" of the submission wizard.

Title Prof.

Gender ☒ Woman ☐ Man ☐ Non Binary

First name\* **Irina**

Last name\* **Lungu**

E-Mail\* **irina.lungu@academic.tuiasi.ro**

Position in org. Vice-rector for International Relations

Department Vice-rectorate for International Relations

☐ Same as organisation name

☒ Same as proposing organisation's address

Street B DUL DIMITRU MANGERON 67

Town IASI

Post code 700050

Country Romania

Website www.tuiasi.ro

Phone +40723278278

Phone 2 +40232702479



## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Prof	Maria Carmen	Loghin	Woman	Romania	bi4eromania@gmail.com	Category A Top grade	Leading	N-4821-2019	Researcher ID
Prof	Romeo Cristian	Ciobanu	Man	Romania	bi4eromania@gmail.com	Category A Top grade	Team member	0000-0002-8017-8620	Orcid ID
Prof	Alina Adriana	Minea	Woman	Romania	bi4eromania@gmail.com	Category A Top grade	Team member	C-7307-2009	Researcher ID
Dr	Nicolae	Lucanu	Man	Romania	bi4eromania@gmail.com	Category A Top grade	Team member	B-3674-2018	Researcher ID
Dr	Simona	Caraiman	Woman	Romania	bi4eromania@gmail.com	Category A Top grade	Team member	AAO-7321-2021	Researcher ID
Dr	Iancu Bogdan	Teodoru	Man	Romania	bi4eromania@gmail.com	Category B Senior	Team member	0000-0001-8298-9374	Orcid ID

## Administrative forms

### Role of participating organisation in the project

Project management	<input checked="" type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)
Service	<i>ACCESS2020 Support Centre for Development and Implementation of R&amp;D Projects with International Funding in the Field of New and Emerging Technologies is the main result of the implementation by TUIASI of the project of the same name co-financed by the Competitiveness Operational Program 2014-2020. It provides professional support to TUIASI researchers as well as to RDI organizations, enterprises and innovative SMEs in the North-East Region of Romania to successfully participate in European and int</i>
Service	<i>Technological Transfer Centre POLYTECH has the mission to promote, capitalize on the intellectual property of TUIASI and introduce research results in the economic circuit, transfer of technologies and knowledge to increase the competitiveness and innovation potential of companies operating in the field of smart specializations. The main services provided by CTT POLYTECH are direct assistance granted to SMEs to identify their needs for knowledge and technology transfer and innovation.</i>
Other achievement	<i>"TUIASI pHd completion training" 2021 (<a href="http://www.doctorat.tuiasi.ro/Htm/Evenimente.htm">www.doctorat.tuiasi.ro/Htm/Evenimente.htm</a>) - Webinars offered as a complex yearly event, comprised of 5 talks followed by discussions of international experts:</i> <ul style="list-style-type: none"> <li><i>How to Publish Your Research in Journals</i></li> <li><i>Mindful productivity: How to do your PhD faster and better</i></li> <li><i>Project Managing of the experimental work</i></li> <li><i>An Introduction to Being an Effective Researcher</i></li> <li><i>Creative Approaches to Writing Your Thesis</i></li> </ul>
Other achievement	<i>Within BrainTwin (H2020-WIDESPREAD-2020-5, GA 952378) project, workshops relevant to this proposal are the following:</i> <ul style="list-style-type: none"> <li><i>Capacity Building Workshop (2021, January, 26th-28th), where 91 participants from 12 universities, representing 23 research team met together to exchange research interests and identify mutual interest topics.</i></li> <li><i>Proposal Writing Workshop (2020, November, 25th &amp; 2021, April, 13th), where members of consortium teams met to share their skills in writing grant proposals with the</i></li> </ul>
Other achievement	<i>TUIASI is a member of the regional clusters: Imago-Mol (the only medical imaging cluster in Romania and European Union), Astrico NE (addressing sustainable development of the T&amp;C industry of the North-Eastern Romania) and EURONESCT ICT HUB (a regional innovative cluster that brings together various actors in the field of ICT across the region with the goal of fostering new and sustainable business opportunities through collaborative research, development and innovation projects).</i>

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>BrainTwin (H2020-WIDESPREAD-2020-5, GA 952378)</i>	<i>It aims to form the basis for a significant strengthening of Neuroengineering in TUIASI by establishing a European centre for excellence in this field. To achieve its objectives, BrainTwin enables an exchange of knowledge and experience between TUIASI and leading international partners in Germany, Spain and Austria, through a comprehensive set of twinning and dissemination measures and activities targeting Neuroengineering stakeholders from academia, the policy making sector and industry.</i>
<i>SMILE - Social Meaningful Impact through LLL</i>	<i>The project aims to achieve inclusive higher education, focusing specifically on ethnicity, women in leadership and socio-economic background divergences when evaluating the way to boost inclusiveness. The main project outcomes will be a diversity audit template that can be used by higher education institutions' management, three continuous professional development courses for higher education institutions' staff members and an action plan based on policy recommendations for institutional leader</i>

## Administrative forms

<i>CROSSCOMP</i>	<i>It proposes an integrated approach (the Cross-Border Hub of Competences for the Automotive Industry) to meet the rising demand of increasing the attractiveness and practical dimension of educational offers of the three technical universities from the cross-border area in the context of labour market requirements of one of the most dynamic industry in the region – the automotive engineering sector.</i>
<i>Sustainable Management and Design for Textiles, ac</i>	<i>This joint doctorate program aims to training European and non-European PhD students by carrying out international research cooperation on sustainable development-oriented textile management and textile design. Another objective is to establish a new international doctorate school, permitting to integrate and reorganize the research and higher educational activities on textile management and design, existing in different European textile universities, around the themes of sustainable development</i>
<i>gLINK (Sustainable Green Economies through Learnin</i>	<i>gLINK is an Erasmus Mundus Action 2 project (with financial support granted by the European Commission). The partnership is composed of 9 European HEIs (among which TUIASI) and 9 HEIs from Asian countries. The project aims to deliver education, training, research experience and cross-fertilisation of ideas in a number of thematic areas. A number of scholarships will be available to the talented students and staff.</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

<b>Name of infrastructure of equipment</b>	<b>Short description (Max 300 characters)</b>
<i>IT&amp;C Infrastructure in support of Open Science</i>	<i>The infrastructure converges in the University's Data Center (operating on TIA-942 standard), designed to ensure the data consistency, availability and security for the critical services and for the R&amp;D partnerships. TUIASI employs open source technologies for its cloud infrastructure and is member</i>
<i>Open Access publication platform for journals unde</i>	<i>The Bulletin of the Polytechnic Institute of Iasi is an opportunity for exchanging research results and thus, it becomes a promoter of the interdisciplinary collaboration, promoting both the latest achievements in engineering. All journals are open access and published both in print and online</i>

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes ☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
999848647	UNIVERSIDAD DE OVIEDO

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Short name: UNIOVI

Address

Street	CALLE SAN FRANCISCO 3
Town	OVIEDO
Postcode	33003
Country	Spain
Webpage	www.uniovi.es

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	yes

**SME Data**

Based on the below details from the Participant Registry the organisation is **no** (small- and medium-sized enterprise) for the call.

SME self-declared status .....	unknown
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

Vice-Rectorate for Internationalization

☐ not applicable

☐ Same as proposing organisation's address

Street

C/ Principado, n.º 3, 2.ª planta.

Town

Oviedo

Postcode

33007

Country

Spain

Links with other participants

Type of link	Participant

## Administrative forms

### Main contact person

This will be the person the EU services will contact concerning this proposal (e.g. for additional information, invitation to hearings, sending of evaluation results, convocation to start grant preparation). The data in blue is read-only. Details (name, first name and e-mail) of Main Contact persons should be edited in the step "Participants" of the submission wizard.

Title Dr.

Gender ☐ Woman ☒ Man ☐ Non Binary

First name\* **Jesus Daniel**

Last name\* **Santos**

E-Mail\* **vice.internacional@uniovi.es**

Position in org. Vice-Rector for Internationalization

Department Vice-Rectorate for Internationalization

☐ Same as organisation name

☐ Same as proposing organisation's address

Street C/ Principado, n.º 3, 2.ª planta.

Town Oviedo

Post code 33007

Country Spain

Website <https://www.uniovi.es/en/gobiernoservicios/gobierno/vicerrectorad>

Phone +34 985104020

Phone 2 +34 985109586

### Other contact persons

First Name	Last Name	E-mail	Phone
Julia Maria	Alvarez Gutierrez	alvarezjulia@uniovi.es	+XXX XXXXXXXXXX



## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Dr	Jesus Daniel	Santos Rodriguez	Man	Spain	jdsantos@uniovi.es	Category B Senior	Leading	0000-0003-2038-4606	Orcid ID
Dr	Agustín	Nieto Alonso	Man	Spain	anieto@uniovi.es	Category B Senior	Team member	0000-0002-1852-2697	Orcid ID
Dr	Sandra	Velarde Suárez	Woman	Spain	sandrav@uniovi.es	Category A Top grade	Team member	0000-0002-4967-4642	Orcid ID
Dr	Susana	Menéndez Requejo	Woman	Spain	srequero@uniovi.es	Category A Top grade	Team member	0000-0003-1641-5692	Orcid ID
Dr	Antonio Manuel	Fueyo Silva	Man	Spain	fueyos@uniovi.es	Category A Top grade	Team member	0000-0002-7121-9398	Orcid ID

## Administrative forms

### Role of participating organisation in the project

Project management	<input checked="" type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input checked="" type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input checked="" type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input checked="" type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)
Service	<i>The Office of Communications coordinates the information generated by the University of Oviedo for internal dissemination and outreach purposes. It is staffed by qualified professionals in Information Sciences, image and sound technicians, audio-visual editors, computer engineers and technicians in digital content creation. The Office of Communications manages relations with the general media and coordinates access to international scientific dissemination platforms to publicize the work of rese</i>
Service	<i>The Unit for Scientific Culture and Innovation leads the diffusion of science, technology and innovation in Asturias. Through different initiatives and instruments, UCC+i links the scientific community with educators, students and civil society in general. Our activities includes organization of workshops and itineraries in our laboratories and scientific-technical services, sessions of scientific experiments, guided tours, field trips, exhibitions, multimedia didactic materials, scientific play</i>
Service	<i>The Transfer of Research Results Office (OTRI) of the University of Oviedo has as its mission to promote the transmission of knowledge of our institution, favoring relations between university, industry, entrepreneurs and investors, in order to contribute to the national system of innovation and technological development.</i>
Service	<i>The Audiovisual Service is the University of Oviedo's audiovisual producer, editor and video graphics distributor. As such, it is the body in charge of managing the Intellectual Property and Image rights for University of Oviedo audiovisual productions. Some of its functions include developing audiovisual material and making, producing, editing and distributing scientific and cultural documentaries for dissemination, as well as attending to the audiovisual needs of the academic community.</i>

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>NIGHT SPANISH TEAM (S-TEAM)</i>	<i>The scientific and technological development has a great influence in how our societies make progress, among other social factors. However, in recent years, a lack of interest in research careers has been reported. The reasons are still not fully elucidated. S-TEAM emerges as an initiative to bring the public at large in close contact with researchers in an informal context. STEAM comprises a wide range of activities to disseminate research along the Spanish territory.</i>
<i>Green Night Nine (G9NIGHT)</i>	<i>This project's aim is to increase the awareness and perception of research as a source of solutions to the challenges our society is facing. The G9NIGHT consists of two different major events and related initiatives, with pre-events motivated by the celebration of World Environment Day and World Oceans Day and the European Year of Rail 2021. The main event will hold in thirteen cities.</i>
<i>Breaking Bad Biofilms. Innovative Analysis</i>	<i>Biofilms that attach and grow on a solid surface cause about 80% of infections in humans and disinfectants rarely succeed in destroying them. They cost European economy billions of euro annually. The BREAK BIOFILMS Training Network aims to solve this issue by training the next generation leaders. They will understand the mechanisms of biofilm formation</i>
<i>Erasmus Mundus Master's Degree in Sustainable STEP</i>	<i>The Erasmus Mundus Joint Master Degree in Sustainable Transportation and Electrical Power Systems (STEPS JMD) provides advanced education to prepare highly qualified electrical and electronic engineers in two areas of the highest technological content and professional requirements in the energy sector</i>
<i>Joint Master Degree in Mechatronic Engineering</i>	<i>The EU4M Joint Master Degree is a programme designed to be taken in two consecutive academic years. Three of the degree awarding institutions will be offering the same academic contents in three different languages (Spanish, German and English) to give the students the same preparation and different language options. The students will move to one or two of the other partner or associated institutions, in order to complete their formation</i>

# Administrative forms

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☒ Yes ☐ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
997543927	HOCHSCHULE KARLSRUHE

---

Short name: HOCHSCHULE KARLSRUHE

Address

Street	MOLTKESTRASSE 30
Town	KARLSRUHE
Postcode	76133
Country	Germany
Webpage	www.h-ka.de

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	08/07/2014 - no
SME self-assessment .....	unknown
SME validation .....	unknown

# Administrative forms

## Departments carrying out the proposed work

### Department 1

Department name	International Office	<input type="checkbox"/> not applicable
	<input checked="" type="checkbox"/> Same as proposing organisation's address	
Street	MOLTKESTRASSE 30	
Town	KARLSRUHE	
Postcode	76133	
Country	Germany	

## Links with other participants

Type of link	Participant

## Administrative forms

### Main contact person

This will be the person the EU services will contact concerning this proposal (e.g. for additional information, invitation to hearings, sending of evaluation results, convocation to start grant preparation). The data in blue is read-only. Details (name, first name and e-mail) of Main Contact persons should be edited in the step "Participants" of the submission wizard.

Title Dr.

Gender ☐ Woman ☒ Man ☐ Non Binary

First name\* **Joachim**

Last name\* **Lembach**

E-Mail\* **joachim.lembach@h-ka.de**

Position in org. Director, International Office

Department International Office

☐ Same as organisation name

☒ Same as proposing organisation's address

Street MOLTKESTRASSE 30

Town KARLSRUHE

Post code 76133

Country Germany

Website www.h-ka.de

Phone +497 219251090

Phone 2 +XXX XXXXXXXXXX



## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Dr	Sarah	Steiner	Woman	Germany	sarah.steiner@h-ka.de	Category C Recogn	Team member		

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input checked="" type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input checked="" type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input checked="" type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)
Publication	<i>Lay, M. &amp; Ruf, M. (2019). Nachhaltige Personalbeschaffung – Am Beispiel der Stellenbesetzung von Professoren an Hochschulen für angewandte Wissenschaften. In W. Wellbrock &amp; D. Ludin (Hrsg.), Nachhaltiges Beschaffungsmanagement. Strategien – Praxisbeispiele – Digitalisierung (S. 149 – 164). Wiesbaden: Springer Gabler.</i>
Publication	<i>Stark, S. &amp; Kiendl, A. (2013). Professorinnen – ubi estis – wo seid Ihr? Eine Analyse der beruflichen Motivation von Akademikerinnen bezüglich einer Fachhochschulprofessur. Arbeitspapiere der Fachgebiete Außenwirtschaft und Marketing. Bochum: Hochschule Bochum.</i>
Publication	<i>Wissenschaftsrat (2016). Empfehlungen zur Personalgewinnung und -entwicklung an Fachhochschulen. Drs. 5637-16. Weimar: Wissenschaftsrat.</i>
Publication	<i>In der Smitten, S., Sembritzki, T., Thiele, L., Kuhns, J., Sanou, A., Valero-Sanchez, M. (2017). Bewerberlage bei Fachhochschul-professuren (BeFHPro). (Forum Hochschule 2017). Hannover: DZHW.</i>

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
ALPAKA	<i>Recruitment and qualification development of academic staff towards professorship</i>
EUN_National Initiative	<i>Collaboration with partners of the INGENIUM alliance to jointly develop transnational teaching programs with digital components</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☒ Yes ☐ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
999866786	UNIVERSITA DEGLI STUDI GABRIELE D'ANNUNZIO DI CHIETI-PESCARA

---

Short name: Ud'A

Address

Street	Via dei Vestini 31
Town	CHIETI
Postcode	66013
Country	Italy
Webpage	www.unich.it

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is **no** (small- and medium-sized enterprise) for the call.

SME self-declared status .....	unknown
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

Department of Psychological Sciences, Health and Territory

☐ not applicable

☒ Same as proposing organisation's address

Street

Via dei Vestini 31

Town

CHIETI

Postcode

66013

Country

Italy

Links with other participants

Type of link	Participant

## Administrative forms

### Main contact person

This will be the person the EU services will contact concerning this proposal (e.g. for additional information, invitation to hearings, sending of evaluation results, convocation to start grant preparation). The data in blue is read-only. Details (name, first name and e-mail) of Main Contact persons should be edited in the step "Participants" of the submission wizard.

Title Prof.

Gender ☐ Woman ☒ Man ☐ Non Binary

First name\* **Marcello**

Last name\* **Costantini**

E-Mail\* **marcello.costantini@unich.it**

Position in org. Professor

Department UNIVERSITA DEGLI STUDI GABRIELE D'ANNUNZIO DI CHIETI-PESCARA

☒ Same as organisation name

☒ Same as proposing organisation's address

Street Via dei Vestini 31

Town CHIETI

Post code 66013

Country Italy

Website https://www.unich.it/

Phone +XXX XXXXXXXXXX

Phone 2 +XXX XXXXXXXXXX

## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Prof	Marcello	Costantini	Man	Italy	marcello.costantini@unich.it	Category B Senior	Leading	0000-0002-0504-1296	Orcid ID
Dr	Francesca	Ferri	Woman	Italy	marcello.costantini@unich.it	Category B Senior	Team member	0000-0003-1821-5870	Orcid ID
Prof	Maurizio	Bertollo	Man	Italy	maurizio.bertollo@unich.it	Category B Senior	Leading	0000-0002-0972-9178	Orcid ID



## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input checked="" type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input checked="" type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)
Service	<i>PICAPS: The main PICASP objectives are: Developing new teaching methodologies including Practice Management with Practice Enterprise; Developing courses in Entrepreneurship and SME Management; Enhancing the exchanging of best practices with EU partners through mobility of academic and technical staff; Enforcing stakeholders' involvement in curriculum development and graduates placement; Establishing Standards and Providing Quality assurance in didactics and sustainability.</i>
Service	<i>Equal Sport For All (ESFA). This project aims at developing and evaluating models of well-being across different European countries to provide deliverables that could be used around Europe.</i>
Service	<i>Sudan project: This project aims at providing good practices and identify critical issues in the implementation of standards of health care and treatment at the Gezira National Paediatric surgery.</i>
Service	<i>IQPharm project is centered on raising the quality and modernization of pharmacy studies at public universities in Bosnia and Herzegovina including reinforcement of semi-structured experiential education (EE) in compliance with EU standards and regulations of higher education for regulated professions.</i>

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>TACEESM</i>	<i>The project aims to improve quality of higher education in partner countries in the field of architecture and civil engineering and enhance its relevance for the labour market needs and in accordance with European growth and development strategies.</i>
<i>PICAPS</i>	<i>The main PICASP objectives are: Developing new teaching methodologies including Practice Management with Practice Enterprise; Developing courses in Entrepreneurship and SME Management; Enhancing the exchanging of best practices with EU partners through mobility of academic and technical staff; Enforcing stakeholders' involvement in curriculum development and graduates placement; Establishing Standards and Providing Quality assurance in didactics and sustainability.</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)
<i>OpenStack</i>	<i>OpenStack is a set of software components that provide common services for cloud infrastructure.</i>

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes ☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

PIC	Legal name
999857571	MEDICAL UNIVERSITY SOFIA

Short name: MEDICAL UNIVERSITY SOFIA

Address

Street	ACAD IV EVSTATIEV GESHOV ST 15
Town	SOFIA
Postcode	1431
Country	Bulgaria
Webpage	www.mu-sofia.bg

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	unknown
Secondary or Higher education establishment .....	yes
Research organisation .....	yes

**SME Data**

Based on the below details from the Participant Registry the organisation is **no** (small- and medium-sized enterprise) for the call.

SME self-declared status .....	unknown
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

The International Integration and Project Funding Department

☐ not applicable

☒ Same as proposing organisation's address

Street

ACAD IV EVSTATIEV GESHOV ST 15

Town

SOFIA

Postcode

1431

Country

Bulgaria

Links with other participants

Type of link	Participant

## Administrative forms

### Main contact person

This will be the person the EU services will contact concerning this proposal (e.g. for additional information, invitation to hearings, sending of evaluation results, convocation to start grant preparation). The data in blue is read-only. Details (name, first name and e-mail) of Main Contact persons should be edited in the step "Participants" of the submission wizard.

Title Dr.

Gender ☒ Woman ☐ Man ☐ Non Binary

First name\* **Magdalena**

Last name\* **Kasnakova**

E-Mail\* **m.kasnakova@mu-sofia.bg**

Position in org. Senior Expert

Department The International Integration and Project Funding Department

☐ Same as organisation name

☒ Same as proposing organisation's address

Street ACAD IV EVSTATIEV GESHOV ST 15

Town SOFIA

Post code 1431

Country Bulgaria

Website https://mu-sofia.bg/en

Phone +359 885025943

Phone 2 +359 29152138

## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Prof	Tsvetalina	Tankova	Woman	Bulgaria	bi4ebulgaria@gmail.com	Category A Top grade	Leading	0000-0002-7572-1131	Orcid ID

## Administrative forms

### Role of participating organisation in the project

Project management	<input checked="" type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>



## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)
Dataset	<i>The Congress on Occupational Medicine and Expertise on Workability, with an international final conference on the EPSILON project</i>
Other achievement	<i>The H2020 project A4L_ACTIONS, connecting thirteen members from the strategic partnership called Alliance4Life, an international alliance of leading research institutions and universities operating in the field of biomedical sciences in Central and Eastern Europe</i>
Publication	<i>Gradinarova, Neli; Radev, Emilian; Shtereva-Nikolova, Natalia, MEDICAL SPECIALISTS AND ETHICS COMMITTEES IN HEALTHCARE ESTABLISHMENTS IN BULGARIA, JOURNAL OF IMAB, Council of Medical Science of the Medical University-Sofia, GRANT 2018, Contract No. 98/03. 05. 2018 and Project No. 7757/22. 11. 2017.</i>
Publication	<i>Atanasova, L.; Antonov, I.; Hristova-Avakumova, N.; Hadjimitova, V., Fundamentals of Optical Spectroscopy Course as a Part of the Education and Stimulation of the Scientific Activity of the Students from MU-Sofia, 10TH JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION, AUG 26-30, 2018. Sofia, BULGARIA</i>
Publication	<i>Kundurzhiev, Todor; Prodanova, Yanka; Yancheva-Stoicheva, Milena; Tsacheva, Nevena; Miteva, Iva; Hristova, Lidia, OWNERSHIP OF MEDICAL INSTITUTIONS IN BULGARIA - IMPACT ON THE QUALITY OF WORKING LIFE OF WORKERS, INTERNATIONAL JOURNAL FOR QUALITY RESEARCH</i>

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>№ 964997, Alliance for Life Sciences:</i>	<i>CSA - Coordination and support action H2020-SC1-2020-Single-Stage-RTD With A4L_ACTIONS, we aim to address roots of this situation in the lower-performing Central and Eastern Europe (CEE) by improving culture, governance, recognition and innovation potential of the health research-performing institutions.</i>
<i>№ 954776, Find Research Everywhere, SHare and expE</i>	<i>In line with the 2020 International Year of Plant Health (IYPH), the EU-funded FRESHER project will raise awareness on how protecting plant health can help end hunger, reduce poverty, protect the environment and boost economic development. It is based in Bulgaria</i>
<i>№ 825162, Next Generation Health Technology Assess</i>	<i>HTx will create a framework for next generation Health Technology Assessment (HTA) that supports patient-centred, societally oriented, and real-time decision-making for integrated healthcare throughout Europe. HTx will focus on therapeutic areas with high unmet need for which HTA information has to be provided on complex and personalised combinations of health technologies.</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes

☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
999465982	UNIVERSITE DE ROUEN NORMANDIE

---

Short name: UR

Address

Street	RUE THOMAS BECKET 1 MONT SAINT AIGNAN
Town	MONT SAINT AIGNAN CEDEX
Postcode	76821
Country	France
Webpage	www.univ-rouen.fr

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	yes

**SME Data**

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	19/04/2014 - no
SME self-assessment .....	unknown
SME validation .....	unknown

# Administrative forms

## Departments carrying out the proposed work

### Department 1

Department name	International Relations and Cooperation Office (DRIC)	<input type="checkbox"/> not applicable
	<input type="checkbox"/> Same as proposing organisation's address	
Street	Espace Michel Serres, Rue Thomas Becket	
Town	MONT-SAINT-AIGNAN Cedex	
Postcode	76821	
Country	France	

## Links with other participants

Type of link	Participant

## Administrative forms

### Main contact person

This will be the person the EU services will contact concerning this proposal (e.g. for additional information, invitation to hearings, sending of evaluation results, convocation to start grant preparation). The data in blue is read-only. Details (name, first name and e-mail) of Main Contact persons should be edited in the step "Participants" of the submission wizard.

Title **Mr.**

Gender ☐ Woman ☒ Man ☐ Non Binary

First name\* **Eric**

Last name\* **Dargent**

E-Mail\* **eric.dargent@univ-rouen.fr**

Position in org. **Vice-President for International relations**

Department **International Relations and Cooperation Office (DRIC)**

☐ Same as organisation name

☒ Same as proposing organisation's address

Street **RUE THOMAS BECKET 1 MONT SAINT AIGNAN**

Town **MONT SAINT AIGNAN CEDEX**

Post code **76821**

Country **France**

Website *Please enter website*

Phone *+XXX XXXXXXXXXX*

Phone 2 *+XXX XXXXXXXXXX*

## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Not applicab	Camille	Bruni	Woman	France	camille.bruni@univ-rouen.fr				

## Administrative forms

### Role of participating organisation in the project

Project management	<input checked="" type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input checked="" type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input checked="" type="checkbox"/>
Testing/validation of approaches and ideas	<input checked="" type="checkbox"/>
Prototyping and demonstration	<input checked="" type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)
GPM "Materials Physics Group"	The GPM is a joint research unit attached to the CNRS, the URN and the INSA of Rouen. The laboratory is one of the pioneers in the development of atom probe tomography. Its main research activities are dedicated to the investigation of materials down to atomic scale
LSPC "Chemical Process Safety Laboratory"	The LSPC is a host team between INSA Rouen and the URN. It is backed by three engineering courses, two «IUT» courses, two masters from INSA Rouen Normandie and the University of Rouen Normandie. The LSPC is attached to the PSIME doctoral school.
COBRA "Organic and Bio-organic Bio Chemistry, Reac	The COBRA is a joint research unit between the URN, INSA Rouen and CNRS. It belongs to the Normande doctoral school of Chemistry and to the Normandy Biomedical and Chemistry network of interests. COBRA is a driving force within Labex SynOrg and the Carnot I2C institute
PBS "Polymers, Biopolymers, Surfaces" laboratory	The PBS laboratory is a research laboratory at the URN associated with CNRS and INSA Rouen. PBS's activity is mainly engaged in fundamental research aimed at developing, on the basis of multidisciplinary skills and through its joint expertise
CORIA "Interprofessional Aerothermochemistry Resea	CORIA is a joint research unit attached to the CNRS, the URN and the INSA of Rouen. Its research focuses on reactive and non-reactive flows and optics and lasers. It combines theoretical studies, modelling, numerical simulations and experiments on different scales,
LITIS "Computer Science, Information Processing an	The LITIS is a laboratory between the URN, the University of Havre Normandy and INSA Rouen. Its main research fields are information access, bio-medical information processing and ambient intelligence
PANTHER	Joint INSERM / URN Unit. Research fields: Pathophysiology, Autoimmunity, Neuromuscular Diseases and Regenerative Therapies
GPMCND	Joint INSERM / URN Unit. Research fields: Genetics of cancer and neuropsychiatric diseases
EnVI	Joint INSERM / URN Unit. Research fields: Endothelium, Valvulopathies and Heart Failure
GRAM 2.0 (Rouen - Caen)	Microbial Adaptation Research Group



## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☒ Yes ☐ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

PIC	Legal name
892106673	MUNSTER TECHNOLOGICAL UNIVERSITY

Short name: MUNSTER TECHNOLOGICAL UNIVERSITY

Address

Street	ROSSA AVENUE BISHOPSTOWN
Town	CORK
Postcode	T12 P928
Country	Ireland
Webpage	<a href="https://www.mtu.ie/">https://www.mtu.ie/</a>

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	10/12/2020 - no
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

Innovation and Enterprise office

☐ not applicable

☒ Same as proposing organisation's address

Street

ROSSA AVENUE BISHOPSTOWN

Town

CORK

Postcode

T12 P928

Country

Ireland

Links with other participants

Type of link	Participant

## Administrative forms

### Main contact person

This will be the person the EU services will contact concerning this proposal (e.g. for additional information, invitation to hearings, sending of evaluation results, convocation to start grant preparation). The data in blue is read-only. Details (name, first name and e-mail) of Main Contact persons should be edited in the step "Participants" of the submission wizard.

Title

Gender ☒ Woman ☐ Man ☐ Non Binary

First name\* **Josette**

Last name\* **O' Mullane**

E-Mail\* **josette.omullane@mtu.ie**

Position in org. **Innovation and Enterprise Manager**

Department **Innovation and Enterprise office**

☐ Same as organisation name

☒ Same as proposing organisation's address

Street **ROSSA AVENUE BISHOPSTOWN**

Town **CORK**

Post code **T12 P928**

Country **Ireland**

Website **www.mtu.ie**

Phone **+353 214326697**

Phone 2 **+XXX XXXXXXXXXX**

Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input checked="" type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input checked="" type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
HEADLINES	EIT Food Pilot project on entrepreneurial Universities
ECORIS3	Universities supporting regional Innovation strategies
Working for Talent	Universities attracting talents to their regions

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)
Public Incubators	MTU operates two large public incubators on its campuses at Cork and Kerry . The incubation facilities are allied to significant research centres where MTU researchers work closely with industry

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☒ Yes ☐ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.



## Administrative forms

<b>PIC</b>	<b>Legal name</b>
999587814	HOGSKOLAN I SKOVDE

---

Short name: HOGSKOLAN I SKOVDE

Address

Street	HOGSKOLEVAGEN 1
Town	SKOVDE
Postcode	54 128
Country	Sweden
Webpage	www.his.se

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	15/06/2021 - no
SME self-assessment .....	unknown
SME validation .....	unknown

# Administrative forms

## Departments carrying out the proposed work

### Department 1

Department name	School of Bioscience	<input type="checkbox"/> not applicable
	<input type="checkbox"/> Same as proposing organisation's address	
Street	PO Box 408	
Town	Skövde	
Postcode	54128	
Country	Sweden	

## Links with other participants

Type of link	Participant

## Administrative forms

### Main contact person

This will be the person the EU services will contact concerning this proposal (e.g. for additional information, invitation to hearings, sending of evaluation results, convocation to start grant preparation). The data in blue is read-only. Details (name, first name and e-mail) of Main Contact persons should be edited in the step "Participants" of the submission wizard.

Title

Gender

☐

Woman

☒

Man

☐

Non Binary

First name\* **Mikael**

Last name\* **Ejdeback**

E-Mail\* **mikael.ejdeback@his.se**

Position in org. Deputy vice-chancellor for internationalisation

Department HOGSKOLAN I SKOVDE

☒

Same as organisation name

☐ Same as proposing organisation's address

Street PO Box 408

Town Skövde

Post code 54128

Country Sweden

Website [www.his.se/en](http://www.his.se/en)

Phone +46500448610

Phone 2

+XXX XXXXXXXXXX

Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input type="checkbox"/>
Provision of research and technology infrastructure	<input checked="" type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input checked="" type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
Open source research	Software Systems Research Group - University of Skövde ( <a href="https://his.se">his.se</a> )

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)
Collaboration and innovation arenas	Each school hosts a collaboration and innovation arenas for interaction with companies, organisation and the society. Most developed are Sweden Game Arena and Assar industrial innovation arena.
Science park Skövde	Contributes to innovation and supports startups, business development and business establishment by stimulating entrepreneurship.
HRS4R	University of Skövde was recently awarded the HR Excellence in Research (HRS4R).

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☒ Yes ☐ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
986565370	AGENTIA PENTRU DEZVOLTARE REGIONALANORD-EST

---

Short name: NORTH EAST REGIONAL DEVELOPMENT AGENCY

Address

Street	STR LCT DRAGHESCU 9
Town	PIATRA NEAMT
Postcode	610125
Country	Romania
Webpage	www.adrnordest.ro

Specific Legal Statuses

Legal person .....	yes
Public body .....	no
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	no
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is **no** (small- and medium-sized enterprise) for the call.

SME self-declared status .....	unknown
SME self-assessment .....	unknown
SME validation .....	unknown



Administrative forms

Departments carrying out the proposed work

Department 1

Department name

Communication, Innovation and External Cooperation

☐ not applicable

☒ Same as proposing organisation's address

Street

STR LCT DRAGHESCU 9

Town

PIATRA NEAMT

Postcode

610125

Country

Romania

Links with other participants

Type of link	Participant

Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier

## Administrative forms

### Role of participating organisation in the project

Project management ☐

Communication, dissemination and engagement ☐

Provision of research and technology infrastructure ☐

Co-definition of research and market needs ☐

Civil society representative ☐

Policy maker or regulator, incl. standardisation body ☒

Research performer ☐

Technology developer ☐

Testing/validation of approaches and ideas ☐

Prototyping and demonstration ☐

IPR management incl. technology transfer ☐

Public procurer of results ☐

Private buyer of results ☐

Finance provider (public or private) ☒

Education and training ☐

Contributions from the social sciences or/and the humanities ☐

Other ☒  
If yes, please specify: (Maximum number of characters allowed: 50)

coordinating the regional development planning

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)
Publication	<p><i>Higher Education for Smart Specialisation: The Case of North-East Romania</i>  PUBLICATION ARTICLE   01 Jul 2017   Elisabetta Marinelli, John Edwards, Cosmina Mironov  This report synthesises the findings of the project Higher Education and Smart Specialisation (HESS) in North East Romania, a region that has been examined as one of the case studies. The project analyses the links between the higher education (HE) system and the development and implementation of Smart Specialisation Strategies (S3).</p>
Publication	<p><i>Smart specialization in a centralized state: strengthening the regional contribution in North East Romania</i>  May 2016   <i>European Planning Studies</i> 24(8):1-17  DOI: 10.1080/09654313.2016.1184233  Author: Adrian Healey  This paper explores the introduction of the RIS3 approach in North East Romania, one of the EU's least developed regions. Whilst Romania has launched a national RIS3, the Regional Development Agency for North East Romania also voluntarily embarked upon a process of developing a regi</p>
Publication	<p>Silviu Beciu, Maria Bobercă and Raluca Georgiana Lădaru (2013), "Regional Development Trends in the North-East Region of Romania," <i>Journal of Eastern Europe Research in Business &amp; Economics</i>, Vol. 2013 (2013), Article ID 888187, DOI: 10.5171/2013.888187</p> <p>The EU regional policy has been an ongoing concern of both the Member States and the candidate countries for accession. Romania has established in 1998 its own regions of development, opening the gate to the implementation of regional developm</p>
Publication	<p><i>Higher Education and Smart Specialization in North-East Romania: Opportunities for Knowledge-Based Development</i>  Elisabetta Marinelli (European Commission – Joint Research Centre, Spain) and Cosmina Mironov (University of Bucharest, Romania)</p> <p>Source Title: <i>Smart Specialization Strategies and the Role of Entrepreneurial Universities</i>  Copyright: © 2019   Pages: 21  DOI: 10.4018/978-1-5225-6152-1.ch010  The chapter analyses the links between the higher education system and the design and implement</p>

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
Development of an Innovative Strategy Continuously	<p>Developing and implementing an innovative regional strategy in the North-East Region of Romania which to contribute to increasing regional competitiveness and capitalizing on its economic potential, by developing a system to support culture and awareness of the role of regional innovation. The project aimed at stimulating political factors in terms of research and innovation policies and facilitated the integration of universities and research institutes, together with SMEs and companies special</p>
Smart Specialization Strategy of the North-East Re	<ul style="list-style-type: none"> <li>• Identification and promotion of the methods for valorization of competitive advantages of the region through elaboration of Smart Specialization Strategy of the North-East Region for 2014-2020 programming period;</li> <li>• Development of a regional mechanism for correlation of the intervention fields proposed for economic development during 2014-2020 and included into the North-East Regional Development Plan, Smart Specialization Strategy of the North-East Region, National Plan for Research and Innov</li> </ul>

## Administrative forms

<i>Interconnecting the territory through an innovatio</i>	<i>Improving the reach of regional innovation policies, through a better connection of actors within the regional innovation system, especially of those located in the most peripheral and backward areas and a more balanced development of economic and technological sectors all over European Union</i>
<i>ASVILOC PLUS - "Agencies supporting the value of i</i>	<i>Contributing to construction of a "transnational innovation system" starting with valorization of the results from the previous Asviloc project and ending with the best practices of Regional Innovation Strategies taking actions upon the institutional framework and related human resources</i>
<i>High Education for Smart Specialization (HESS)</i>	<i>Contribution of higher education and High Education Institutions (HEIs) to the successful implementation of S3 through:</i> <ul style="list-style-type: none"> <li>- <i>building innovation capabilities by strengthening the role of HEIs in regional partnerships.</i></li> <li>- <i>promoting the integration of higher education with research, innovation and regional development in S3 policy mixes, particularly in the use of European Structural and Investment (ESI) Funds.</i></li> </ul>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

<b>Name of infrastructure of equipment</b>	<b>Short description (Max 300 characters)</b>

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes ☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

PIC	Legal name
954317720	TEHNOPOLIS SRL

Short name: TEHNOPOLIS

Address

Street	B DUL POITIERS 10 INCINTA SC FORTUS SA
Town	IASI
Postcode	700671
Country	Romania
Webpage	www.tehnopol-is.ro

Specific Legal Statuses

Legal person .....	yes
Public body .....	no
Non-profit .....	no
International organisation .....	no
Secondary or Higher education establishment .....	no
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	24/08/2004 - yes
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

European Projects Implementation, Innovation and Business Incubat

☐ not applicable

☒ Same as proposing organisation's address

Street

B DUL POITIERS 10 INCINTA SC FORTUS SA

Town

IASI

Postcode

700671

Country

Romania

Links with other participants

Type of link	Participant



## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Ms	Maria-Alexandra	Carp	Woman	Romania	carp.maria@gmail.com	Category D First stag			

## Administrative forms

### Role of participating organisation in the project

Project management ☐

Communication, dissemination and engagement ☐

Provision of research and technology infrastructure ☐

Co-definition of research and market needs ☐

Civil society representative ☐

Policy maker or regulator, incl. standardisation body ☐

Research performer ☐

Technology developer ☐

Testing/validation of approaches and ideas ☐

Prototyping and demonstration ☐

IPR management incl. technology transfer ☐

Public procurer of results ☐

Private buyer of results ☐

Finance provider (public or private) ☐

Education and training ☐

Contributions from the social sciences or/and the humanities ☐

Other ☒  
If yes, please specify: (Maximum number of characters allowed: 50)

Stakeholder,

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
Enterprise Europe Network	<i>The Enterprise Europe Network helps businesses innovate and grow on an international scale. It is the world's largest support network for SMEs with international ambitions. The Network is active in more than 60 countries worldwide. It brings together 3,000 experts from more than 600 member organisations – all renowned for their excellence in business support.</i>
ERBSN 4 H2020: Eastern Romania Business Support Ne	<i>The project is an integral part of the ERBSN Implementation Strategy for the period 2015-2020, in response to the requirement imposed by the European Commission, through the COSME Program 2014-2020, to develop a set of services dedicated to innovation, within the Horizon Program 2014-2020</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes

☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
972570113	SC INTELECTRO IASI SRL

---

Short name: INTELECTRO

Address

Street	Str. Iancu Bacalu nr. 3
Town	Iasi
Postcode	700029
Country	Romania
Webpage	www.intelectro.ro

Specific Legal Statuses

Legal person .....	yes
Public body .....	no
Non-profit .....	no
International organisation .....	no
Secondary or Higher education establishment .....	no
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	31/12/2010 - yes
SME self-assessment .....	unknown
SME validation .....	31/12/2010 - yes

# Administrative forms

## Departments carrying out the proposed work

### No department involved

Department name

Name of the department/institute carrying out the work.

☒ not applicable

☐ Same as proposing organisation's address

Street

Please enter street name and number.

Town

Please enter the name of the town.

Postcode

Area code.

Country

Please select a country

## Links with other participants

Type of link	Participant

## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Dr	Alexandru Florentin	Trandabat	Man	Romania	ftranda@yahoo.com	Category B Senior	Leading	0000-0001-7280-7653	Orcid ID

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input checked="" type="checkbox"/>
Co-definition of research and market needs	<input checked="" type="checkbox"/>
Civil society representative	<input checked="" type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input checked="" type="checkbox"/>
Testing/validation of approaches and ideas	<input checked="" type="checkbox"/>
Prototyping and demonstration	<input checked="" type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>



## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
M-ERA.NET 3184-HarvEnPiez	<i>The aim of project is to develop a new piezoelectric system able to generate power by harvesting energy from the ambient environment and biomechanical movements for low-power-consumption portable devices, sensors and body-implantable devices. In the HarvEnPiez project a high-performance device was developed based on the optimized composition, shape, size and orientation of the ferroelectric particles and/or the enhancement of the piezoelectricity through lattice-strain engineering</i>
NASRI / COP / PA1 / Action 1.1.4., Attracting high-	<i>Through this project the Intelectro research team was organized and trained by the Head of the Doctoral School from University of Lisbon, Prof. Octavian Postolache. The results of the project consist in development of a new technology for electrochemical nano sensors development and the integrated microelectronic platform for sensors utilization</i>
NASRI / POS CCE / OP 2.3.2. "Creating of the R&D c	<i>Through this project the Intelectro company developed the first private RTD in nanomaterials, printed sensors technology and printed electronics form NE of Romania. The state of the art equipment and the facilities acquired through this project create the premise for Intelectro to become a strategic partner in international research projects consortiums.</i>
STEWART SorTing system for dEmolition WAstE based	<i>The aim of the project is to increase the recycle of Construction and Demolition Waste (CDW) materials, the performances by developing an innovative technology for sorting CDW. The waste sorting system will be based on real-time classification algorithms, in order to sort different CDW materials such as: bricks, tiles, stone, plasterboard, glass, wood and plastic. The advanced sorting technologies are key technology to maximize percentage of recycled CDW from less than 50% up to 90-95% also opti</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)
CeraPrinter X-Serie	<i>CeraPrinter X-Serie is an all-in-one advanced materials deposition inkjet tool for Printed Electronics and Smart 3D Printing. With accuracy of 3 µm, multi-functional inks, and precise software control is the most advance drop on demand equipment for printed electronics development.</i>
Clean Room ISO7	<i>The Cleanroom is fitted for the most demanding screen printing and inkjet printing applications for electronics and printed sensors development</i>

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes

☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
968495919	INSTITUTO DE DESARROLLO ECONOMICO DEL PRINCIPADO DE ASTURIAS

---

Short name: IDEPA

Address

Street	PARQUE TECNOLOGICO DE ASTURIAS
Town	LLANERA ASTURIAS
Postcode	33420
Country	Spain

Webpage

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	no
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is **no** (small- and medium-sized enterprise) for the call.

SME self-declared status .....	unknown
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

INSTITUTO DE DESARROLLO ECONOMICO DEL PRINCIPADO DE ASTURIAS

☐ not applicable

☒ Same as proposing organisation's address

Street

PARQUE TECNOLOGICO DE ASTURIAS

Town

LLANERA ASTURIAS

Postcode

33420

Country

Spain

Links with other participants

Type of link	Participant

## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Ms	Ana Elena	Fernandez Monzon	Woman	Spain	anae@idepa.es	Category B Senior	Leading		
Ms	Paz	Palacio	Woman	Spain	paz@idepa.es	Category B Senior	Team member		
Mr	Jaime	Fernandez Cuesta	Man	Spain	jaime@idepa.es	Category B Senior	Team member		
Ms	Monica	Diaz	Woman	Spain	mdiaz@idepa.es	Category B Senior	Team member		

## Administrative forms

### Role of participating organisation in the project

Project management	<input checked="" type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input checked="" type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input checked="" type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)
Other achievement	<i>Sustainable Materials Roadmap: it identifies the main focuses of attention regarding the sustainability of the materials sector and the value chains, Waste-Technologies-Markets, of interest for the development of a regional economy based on raw materials from waste.</i>

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>S3CHEM</i>	<i>Interreg Europe 2016-2021 (PG1100010): The "Smart Chemistry Specialisation Strategy" project (S3Chem) aims to improve the implementation of the Smart Specialisation Strategies (RIS3) in each region with regard to the priorities associated with sustainable chemistry.</i>
<i>Innovation Camp?Science Meets Regions? 2018</i>	<i>During two days of debate, the event tackled, from a scientific perspective, the political challenges we must face in order to ensure the sustainability of Asturias, an industrial region that produces materials and that, at the same time, has highly valuable natural landscapes, putting a premium on technology and helping to guarantee the viability and social consensus of the solutions found.</i>
<i>SPIRE</i>	<i>IDEPA is Associate Member of SPIRE (since 2019) and participates in the WG6 Industrial Urban Symbiosis. SPIRE is the European Association which is committed to manage and implement the SPIRE Public-Private Partnership. It represents innovative process industries, 20% of the total European manufacturing sector in employment and turnover, and more than 150 industrial and research process stakeholders. The mission of SPIRE is to ensure the development of enabling technologies and best practice</i>
<i>COTEC</i>	<i>IDEPA, as partner in COTEC, participates in the Circular Economy WG. Cotec Foundation for Innovation is a private non-profit organisation whose mission is to promote innovation as an engine of economic and social development. Cotec has about 90 members, between private companies and administrations at the regional and local levels. King Felipe VI is the Honorary President. Cotec Italia has also existed since 2001, and Cotec Portugal since 2003, which give an international character to the i</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes ☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.



## Administrative forms

PIC	Legal name
983936476	COMPANIA PARA LA GESTION DE RESIDUOS SOLIDOS EN ASTURIAS SA

Short name: COGERSA, S.A.U.

Address

Street	CALLE MARQUES DE SANTA CRUZ 12 4
Town	OVIEDO
Postcode	33007
Country	Spain
Webpage	www.cogersa.es

Specific Legal Statuses

Legal person .....	yes
Public body .....	no
Non-profit .....	no
International organisation .....	no
Secondary or Higher education establishment .....	no
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	10/04/1985 - yes
SME self-assessment .....	unknown
SME validation .....	10/04/1985 - yes

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

R&D

☐ not applicable

☐ Same as proposing organisation's address

Street

Carretera de Cogersa 1125

Town

Gijon

Postcode

33697

Country

Spain

Links with other participants

Type of link	Participant

## Administrative forms

### Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier
Dr	Jose Manuel	Gonzalez La Fuente	Man	Spain	jose@cogersa.es	Category A Top grade	Leading	0000-0 002-6305-5047	Orcid ID
Mr	Arcadio	Fernandez Sanchez	Man	Spain	arcadio@cogersa. es	Category D First stage	Team member		

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input checked="" type="checkbox"/>
Testing/validation of approaches and ideas	<input checked="" type="checkbox"/>
Prototyping and demonstration	<input checked="" type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)
Publication	<i>Isolation and identification of microalgal strains with potential as carotenoids producers from a municipal solid waste landfill (2021-09)</i>
Publication	<i>Physico-chemical pre-treatments of anaerobic digestion liquor for aerobic treatment. Journal of Environmental Management (2020-11)</i>
Publication	<i>Metagenomic Analysis of Bacterial Communities from Nitrification/Denitrification Treatment of Landfill Leachates by Ion PGM System. Proteomics (2019-10-25)</i>
Publication	<i>Effect of sewage sludge composition on the susceptibility to spontaneous combustion. Journal of Hazardous Materials (2019-01-05)</i>
Publication	<i>Impact of anaerobic digestion and centrifugation/decanting processes in bacterial communities fractions. Journal of Bioscience and Bioengineering (2018-12)</i>

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>RecyBlock Sostenible</i>	<i>RecyBlock Sostenible was a demo collaborative project aimed to develop circular economy of aggregates recovered from construction&amp;demolition waste to produce precast concrete parts</i>
<i>Landfill4Health &amp; ReCO2</i>	<i>Landfill4Health &amp; ReCO2very were 2 linked collaborative projects aimed to demonstrate the microalgae cultivation by recovering CO2 emissions from waste incineration, treated waters, and disused areas of landfill. The available pilot plant will be considered in the CIRCAS2 biorefinery demo node</i>
<i>coPEREDA 2020 and VALORASTUR</i>	<i>coPEREDA 2020 and VALORASTUR were 2 collaborative demo projects aimed to develop waste recovery and circular economy concerning solid recovered fuel (SRF) and sewage sludge, respectively, involving a local fluidized-bed coal power station</i>
<i>Interreg S3Chem and FP7 End-o-Sludg projects</i>	<i>COGERSA was a partner of Interreg S3Chem and FP7 End-o-Sludg projects</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)
<i>Integrated waste treatment centre</i>	<i>The unique and integrated waste treatment centre of COGERSA includes: composting plant for green waste (20,000 t/y), composting plant for sewage sludge (49,000 t/y), anaerobic digestion &amp; subsequent composting for biowaste separately collected (30,000 t/y); 4 sorting plants for light packaging, p</i>

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☒ Yes ☐ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
972722209	UNIVERSITY OF MEDICINE - PLEVEN

---

Short name: UNIVERSITY OF MEDICINE - PLEVEN

Address

Street	ST KLIMENT OCHRIDSKI 1
Town	PLEVEN
Postcode	5800
Country	Bulgaria
Webpage	www.mu-pleven.bg

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	no
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is **no** (small- and medium-sized enterprise) for the call.

SME self-declared status .....	unknown
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

International Department

☐ not applicable

☒ Same as proposing organisation's address

Street

ST KLIMENT OCHRIDSKI 1

Town

PLEVEN

Postcode

5800

Country

Bulgaria

Links with other participants

Type of link	Participant



Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>FRESH - Find Researchers</i>	<i>FRESH (Find Research Everywhere and SHare) is led by the Center for Research and Analysis with 13 partners and 5 associated partners. The Consortium includes Bulgaria's first technological park, a chamber of industry and commerce, a pan-European organisation, leading research organisations, academia, and media. The aim is to create a series of participatory and media events to promote research careers, aimed in particular towards young people and their parents. Building on existing understanding</i>
<i>(Health_FUTURE) Health_FUTURE H2020 643885</i>	<i>Health Forum for Understanding and Transforming Under-competitive Regions in Europe</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes ☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

PIC	Legal name
997876346	MEDITCINSKY UNIVERSITET-PLOVDIV

Short name: MEDICAL UNIVERSITY-PLOVDIV

Address

Street	VASIL APRILOV BOULEVARD 15A
Town	Plovdiv
Postcode	4002
Country	Bulgaria
Webpage	www.mu-plovdiv.bg

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	yes

**SME Data**

Based on the below details from the Participant Registry the organisation is **no** (small- and medium-sized enterprise) for the call.

SME self-declared status .....	unknown
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

International Department

☐ not applicable

☒ Same as proposing organisation's address

Street

VASIL APRILOV BOULEVARD 15A

Town

Plovdiv

Postcode

4002

Country

Bulgaria

Links with other participants

Type of link	Participant

Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>



## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>AFFIRMO (ATRIAL FIBRILLATION INTEGRATED APPROACH I</i>	<i>The prevalence of atrial fibrillation (AF) amongst Europe's elderly population is growing. Associated with more severe strokes, AF is an abnormal heart rhythm with rapid and irregular beating. In the context of multimorbidity, improving the management of AF is vital and requires a holistic approach. In this context, the EU-funded AFFIRMO project will develop, implement and test the effectiveness</i>
<i>iHELP (Personalised Health Monitoring and Decision</i>	<i>The EU-funded iHELP project will design a cutting-edge decision support suite incorporating artificial intelligence-based risk identification and mitigation methods to assist in the fight against pancreatic cancer. It will analyse historical data in detail, identifying primary risk factors while raising awareness and providing ongoing risk management by exploiting data obtained through various wearable devices. The goal is to provide near real-time risk assessment, significantly aiding detection</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes ☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

PIC	Legal name
999506431	Medical University Of Varna

Short name: Medical University Of Varna

Address

Street	55 Marin Drinov Str.
Town	Varna
Postcode	9002
Country	Bulgaria
Webpage	<a href="http://mu-varna.bg/EN">http://mu-varna.bg/EN</a>

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is **no** (small- and medium-sized enterprise) for the call.

SME self-declared status .....	unknown
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

International Department

☐ not applicable

☒ Same as proposing organisation's address

Street

55 Marin Drinov Str.

Town

Varna

Postcode

9002

Country

Bulgaria

Links with other participants

Type of link	Participant

Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
PHENOMENO	<i>The EU-funded PHENOMENO project will set up an international research network for the development of production technology for physical breast models based on computational analysis. The overall goal is to utilise the expertise of engineers, anatomists, physicists and X-ray imaging specialists to improve research training and enable knowledge transfer from research to practice through international collaborations and staff exchange.</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes ☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.



## Administrative forms

PIC	Legal name
999656587	CENTRE HOSPITALIER UNIVERSITAIRE DE ROUEN

Short name: CHU-ROUEN

Address

Street	RUE DE GERMONT 1
Town	ROUEN
Postcode	76031
Country	France

Webpage

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	unknown
Secondary or Higher education establishment .....	unknown
Research organisation .....	unknown

**SME Data**

Based on the below details from the Participant Registry the organisation is **no** (small- and medium-sized enterprise) for the call.

SME self-declared status .....	unknown
SME self-assessment .....	unknown
SME validation .....	unknown

# Administrative forms

## Departments carrying out the proposed work

### Department 1

Department name	Medical Training Center	<input type="checkbox"/> not applicable
	<input checked="" type="checkbox"/> Same as proposing organisation's address	
Street	RUE DE GERMONT 1	
Town	ROUEN	
Postcode	76031	
Country	France	

## Links with other participants

Type of link	Participant

Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input checked="" type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)
Medical Training Center (MTC)	<i>The MTC's goal is to improve the quality of care through simulation and training. The MTC offers students, medical and paramedical professionals, the conditions for excellent training in procedural and behavioral simulation, in French or English. The training includes procedures, gestures or managem</i>

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes

☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

PIC	Legal name
999465788	INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE ROUEN

---

Short name: INSA Rouen

Address

Street	Avenue de l'Université
Town	SAINT ETIENNE DU ROUVRAY
Postcode	76 801
Country	France
Webpage	www.insa-rouen.fr

Specific Legal Statuses

Legal person .....	yes
Public body .....	yes
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	yes
Research organisation .....	yes

**SME Data**

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	16/07/1985 - no
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

INSA Rouen

☐ not applicable

☒ Same as proposing organisation's address

Street

Avenue de l'Université

Town

SAINT ETIENNE DU ROUVRAY

Postcode

76 801

Country

France

Links with other participants

Type of link	Participant



Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input checked="" type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)
LMI	<i>The Laboratory of Mathematics at INSA Rouen is a Research Ministry recognized research team. The wide variety of research themes of LMI members enables it to cover many fields of investigation, the common link being a rigorous modeling of the studied phenomena before deepening their potentialities.</i>
LMN	<i>The 3 main research fields of the Laboratory of Mechanics of Normandy are risks, uncertainties and variability, and probabilistic mechanics, reliability. <a href="https://www.insa-rouen.fr/sites/default/files/2018-04/DI291v4_EN_LMN.pdf">https://www.insa-rouen.fr/sites/default/files/2018-04/DI291v4_EN_LMN.pdf</a></i>
CERTI SPEA	<i>The CERTI SPEA offers services, technology transfer and professional training activities mainly on chemical processes, chemical analysis and polymer materials, organic synthesis, reaction kinetics, etc.</i>
CERTI Clean Energies	<i>The CERTI Clean Energies aims to initiate and manage services and technology transfer activities within INSA Rouen Normandie on industrial combustion, experimental and digital hydraulics, atmospheric pollution, energy use and management.</i>
CIEMME OpenMod	<i>The CIEMME is an advanced digital modeling and optimization platform specializes in CAD, augmented reality, multiphysics modeling software, dedicated compute servers, post-processing, geometry and topology optimization, reliability, control of variability and propagation of uncertainty.</i>

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☒ Yes ☐ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
956392453	IT@CORK ASSOCIATION LIMITED

---

Short name: IT@CORK

Address

Street	NSC CAMPUS MAHON
Town	CORK
Postcode	
Country	Ireland
Webpage	www.itcork.ie

Specific Legal Statuses

Legal person .....	yes
Public body .....	no
Non-profit .....	yes
International organisation .....	no
Secondary or Higher education establishment .....	no
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	17/04/2009 - yes
SME self-assessment .....	unknown
SME validation .....	17/04/2009 - yes

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

COO's Office

☐ not applicable

☐ Same as proposing organisation's address

Street

Rubicon CENTRE Bishopstown

Town

Cork

Postcode

T12 Y275

Country

Ireland

Links with other participants

Type of link	Participant

Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input type="checkbox"/>
Co-definition of research and market needs	<input checked="" type="checkbox"/>
Civil society representative	<input checked="" type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input checked="" type="checkbox"/>
Technology developer	<input checked="" type="checkbox"/>
Testing/validation of approaches and ideas	<input type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other If yes, please specify: (Maximum number of characters allowed: 50)	<input type="checkbox"/>



## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)
Service	<i>it@cork is a provider of learning &amp; sharing events for tech and tech enabled organisations in the region</i>
Service	<i>it@cork provides tech and tech enabled companies in the region with access to training and training subsidies</i>

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>BEWISER</i>	<i>Building Enterprises – Wireless and Internet Security in European Regions</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☐ Yes

☒ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.

## Administrative forms

<b>PIC</b>	<b>Legal name</b>
935267987	CIT INNOVATION CENTRE LIMITED

---

Short name: RUBICON CENTRE

Address

Street	CIT CAMPUS BISHOPSTOWN
Town	CORK
Postcode	T12 Y275
Country	Ireland
Webpage	www.rubiconcentre.ie

Specific Legal Statuses

Legal person .....	yes
Public body .....	no
Non-profit .....	no
International organisation .....	no
Secondary or Higher education establishment .....	no
Research organisation .....	no

**SME Data**

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status .....	17/08/2004 - no
SME self-assessment .....	unknown
SME validation .....	unknown

Administrative forms

Departments carrying out the proposed work

Department 1

Department name

Operations office Rubicon centre

☐ not applicable

☐ Same as proposing organisation's address

Street

Rossa Avenue

Town

Cork

Postcode

T12 Y275

Country

Ireland

Links with other participants

Type of link	Participant

Administrative forms

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier	
Mr	George	Bulman	Man	Ireland	George.bulman@rubiconcentre.ie			Operations manager Rubicon Centre	Other ID	

## Administrative forms

### Role of participating organisation in the project

Project management	<input type="checkbox"/>
Communication, dissemination and engagement	<input checked="" type="checkbox"/>
Provision of research and technology infrastructure	<input checked="" type="checkbox"/>
Co-definition of research and market needs	<input checked="" type="checkbox"/>
Civil society representative	<input type="checkbox"/>
Policy maker or regulator, incl. standardisation body	<input type="checkbox"/>
Research performer	<input type="checkbox"/>
Technology developer	<input type="checkbox"/>
Testing/validation of approaches and ideas	<input checked="" type="checkbox"/>
Prototyping and demonstration	<input type="checkbox"/>
IPR management incl. technology transfer	<input checked="" type="checkbox"/>
Public procurer of results	<input type="checkbox"/>
Private buyer of results	<input type="checkbox"/>
Finance provider (public or private)	<input type="checkbox"/>
Education and training	<input checked="" type="checkbox"/>
Contributions from the social sciences or/and the humanities	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>
If yes, please specify: (Maximum number of characters allowed: 50)	

Specialist entrepreneurship trainer and mentor.

## Administrative forms

List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)
<i>Start in shop</i>	<i>Entrepreneurship training and bringing innovations to market</i>

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)
<i>Large public incubator</i>	<i>The Rubicon is one of Irelands largest public incubators, it runs a wide series of training and mentoring and assists clients with tech transfer.</i>

## Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below?

☒ Yes ☐ No

### Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas** to be **covered** and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - o gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment.



Administrative forms

Proposal ID 101071321

Acronym BI4E

3 - Budget ?

No.	Name of beneficiary	Country	Role	Personnel costs/€	Subcontracting costs/€	Purchase costs - Travel and subsistence /€	Purchase costs - Equipment/€	Purchase costs - Other goods, works and services/€	Internally invoiced goods and services/€ (Unit costs-usual accounting practices)	Indirect costs/€	Total eligible costs	Funding rate	Maximum EU contribution to eligible costs	Requested EU contribution to eligible costs/€	Max grant amount	Income generated by the action	Financial contributions	Own resources	Total estimated income
1	Universitatea Tehnica Gheorghe Asachi Din Iasi	RO	Coordinator	157,300		21,000		6,000		46075.00	230375.00	100	230375.00	230,375	230375.00				230375.00
2	Universidad De Oviedo	ES	Partner	154,086		17,000		3,000		43521.50	217607.50	100	217608.00	217,608	217608.00				217608.00
3	Hochschule Karlsruhe	DE	Partner	228,520		17,000		4,000		62380.00	311900.00	100	311900.00	311,900	311900.00				311900.00
4	Universita Degli Studi Gabriele D'annunzio Di Chieti-pescara	IT	Partner	192,920		17,000		10,000		54980.00	274900.00	100	274900.00	274,900	274900.00				274900.00
5	Medical University Sofia	BG	Partner	96,300		21,000		3,000		30075.00	150375.00	100	150375.00	150,375	150375.00				150375.00
6	Universite De Rouen Normandie	FR	Partner	202,500		17,000		4,000		55875.00	279375.00	100	279375.00	279,375	279375.00				279375.00
7	Munster Technological University	IE	Partner	244,280		17,000		4,000		66320.00	331600.00	100	331600.00	331,600	331600.00				331600.00
8	Hogskolan I Skovde	SE	Partner	145,600		13,500		3,000		40525.00	202625.00	100	202625.00	202,625	202625.00				202625.00
9	Agentia Pentru Dezvoltare	RO	Associated							0.00	0.00	100	0.00	0	0.00				0.00

Administrative forms

Proposal ID 101071321

Acronym BI4E

	Regionalanord -est																		
10	Tehnopolis Srl	RO	Associated							0.00	0.00	100	0.00	0	0.00				0.00
11	Sc Intelectro Iasi Srl	RO	Associated							0.00	0.00	100	0.00	0	0.00				0.00
12	Instituto De Desarrollo Economico Del Principado De Asturias	ES	Associated							0.00	0.00	100	0.00	0	0.00				0.00
13	Compania Para La Gestion De Residuos Solidos En Asturias Sa	ES	Associated							0.00	0.00	100	0.00	0	0.00				0.00
14	University Of Medicine - Pleven	BG	Associated							0.00	0.00	100	0.00	0	0.00				0.00
15	Meditcinsky Universitet- plovdiv	BG	Associated							0.00	0.00	100	0.00	0	0.00				0.00
16	Medical University Of Varna	BG	Associated							0.00	0.00	100	0.00	0	0.00				0.00
17	Centre Hospitalier Universitaire De Rouen	FR	Associated							0.00	0.00	100	0.00	0	0.00				0.00
18	Institut National Des Sciences Appliquees De Rouen	FR	Associated							0.00	0.00	100	0.00	0	0.00				0.00
19	It@cork Association Limited	IE	Associated							0.00	0.00	100	0.00	0	0.00				0.00
20	Cit Innovation Centre Limited	IE	Associated							0.00	0.00	100	0.00	0	0.00				0.00
	TOTAL			1,421,506	0	140,500	0	37,000	0	399751.50	1998757.50		1998758.00	1,998,758	1998758.00	0	0	0	1998758.00

# Administrative forms

Proposal ID 101071321

Acronym BI4E

## 4 - Ethics & security

### Ethics Issues Table

1. Human Embryonic Stem Cells and Human Embryos		Page
Does this activity involve Human Embryonic Stem Cells (hESCs)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does this activity involve the use of human embryos?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
2. Humans		Page
Does this activity involve human participants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does this activity involve interventions (physical also including imaging technology, behavioural treatments, etc.) on the study participants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does this activity involve conducting a clinical study as defined by the Clinical Trial <a href="#">Regulation (EU 536/2014)</a> ? (using pharmaceuticals, biologicals, radiopharmaceuticals, or advanced therapy medicinal products)	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3. Human Cells / Tissues (not covered by section 1)		Page
Does this activity involve the use of human cells or tissues?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
4. Personal Data		Page
Does this activity involve processing of personal data?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does this activity involve further processing of previously collected personal data (including use of preexisting data sets or sources, merging existing data sets)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Is it planned to export personal data from the EU to non-EU countries? Specify the type of personal data and countries involved	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Is it planned to import personal data from non-EU countries into the EU or from a non-EU country to another non-EU country? Specify the type of personal data and countries involved	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does this activity involve the processing of personal data related to criminal convictions or offences?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
5. Animals		Page
Does this activity involve animals?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
6. Non-EU Countries		Page
Will some of the activities be carried out in non-EU countries?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
In case non-EU countries are involved, do the activities undertaken in these countries raise potential ethics issues?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Is it planned to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Is it planned to import any material (other than data) from non-EU countries into the EU or from a non-EU country to another non-EU country? For data imports, see section 4.	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Is it planned to export any material (other than data) from the EU to non-EU countries? For data exports, see section 4.	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does this activity involve <a href="#">low and/or lower middle income countries</a> , (if yes, detail the benefit-sharing actions planned in the self-assessment)	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Could the situation in the country put the individuals taking part in the activity at risk?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
7. Environment, Health and Safety		Page

## Administrative forms

Proposal ID **101071321**

Acronym **BI4E**

Does this activity involve the use of substances or processes that may cause harm to the environment, to animals or plants.(during the implementation of the activity or further to the use of the results, as a possible impact) ? ☐ Yes ☒ No

Does this activity deal with endangered fauna and/or flora / protected areas? ☐ Yes ☒ No

Does this activity involve the use of substances or processes that may cause harm to humans, including those performing the activity.(during the implementation of the activity or further to the use of the results, as a possible impact) ? ☐ Yes ☒ No

### 8. Artificial Intelligence

Page

Does this activity involve the development, deployment and/or use of Artificial Intelligence? (if yes, detail in the self-assessment whether that could raise ethical concerns related to human rights and values and detail how this will be addressed). ☐ Yes ☒ No

### 9. Other Ethics Issues

Page

Are there any other ethics issues that should be taken into consideration? ☐ Yes ☒ No

I confirm that I have taken into account all ethics issues above and that, if any ethics issues apply, I will complete the ethics self-assessment as described in the guidelines [How to Complete your Ethics Self-Assessment](#)



# Administrative forms

Proposal ID **101071321**

Acronym **BI4E**

## Ethics Self-Assessment

### Ethical dimension of the objectives, methodology and likely impact

Explain in detail the identified issues in relation to:

- objectives of the activities (e.g. study of vulnerable populations, etc.)
- methodology (e.g. clinical trials, involvement of children, protection of personal data, etc.)
- the potential impact of the activities (e.g. environmental damage, stigmatisation of particular social groups, political or financial adverse consequences, misuse, etc.)

Remaining characters

4594

### Compliance with ethical principles and relevant legislations

Describe how the issue(s) identified in the ethics issues table above will be addressed in order to adhere to the ethical principles and what will be done to ensure that the activities are compliant with the EU/national legal and ethical requirements of the country or countries where the tasks are to be carried out. It is reminded that for activities performed in a non-EU countries, they should also be allowed in at least one EU Member State.

Remaining characters

5000

# Administrative forms

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Acronym **BI4E**

## Security issues table

1. EU Classified Information (EUCI) <sup>2</sup>		Page
Does this activity involve information and/or materials requiring protection against unauthorised disclosure (EUCI)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does this activity involve non-EU countries?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
2. Misuse		Page
Does this activity have the potential for misuse of results?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3. Other Security Issues		Page
Does this activity involve information and/or materials subject to national security restrictions? If yes, please specify: (Maximum number of characters allowed: 1000)	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Are there any other security issues that should be taken into consideration? If yes, please specify: (Maximum number of characters allowed: 1000)	<input type="radio"/> Yes <input checked="" type="radio"/> No	

<sup>2</sup>According to the Commission Decision (EU, Euratom) 2015/444 of 13 March 2015 on the security rules for protecting EU classified information, "European Union classified information (EUCI) means any information or material designated by an EU security classification, the unauthorised disclosure of which could cause varying degrees of prejudice to the interests of the European Union or of one or more of the Member States".

<sup>3</sup>Classified background information is information that is already classified by a country and/or international organisation and/or the EU and is going to be used by the project. In this case, the project must have in advance the authorisation from the originator of the classified information, which is the entity (EU institution, EU Member State, third state or international organisation) under whose authority the classified information has been generated.

<sup>4</sup>EU classified foreground information is information (documents/deliverables/materials) planned to be generated by the project and that needs to be protected from unauthorised disclosure. The originator of the EUCI generated by the project is the European Commission.

## Administrative forms

Proposal ID **101071321**

Acronym **BI4E**

## 5 - Other questions

### Essential information to be provided for proposals including clinical Trials / studies / investigations

Clinical study means, for the purpose of this document, any systematic prospective or retrospective collection and analysis of health data obtained from individual patients or healthy persons in order to address scientific questions related to the understanding, prevention, diagnosis, monitoring or treatment of a disease, mental illness, or physical condition. It includes but it is not limited to clinical studies as defined by [Regulation 536/2014](#) (on medicinal products), clinical investigation and clinical evaluation as defined by [Regulation 2017/745](#) (on medical devices), performance study and performance evaluation as defined by [Regulation 2017/746](#) (on in vitro diagnostic medical devices).

---

Are clinical studies / trials / investigations included in the work plan of this project?

☐ Yes

☒ No

## Proposal template Part B: technical description

### BOOSTING INGENIUM FOR EXCELLENCE (BI4E)

#### List of participants

Participant No. *	Participant organisation name	Country
Coordinator (PC)	Gheorghe Asachi Technical University of Iasi (TUIASI)	RO
P2	University of Oviedo (UNIOVI)	ES
P3	Karlsruhe University of Applied Sciences (HKA)	DE
P4	University "G. d'Annunzio" - Chieti – Pescara (Ud'A)	IT
P5	Medical University – Sofia (MUS)	BG
P6	University of Rouen-Normandy (URN)	FR
P7	Munster Technological University (MTU)	IE
P8	University of Skövde (HIS)	SE

## 1 Excellence

### 1.1 Objectives

The BI4E project is born out from the emerging IngEniUm Alliance of European Universities with the ambition of enhancing the existing inter-university cooperation between the partner Universities, as well as with other entities (both international and local), and to strengthen the Higher Education Institutions (HEIs) capacity to meet the diverse challenges faced by the Higher Education System and Institutions: the twin green and digital transition, the fight against climate change, the achievement of the Agenda 2030 SDGs, all of them profound societal challenges the Universities must be ready to address, while they are under increased pressures to improve quality, efficiency and effectiveness, often with diminished resources<sup>1</sup>.

As its name declares, the project intends to give a boost to the Alliance, making it an effective instrument to promote excellence in the partner HEIs, particularly targeted to the alliance members in the widening countries, the Gheorghe Asachi Technical University of Iasi and the Medical University – Sofia, and involving leading HEIs from six different Member States (France, Germany, Spain, Ireland, Italy and Sweden) that will be sharing experience and supporting the less advanced partners. With this project, the IngEniUm Alliance partners intend to keep the momentum of cooperation initiated with the two European Universities Alliance application (the latter made it to the reserve list) and two successful applications to national funding programmes for HEI cooperation in Germany and France.

This BI4E project is particularly focusing on the research and innovation missions, completing the strategic and operational capacities of the partners, especially those from the widening countries.

As the map shows, most of the partner Universities are located in peripheral areas both in the EU and within their own countries. All the partners are mid-size Universities that share similar challenges. Therefore, the partners have come to identify five areas in which all of them consider that cooperation, exchange of experiences and mutual support will help them, and particularly those in the widening countries, to spur institutional transformation, enhance research excellence, and increase global competitiveness and attractiveness for international talent.



Figure 1: Consortium geographical coverage

<sup>1</sup> Bunescu, L. Eastermann, T. (2021) Institutional transformation and leadership development at universities. A mapping exercise. EUA





These areas of activity are closely connected with the recommendations and priorities suggested by the Commission Communications A new ERA for Research and Innovation<sup>2</sup> and on achieving the European Education Area by 2025<sup>3</sup>. The IngEniUm alliance is strongly committed to the Commission efforts to foster transnational cooperation between higher education institutions and with this project is directly responding to the Commission challenge of accelerating the transformation of higher education institutions in an open and inclusive manner<sup>4</sup>.

As detailed in the work plan, BI4E activities will directly touch six out of the seven “**transformation modules**” proposed by the Policy Report ‘Towards a 2030 Vision on the Future of Universities in Europe’<sup>5</sup>, based on the original six ERA priorities and on the new priorities set in the 2020 Communication. The report offers a long list of recommendations to strengthen the contribution of universities to the ERA partners, many of them related to the BI4E action areas, which will be addressed by the BI4E project.

BI4E action areas	Transformation modules	BI4E baseline
<b>Strategic planning</b>	TM1: Governance issues for the 2030 Vision, and legal framework for university cooperation in research and innovation.	The magnitude of the challenges Universities is facing requires them to strengthen their strategic planning capacities and social engagement to look beyond short term operational needs to anticipate and produce a long-term vision and set the strategy to achieve it. This applies to R&I strategy but also to other University missions, including contribution to SDGs.
<b>Governance and institutional capacities</b>	TM6: Knowledge-driven universities in the context of digital changes – the transition to open science (through FAIR and open data), open access and open education.	While there is a diversity of situations depending on the country and the HEI model, Universities are often limited by strict and sometimes outdated regulations and governing, management and operational structures are poorly equipped to meet the growing and fast-changing societal needs and demands.
<b>Excellence and cooperation in research</b>	TM3: A strategic European Research and Innovation agenda: the central role of universities as research actors.	Cooperation in research between the BI4E HEIs is still limited, as well as the participation in EU projects. However, they all have some world-class research groups. With proper support, guidance and incentives, they may attract counterparts and raise the Universities international profile. Interdisciplinarity should also be promoted.
	TM2: Maintaining trust and research integrity.	As main scientific institutions in their areas, the BI4E partners have a special responsibility towards trust and research integrity, ensuring excellence and ethics in research and disseminating knowledge through well-designed open science policies.
<b>Interaction with industry</b>	TM5: Fostering increased knowledge transfer and collaboration between academia and non-academic sectors	The strengthening of connections and interaction with non-academic sector to build and reinforce local and regional ecosystems around the BI4E partners is critical to fulfil their missions, not only to contribute to economic development but also to guide research and education towards to key societal challenges.
<b>Research careers</b>	TM4: Strengthening human capital and working conditions in universities.	Improving policies and structures that make easier and more efficient the attraction, growth and retention of talent is essential for enhancing research excellence. Inadequate recruitment and career systems are two of the major causes of brain drain.

As Table 1.1 summarises, the project intends to foster strategic planning capacities, institutional transformation,

<sup>2</sup> COM(2020) 628 final; SWD(2020) 214 final

<sup>3</sup> COM(2020) 625 final; SWD(2020) 212 final

<sup>4</sup> COM(2020) 625 final, §3.5

<sup>5</sup> Whittle, M. et al. (2020) Towards a 2030 Vision on the Future of Universities in Europe. Policy report produced by CSES for the European Commission, DG for Research and Innovation Academic R&I and Research Organisations

excellence in research, talent attraction and connections with local ecosystems in the partner HEIs, particularly those in the widening countries (Romania and Bulgaria). The project will improve HEI capacity to address major challenges, through the implementation of strategic planning adapted to their needs, institutional transformation, cooperation in terms of research, fostering entrepreneurship and the promotion of international scientific careers. The project will help to build closer cooperation links between the partners that will facilitate the exchange of information, knowledge and experience. At the end of the project the Alliance will be much more prepared to become a fully operational European University Alliance, in which cooperation in education and research will be carried out seamlessly.

**Table 1.1 Project objectives and outcomes**

No	Objective	Key outcomes	Indicators
1	Develop the strategic planning capacities in the Widening countries partner HEIs	Strategic planning processes launched in the targeted HEIs	Nr of strategic plans produced
2	Support institutional transformation and stronger governance structures in the Widening countries partner HEIs	Staff from the Widening countries partner HEIs better fitted to cope with University management challenges	Nr of staff involved in study visits and seminars
3	Enhance research capacity and performance in the Widening countries partner HEIs	Identification of world class research groups in the Widening countries partner HEIs	Nr of co-authored publications in indexed journals Nr of participations in Horizon Europe projects
4	Promote closer and durable cooperation between research groups from the partner Universities	Increased participation of Widening countries partner HEIs in Horizon Europe applications	Nr of participations in Horizon Europe applications
5	Improve the partner HEIs ability to liaise with the industry, to transfer knowledge and to commercialise research results.	Strengthening of university clusters in the Widening countries partner HEIs	Nr of research contracts with private companies Nr of knowledge-based companies
6	Modernise and make more attractive the scientific career for all	Increase of the number of early-stage researchers (categorised by sex) who publish in indexed scientific journals	Increase the H-index of a selected group of young researchers

Actually, the BI4E partners are already taking initiatives in all these five areas action. The progress achieved so far will be the baseline for project objectives and outcomes. Previous research carried out for the preparation of the application shows the two project partners from the widening countries are mostly undertaking exploratory actions in each of them, while some of the other partners are already moving forward. Some of them are taking particularly relevant initiatives that may act as lighthouses, not only for the partners from the widening countries but even for the whole consortium.

Topic	Situation in the partner Universities from the Widening countries	Particularly relevant initiatives in the other partners Universities
Strategic planning	Both TUIASI and MUS have strategic plans, mostly restating the elected rector programme. The document is produced by the rectoral team and approved by the University governing bodies. Topics such as SDGs, equal opportunities, open science, digital information or sustainability should be addressed or further developed in their Strategic Plans.	All of them have a structured strategic planning process. In most cases the University strategic plan is produced by the University staff and involves main local stakeholders. The partner Strategic Plans comprehensively address the challenges ahead, beginning with educational and research excellence, twin transitions, social engagement and responsibility, gender balance, talent attraction, contribution to SDGs, internationalisation, among others. URN sophisticated planning process due to produce a long-term paradigm shift and MTU recently merging process will be of interest as case studies for the whole partnership.

Topic	Situation in the partner Universities from the Widening countries	Particularly relevant initiatives in the other partners Universities
Governance and institutional capacities	Limited involvement of non-academic stakeholders in university governance. Both Universities are striving to cope with the twin transitions. International alliances are not well established. They are taking the first steps to mainstream gender equality.	Partner HEIs feature quite different yet well-established governance structures responding to national regulations and academic traditions. Most of them have governing bodies with strong participation of external stakeholders. They have enacted specific programmes and measures to boost digital and green transitions. Interdisciplinary institutes, study and research programmes are becoming the norm. All of them have long-standing gender equality policies.
Excellence and cooperation in research	Few instruments to promote excellent research and to support leading research teams to get involved in European research cooperation programmes.	Fostering excellent research is at the top of the partner strategic priorities, being aware of the increased competition they face to attract talent. Universities are supporting researchers to cooperate at local, EU and global level, as a key instrument to enhance research excellence. All the partner HEIs have dedicated units to support involvement in EU R&D projects; some of them have got particularly strong schemes. Some of the partners are actively engaged in Open Science and research integrity initiatives (MTU, URN)
Interaction with industry	TUIASI and MUS have established Tech Transfer Offices (TTO) to support marketing of research results, very recently in the case of MUS. The instruments available and the impact achieved are quite limited. They still lack a local ecosystem strategically linked with HEI	The partners are actively liaising with industry at local level and beyond. Cooperation with industry is usual, either on case by case or more systematic approach, through industrial clusters. All of them have TTO, but performance is mixed. They are also becoming increasingly entrepreneurial. All of them have specific programmes to promote spin-offs and tech and knowledge-based start-ups: incubators, training, expert advice, among others. Such supporting programmes are becoming increasingly sophisticated and successful (as in HKA).
Research careers	Neither of them has signed the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers, nor the Human Resources Strategy for Researchers. Retaining and attracting talent is a critical challenge for both HEIs.	Despite the fact that all partners are concerned with talent attraction and retention, and some of them are suffering brain drain, concrete initiatives to remove obstacles to research careers are scarce. Some partners haven't yet ratified the Charter and the Code or the HRS4R Human Resource. The project is therefore an opportunity to progress all together in this field.

With the BI4E project, the partners will work together over three years to improve the situation in these key areas and will boost institutional transformation, improve governance, enhance research excellence and support the cooperation between the Universities and the surrounding ecosystems.

## 1.2 Coordination and/or support measures and methodology

The project as a whole is structured as a progression through those priority areas for the transformation of the universities:



The project methodology and measures are designed around these five priority areas, each of them being the object of one of the work packages (WPs), with two additional transversal WPs dealing with project management and coordination and with the dissemination and communication of project activities and results. Therefore, all the five WPs follow a similar methodological pattern:

- Each WP begins with a task or a group of tasks dedicated to the **collection and analysis of information**, to get a deeper insight on the situation of the partner HEIs in each of the priority areas (and therefore the WPs). This will be implemented through surveys and collection of good practices. Under each WP, the research will particularly focus on the situation of the Widening partners, but it will also cover the rest of the partnership, to allow comparisons and mutual learning, and the exchange of knowledge across the project. In some cases (WP1)

this initial research is embedded in the preparation of the exchange of experiences.

- Then, in a second stage, the partners will implement specific **actions to exchange of experiences, share knowledge and enhance capacities, through study visits, seminars or workshops**. In some WPs the partners will also produce and disseminate technical and policy documents based on the previous research, using the partner cases and good practices, as well as the lessons learned from their successes and failures. Documents, seminars and study visits will help to dissemination of information and knowledge across the partner organisations. Whenever possible, these coordination and support activities will particularly involve and benefit the partners from the Widening countries, which will host the seminars and workshops or involve additional people in the study visits.
- Finally, the third phase under each WP is dedicated to the **implementation and follow-up of the lessons learned**, in a view of establishing durable coordination and support initiatives and frameworks. This third phase of the methodology seeks to set up or reinforce long-term cooperation and collaboration among Consortium members by establishing bodies, platforms, and networks to ensure feedback over time. For instance, the creation of an Advisory Council for Strategic Planning, the development of an Open Cloud Platform to ease research cooperation, the implementation of a Network of Technology Transfer Offices, or the development of training programmes to improve planning or management skills of academic and administrative staff.

This methodology is reflected in the main tasks and deliverables proposed:

WP	Collection and analysis of information	Exchange of experience and transfer of knowledge	Implementation of lessons learned
WP1	Collection of good practice on strategic planning	Seminar on strategic planning Position paper on the EHEA challenges	Strategic Advisory Council Support to Strategic Planning in the Widening countries
WP2	Survey on the governance and resource management systems Identification of drawbacks and good practices in governance	Study visits and staff training exchanges Seminar on fundraising	Guidelines for better governance and institutional transformation
WP3	Collection and sharing of best practices in research Identify infrastructures and resources to be shared	Workshop on Advancing Research Integrity Practices and Policies	Open cloud platform for matching research interests
WP4	Identification of good practice and success stories in tech transfer	Awareness raising/Training on entrepreneurship support Catalogue of services associated with innovation	Network of Technology Transfer Offices
WP5	Survey academic staff on conditions and incentives Survey of partner universities on challenges to attract academic talent	Guidelines for human resource management based on best practices	Training programmes for research/academic staff

The project methodological structure is deployed through these five WP, each one covering one of the key topics or areas of improvement identified, as follows:

#### a) Developing strategic planning capacities

The universities of the Consortium, aware of the major challenges, are committed to strategic planning as the main decision-making tool to set the path for the progress of HEIs.

In WP1 partners will identify best practices in their strategic planning processes: decision-making process (definition of strategic orientations, approval process, consultation and integration of external partners and/or students, decision-making body), monitoring indicators, periodicity of strategy review, long and short-term evaluation.

Two seminars to identify and discuss good practices of partners in strategic planning processes will be organised. The information obtained in these seminars will be completed with study visits by the Widening Countries and finally the GPs will be collected in a document to support all partners in implementing their strategies.

Following the methodological outline, a common document will be elaborated with the degree of influence and importance of the main challenges faced by universities (Internationalisation, Sustainability, Equal Opportunities, Open Science, Brain Drain, Green and Digital Transition, Green Deal, Sustainable Development Goals - Agenda 2030). In order to elaborate this Position Paper, a survey will be conducted among all consortium partners to identify



the main challenges faced by universities and the approaches taken by each HEI in relation to these challenges. The WP1 leader will be responsible for coordinating this survey, collating the results and preparing a document presenting how the various key challenges influence the strategies of the HEIs and formulating recommendations for a joint long-term strategic action plan in relation to these challenges.

In line with the objective of establishing long-term collaborative frameworks, a Consortium Advisory Council will be set. It will be integrated by senior staff from the partner Universities and external advisors. It will provide input and support in strategic planning processes carried out in the partner HEIs, especially those from the Widening Countries. The WP1 leader will coordinate the appointment of the members of the Council, the drafting of its rules of procedure and the communication and dissemination of the decisions taken within this Council.

#### **b) Strengthening governance and institutional capacities for institutional transformation**

Having shared the strategic planning framework among the partners, the BI4E project will focus on how to foster improved and transformative governance models. BI4E will inspire Consortium members to promote more balanced, inclusive and smart growth, in the framework of Smart Specialisation Strategies, and to contribute to the European Green Deal and other European challenges.

In order to understand partners' current governance and resource management models and to identify best practices of each partner, a survey will be carried out as part of WP2, addressing key issues such as research management, digital and ecological transition, open science, gender balance, models of engagement with local ecosystems and European funding. It will also identify the specific policy, organisational and administrative challenges faced by higher education institutions in enlargement countries in addressing their internationalisation and institutional transformation.

To enhance the staff skills, especially administrative staff and staff directly involved in governance and resource management, 2-3 study visits will be organised.

Funding and resource management is an important pillar. A webinar will be organised to raise awareness regarding alternative funding. It is important that these funding schemes also function as a means of engagement with the environment, as they could involve not only political bodies, but all actors in the surrounding ecosystem.

All these lessons learnt will be collected and implemented at partner universities through the Guidelines for Better Governance and Institutional Transformation, which aim to strengthen the links between academia and business and to foster the involvement of regional actors in R&I processes, as outlined in this call.

#### **c) Excellence and cooperation in research**

The BI4E project aims to optimise and improve the cooperation frameworks between the partners in order to share common interests in the field of research. To this end, it implements actions to facilitate, accelerate and, above all, sustain cooperation between partners over time.

It is in WP3 that BI4E helps to identify best practices and policies in research. To this end, a workshop is first designed and delivered among partners on the recommendations of the European Code of Conduct for Integrity in Research, as the European Commission recognises this Code as a reference document in all EU-funded research projects and as a model for organisations and researchers across Europe. All partners will sign a commitment to comply with the Code which will be implemented at each University. As part of the first phase of exchange of good practices, partners' best practices will also be identified against the recommendations of the European Code of Conduct for Integrity in Research.

With the aim of achieving more successful participation in Horizon Europe and more research consortium leadership roles, especially from the Widening Countries, an Open Cloud-based Platform (CONNECT) will be designed to match research interests and identify opportunities for applying for calls in Horizon Europe.

CONNECT, will be an open cloud-based Explainable Artificial Intelligence (XAI) platform for research interest matching. The WP3 leader will be responsible for the development and implementation of CONNECT. This platform is relevant for both digitisation and green deal. For digitisation, it allows the development of a virtual environment for sharing research interests. As for the green deal, it reduces the mobility of university staff in the early stages of research collaborations.

#### **d) Enhancing social and economic impact: a stronger University ecosystem**

In addition to education and research, universities have a third mission: to contribute to socio-economic development. This implies a transformation from the Research University to the Entrepreneurial University and requires efforts to commercialise the results of their research, either through contracts with external institutions or through the creation by researchers of technology-based companies or spin-offs. The creation of such a company also facilitates researchers to obtain additional resources to fund their research.

One of the main expected contributions of this call is to establish long-term cooperation with actors in the surrounding

system, including the industrial environment. BI4E therefore improves the capacity of partners to engage with industry and align their research strategies with market needs.

The first step is to identify the main success stories of the partners in technology transfer and to analyse how they manage to optimise technology transfer from their research. Each partner will choose 3 successful cases in spin-off development and prepare a presentation of the cases with the phases and procedures applied, as well as the strengths and weaknesses of each case. The lead WP4 will collect the best practices in a GP in entrepreneurship document.

Due to the importance of the contribution of the University through the creation of spin-offs and patents that respond to the needs of society, different training and awareness-raising actions will be designed to meet the knowledge needs of researchers and other staff in these fields.

In order to create a catalogue of innovation support services to help partners who do not have them, each partner will present 3 case studies and identify the strengths and weaknesses of the implementation process and the results. The partners will, during the project, following the presentation of each case study, develop and publish a Survey and catalogue of good practices of relevant innovation support services and containing in its appendix a minimum of 12 best case studies on the different topics covered by technology transfer services, intellectual property management, research contracts, industry-supported chairs, incubators, contracts with industry.

A good example of how partner figures contribute to fostering the relationship with industry is Task T4.5, where MTU will use a success story from an Associate Partner on how to develop sectoral organisations that facilitate relationships with industry.

With work package 4, the BI4E project aims to contribute to the development and implementation of an image of the university that recognises and promotes its role and contribution to socio-economic development and the business modernisation process. The way to establish long-term relationships through organisations such as the Network of Technology Transfer Offices between the partners of the Consortium consists of a long-term work of exchange of experiences and good practices to channel R&D&I activities from the scientific field towards the interests of the productive sector and society. With a defined periodicity, meetings of the representatives of each TTO will be held to share new developments and new experiences.

The WP4 leader will lead all partners in their collaboration to produce a best practice study on the functioning of technology transfer offices in a number of European economies.

### **e) Fostering research careers and talent attraction and growth**

A common goal of all partners is to be able to improve the attraction and retention of research talent. That is why through WP5, the Consortium implements the necessary actions to detect the main reasons for the lack of talent retention and attraction. Firstly, a survey of academic staff will be carried out on the issues that incentivise the attractiveness of professional environments.

Survey of academic staff on the conditions and incentives they value to create attractive professional environments. The other source of information regarding talent is the universities themselves and their policies. Therefore, another survey will be carried out with each partner to obtain the best practices in terms of talent attraction.

Both the results obtained from the research staff survey and the best practices of the partners themselves will be documented in the Human Resources Management Guidelines that will serve as a framework for the implementation of each partner's own policies.

As a final result of this WP5, the training needs identified in the two surveys carried out will be translated into trainings that can be implemented in the partners' training plans according to their needs. These trainings could include cross-cutting issues for all partners, always from a diversity and inclusion point of view.

## **1.3 Other elements**

### **1.3.1 Do no significant harm' principle**

The analysis of the "no significant harm" principle in relation to the actions proposed in this project has taken into account the provisions of Article 3 in relation with Article 9 and 17 of Regulation (EU) 2020/852 (the Taxonomy Regulation). Article 3 indicates that an economic activity shall qualify as environmentally sustainable where that economic activity does not significantly harm any of the environmental objectives set out in Article 9 in accordance with Article 17, which defines what constitutes "significant harm" to the six environmental objectives covered by the Taxonomy Regulation.

#	Objective	Project compliance
1	Climate change mitigation	None of the proposed activities are expected to result in significant greenhouse gas emissions.

2	Climate change adaptation	It is not foreseeable that any of the proposed activities could lead to an increased adverse impact of the current climate and the expected future climate, on the activity itself or on people, nature or assets
3	Water and marine resources	None of the proposed activities is likely to be detrimental to the good status or the good ecological potential of bodies of water, including surface water and groundwater; or to the good environmental status of marine waters;
4	Circular economy	It is not foreseeable that any of the proposed activities could lead to significant inefficiencies in the use of materials or in the direct or indirect use of natural resources; to a significant increase in the generation, incineration or disposal of waste; or to the long-term disposal of waste that may cause significant and long-term harm to the environment
5	Pollution	None of the proposed activities is expected to lead to a significant increase in the emissions of pollutants into air, water or land, as compared with the situation before the activity started.
6	Biodiversity and ecosystems	None of the proposed activities are likely to be significantly detrimental to the good condition and resilience of ecosystems; or to the conservation status of habitats and species, including those of Union interest.

### 1.3.2 Research data management and management of other research outputs:

While it is not expected that the BI4E project will produce large amount of data that could be reused for other research purposes, the project will grant open access (free of charge, online access for any user) to all scientific publications resulting from the project. To ensure this open access to all peer-reviewed scientific publications and to other project deliverables, a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication will be deposited in a repository providing free access (e.g. ResearchGate). All data produced in the project will be published in the open access section of the project website and disseminated to all audiences with tailored strategies, especially by means of fostering local and global open science communities via openaire.eu, practicing the FAIR principles, to make the data findable, accessible, interoperable and reusable.

## 2 Impact

### 2.1 Project's pathways towards impact (4 pag)

The composition of the consortium and the methodology and activities proposed will result in significant contributions to the outcomes expected in the WIDERA Work Programme, as indicated in the topic description:

Expected outcomes	BI4E expected impact
Integrated and longer-term cooperation between the partner higher education institutions (HEI) in the network, and with actors in surrounding ecosystems, jointly creating critical mass to contribute better to major societal challenges;	The strengthening of the cooperation between the partner HEIs is the central objective of the project. The specific objectives selected are directly intended to consolidate and invigorate the previous cooperation joint initiatives: the unsuccessful European Universities' Initiative applications and the on-going nationally funded projects. A good number of the project objectives and activities aim at supporting the partner HEIs (particularly those from the widening countries) to improve connections with their local ecosystems and enhance the pivotal role of Universities in addressing societal challenges, also through international research cooperation.
Tangible progress towards institutional transformation / modernisation of HEI (in its broadest sense), including through pilots or study cases, with a particular emphasis on the entities located in widening countries;	All the project specific objectives and activities are primarily devised to support the progress and improvement of capacities, structures and processes in the partner from the widening countries, whether concerning strategic planning, governance, research excellence, connection with industry or talent and career development. Under each of the areas of activity (i.e. the WPs), the collection and exchange of information and knowledge will lead to concrete implementation actions (launch of strategic planning processes, training of staff, development of tools to ease and encourage research cooperation, policy changes...).

Strengthened cooperation with a view to raising excellence, global competitiveness, and general attractiveness for international talents and investments, including gender equality provisions; this includes preparations to embark onto the potential future European Universities initiative;	Keeping the momentum of cooperation and preparing the IngEniUm consortium for the European Universities' application has been the main inspiration for this project. Then, the project has been devised to produce concrete impact in key areas for the partner HEIs. Project objectives and activities address five critical areas (planning, governance, research excellence and integrity, connection with industry and talent attraction and career development) every University needs to continuously improve to fulfil its mission and keep up in the increasingly competitive environment of higher education. Project activities proposed are rather concrete, aiming at producing immediate impact in each of these key areas.
Contribute to a portfolio of successful cooperation models for modernisation/ transformation at research and innovation level, in synergy with HEI's education dimension; identify remaining barriers at regional/national/EU level hampering cooperation between HEI and modernisation of HEI; act as a regional role model of successful transformation;	The partner HEIs are particularly aware of the numerous constraints and obstacles Universities imposed by national regulations (including funding schemes) <sup>6</sup> , which often make changes in strategy, governance or management practically impossible. While acknowledging that changing national regulatory framework will be extremely challenging, partners intend to cooperate under WP3 to identify such barriers and produce guidelines for good governance and institutional transformation, particularly targeting the widening countries.
Facilitate future synergies between the European Education Area and the European Research Area, in particular in relation to the European Universities alliances.	The IngEniUm Consortium was formed as an Alliance of European Universities and applied to the last Erasmus + call, making it to the reserve list. The proposal had a strong educational content, according to the call priorities. The Consortium has kept the momentum and the German and French partners have secured national funding for specific assignments, dealing with digitisation of education. This BI4E project is particularly focusing on the research and innovation missions, completing the strategic and operational capacities of the partners, especially those from the widening countries.

BI4E will create a cooperation framework among the partner HEIs to empower Universities (especially from Widening Countries) as agents of change, in order to take advantage of knowledge and innovative technologies for the benefit of scientific communities, industry and society at large. The project supports the digital and ecological transition of the HEIs of the Consortium by providing the systematics and the environment necessary to face the major challenges, as well as policy recommendations indicating the steps needed to increase their innovation potential.

Within this framework, the main priorities of the EU will be addressed, such as:

- Institutional modernisation of HEI
- Longer-term cooperation between the partner HEI in the network, and with actors in surrounding ecosystems
- Strengthened cooperation to increase excellence, global competitiveness and overall attractiveness for international talent and investments
- Identification of specific organizational, administrative and regulatory barriers in HEI institutions in widening countries.

The objectives of work packages WP1, WP2, WP3, WP4 and WP5 fit perfectly with the concerns expressed by the European Commission in the Communication (COM(2020) 628 final) where it sets the need to improve access to excellence as one of the four main strategic objectives. In particular, the quest for greater excellence requires a stronger R&I system in which best practices are disseminated more rapidly across Europe.

In addition, within Horizon Europe's strategic plan, there is an objective to underpin geographical diversity, build the capacity needed to be able to participate successfully in the R&I process and promote networking and access to excellence, thereby optimizing the impact of Pillar 2 and contributing to the objectives of the whole program.

## 2.2 Measures to maximise impact - Dissemination, exploitation and communication

Being a coordination and support action, the project has a very strong component of dissemination and

<sup>6</sup> Whittle, M. et al. (2020) p. 36; Pruvot, E. B., and Estermann, T. (2017). University Autonomy in Europe III: The Scorecard 2017. EUA;



communication, and the aspiration of achieving the implementation of project results and a long-term impact on the key areas of improvement identified.

In some cases, main target groups are going to be directly involved in the implementation of the actions: participating in surveys, attending meetings, workshops and seminars, travelling abroad to get further insights of good practices, drafting or discussing working documents or joint project proposals. However, it will be necessary to plan strategies and actions to maximise project impact beyond those directly involved, as full and long-lasting impact will only be achieved if the project results are widely shared, particularly in the partner from widening countries.

### **Draft ‘Plan for the exploitation and dissemination of the project's results’ (PEDR)**

This draft ‘Plan for the exploitation and dissemination of the project's results’ (PEDR) broadly explains the strategy that the project is going to follow to maximize both of them. The PEDR will be updated as the project implementation progresses, to take into account the effective results achieved, and the exploitation and dissemination activities undertaken.

### **The PEDR framework: the expected project results and the target groups.**

Partners expect that BI4E will produce significant impact on the priority areas selected in a number of key target groups:

Project results	Dissemination objectives	Target group - users
Development of strategic planning capacities in the partner HEIs from Widening countries	Raise awareness about the importance of strategic planning Increase participation in strategic planning processes	Members of HEIs’ governing bodies, political decision-makers and stakeholders HEIs’ top management staff
Institutional transformation and stronger governance structures in the partner HEIs from Widening countries	Gain support for governance and institutional transformation Improving management skills of key HEI staff	Members of HEIs’ governing bodies and stakeholders HEIs’ top management staff
Enhanced research capacity and performance in the Widening countries partner HEIs	Identification of areas of improvement for research management Increase interest among research groups on societal challenges Promote Open Science and research integrity	Research groups HEIs’ top management staff
Closer and durable cooperation between research groups from the partner Universities	Increase the number of groups ready to participate in research cooperation projects Increase the number of joint research proposals	Research groups
Improved HEIs ability to liaise with the industry, to transfer knowledge and to commercialise research results.	Raise the awareness and the interest in cooperation among researchers and industrialist Enhance HEI position in local innovation ecosystems	Research groups Local industry associations Tech Transfer Officers
Modernised and more attractive scientific career for all	Raise awareness about the need of making research careers more attractive, and about the existing constraints for women and young researchers. Disseminate best practice in talent attraction and research career development	Research groups HEIs’ top management staff Early-stage researchers

### **The implementation of the PEDR: How are the project results expected to be exploited and how are the different target/user groups going to be reached?**

As the project progresses and activities are implemented, some members of target groups will be directly involved, while communication and dissemination actions will allow to share the project outcomes with larger groups not directly involved, to increase the global impact of the project. Technical and policy documents and attendance to seminars and workshops will be the main tools for dissemination of information and knowledge, but other instruments will be used to reach a wider audience. The project will make use of partner internal communication tools for knowledge dissemination at local level. Best practices and case studies will be documented and adapted to the specific needs of end-users, to bring project results as close as possible to practice.

User groups	Dissemination channels	Impact and exploitation of project results
Members of HEIs' governing bodies and stakeholders	Seminars and knowledge exchange events Local working groups Dissemination events	Enhanced awareness about strategic planning Increased participation in strategic planning processes Better results of strategic planning process Increased support to institutional transformation and innovation
HEIs' top management staff	Seminars and knowledge exchange events Local working groups Dissemination events Guidelines and technical documents	Enhanced awareness and understanding of strategic planning processes; Better results of strategic planning process Improved planning and management skills Acceleration of organisational change and institutional transformation Better HR management
Research groups	Direct communication Local working groups Seminars and knowledge exchange events	Increased interest in research cooperation; Access to EU research funding. Better understanding of needs and interests of early-stage researchers; Improve management of research careers, talent attraction and development
Tech Transfer Officers	Seminars and knowledge exchange events Local working groups Dissemination events Guidelines and other technical documents	Improved capacity to liaise with industry Understanding of alternatives to promote tech transfer and industrial projects Reinforcing structures and processes to support industrial connections
Local industry associations	Direct communication Local working groups Dissemination events	Better understanding of University innovation potential Increase of industry-academia cooperation projects Set up permanent structures to support industrial connections

#### b) Communication and outreach activities

Beyond the groups targeted to maximise project impact and exploitation of project results, according to the guidelines indicated above, the PEDR will also encompass a comprehensive communication strategy.

With its communication strategy, the BI4E will bring forward the challenge the project is addressing, its objectives, activities and results to general audiences beyond the stakeholders that may be more directly concerned, as explained in the draft PEDR above. A specific work package (WP6) is dedicated to design and implement the communication strategy. The document will identify the main communication objectives, the priority target groups, the appropriate messages and the preferred channels and tools. It will also define the BI4E corporate identity and the user rules, and the main communication activities and tools (Press releases / Articles / Interviews / Social Media / etc.). The strategy will also propose a communication action plan, to distribute the communication activities between the partners and set an indicative schedule. It will also make sure the EU communication rules are respected.

This WP will be coordinated by the 'university-driven' Clusters (Energy, Environment and Climate Change and Biomedicine and Health) team at UNIOVI which promotes, disseminate and divulgate concrete international and national R&D projects/activities within the involvement of UNIOVI researchers and participates actively in public-private driven partnerships and networks of the strategic sectors in the region. UNIOVI participates also actively in public-private driven national and international partnerships and networks of relevant industrial sectors of the Green Deal topics and which will help to outreach the project at EU level: e.g. the EU Just Transition Platform, the European Energy Research Alliance (EERA), the European AENEAS Industrial Platform (Components & Systems to Strengthen European Competitiveness platform), the European Platform S3P Mining and Metallurgy Industry and the European Regions Research and Innovation Network (ERRIN).

Dissemination & Communication activities in the BI4E are designed to maximize the impact of the project and disclose any appropriated information coming out of the programmed tasks and activities, promoting the visibility of the project and disseminating project results to the different stakeholder groups.

UNIOVI with all the other partners will create and update a list of external events where the BI4E could be presented. It will be the role of all the partners to present the project on behalf of the consortium. UNIOVI will create a PowerPoint presentation to be used at external events, which will be updated regularly in line with project outcomes. A bi-annual newsletter (D6.1.3) will be produced (six in total) to inform about the project's progress and main results and announce events. It will gather the main news, events, information and events BI4E and close projects.

BI4E will also communicate through **social media** and other platforms. A social media strategy, with goals, audiences, targets and outcomes will be included in the Dissemination Plan. Twitter and LinkedIn profiles will be the main platforms used to promote the project and activities to the different stakeholder groups, with a particular emphasis on the dissemination of the project and participation in events. A YouTube channel (or similar tools) will be created to showcase videos and any other visual materials. Traditional media use will be also promoted through the use of newspapers, blogs, radio broadcasting or press conferences as an additional instrument to communicate the activities and results of the project to target groups and the wider society. A Newsletter It will be circulated at key events and distributed electronically among the stakeholder/dissemination network and any other audiences of interest. In order to disseminate the project outcomes, UNIOVI with the support of project partners will organize a **Final BI4E Event** (D6.1.4) gathering 100 participants in Oviedo (ES) to communicate project results and discuss challenges and future actions in HEI.

A dedicated and independent project **website** will be the primary vehicle for overall dissemination of the project's objectives, activities and results towards the main target groups but also to the wider University community. The website will be maintained for at least the duration of the project and five years thereafter. It will contain all relevant information about the project. EU support will be recognised and will link to the work program and other relevant EU-funded actions. The EU logo and other key communication elements (text, grant number) will be prominently displayed. The website will be in English.

The communication department of the partner Universities will also contribute to the communication activities, ensuring the coverage in regional and national media, but also to the on-line and networking activity, development of promotional materials, or providing contents to the project website.

## 2.3 Summary

### KEY ELEMENT OF THE IMPACT SECTION

SPECIFIC NEEDS	EXPECTED RESULTS	D & E & C MEASURES
HEIs are confronted to new challenges requiring stronger anticipation and planning capacities and social engagement; Partner HEIs from widening countries are developing strategic planning capacities	Strategic planning processes launched in the HEIs Increased participation of internal and external stakeholders in strategic planning processes	Seminars and knowledge exchange events; Study visits; Guidelines and technical documents; Web site
Universities are often limited by strict and sometimes outdated regulations and governing, management and operational structures are badly equipped to meet the growing and fast-changing societal needs and demands.	Key staff in the partner HEIs from the widening countries will be better equipped to deal with institutional transformation and organisational and management challenges	
Cooperation in research between the BI4E HEIs is still limited, as well as the participation in EU projects. Universities have a special responsibility towards trust and research integrity, ensuring excellence and ethics in research and disseminating knowledge through well-designed open science policies.	Identification of world-class or emerging research groups in the partner HEIs, particularly in the widening countries Increased participation of partner HEIs from the widening countries in Horizon Europe applications Production and dissemination of guidelines on research integrity and open science.	Direct communication; Local working groups; Seminars and knowledge exchange events Guidelines and technical documents.
Limited interaction with local industry. Weak University-industry ecosystems. The concept of entrepreneurial University is not yet firmly ingrained: difficulties to exploit research results, low entrepreneurial spirit, limited business support schemes.	Strengthening university clusters in the widening countries partner HEIs	Seminars and knowledge exchange events; Study visits; Local working groups; Dissemination events; Guidelines and other technical documents
Brain drain and difficulties for talent attraction. Strongly hierarchical structures hamper research careers of early research staff and make breaking the glass ceiling more difficult for women researchers	Increase of the number of early-stage researchers (sorted by sex) who publish in indexed scientific journals	Direct communication; Local working groups; Dissemination events

TARGET GROUPS	OUTCOMES	IMPACTS
Members of HEIs' governing bodies and stakeholders	Enhanced awareness about strategic planning; Increased participation in strategic planning processes; Better results of strategic planning process; Increased support to institutional transformation and innovation	Nr of strategic plans produced
HEIs' top management staff	Enhanced awareness and understanding of strategic planning processes; Better results of strategic planning process; Improved planning and management skills; Acceleration of organisational change and institutional transformation; Removal of unjustified bureaucratic barriers to cooperation in research; Better HR management; Better understanding of needs and interests of early-stage researchers;	Nr of staff involved in study visits and seminars Increase the H-index of a selected group of young researchers
Research groups	Increased interest in research cooperation; Access to EU research funding; Better understanding of needs and interests of early-stage researchers; Improved management of research careers, talent attraction and development	Nr of co-authored publications in indexed journals Nr of participations in Horizon Europe projects Increase the H-index of a selected group of young researchers
Tech Transfer Officers	Improved capacity to liaise with industry; Understanding of alternatives to promote tech transfer and industrial projects; Reinforcing structures and processes to support industrial connections	Nr of research contracts with private companies
Local industry associations	Better understanding of University innovation potential; Increase of industry-academia cooperation projects; Set up permanent structures to support industrial connections	Nr of research contracts with private companies
Society at large	Higher appreciation of University role and importance of multiple missions of higher education institutions: research, education, economic development, social engagement.	Nr of publications in web, social media and off-line media

### 3 Quality and efficiency of the implementation

#### 3.1 Work plan and resources

The objectives of BI4E are achieved through seven work packages, each of them with a leader responsible for managing, coordinating, delivering upon tasks and achieving the deliverables. Key staff from each University will be fully involved in the implementation of the project.

WP0 ensures the agile coordination of the overall project implementation, ensuring a result-oriented allocation of resources, adjusting the schedule of activities to the reality of the project implementation and informing all teams and partners in an efficient way.

Working groups will meet as established in the specific WP. The cross-cutting Working Groups will hold regular meetings by videoconference; if necessary, they will meet in parallel to the SC. Meetings with other potentially innovative scientists and companies from other fields of industries and sciences will be held during short meetings of half a day, following a SC or a WG. Project management meetings will be scheduled to reduce travel costs and other resources, and to reduce the project carbon footprint.

Months of the project																
	1	3	6	9	12	15	18	21	24	27	30	33	36			
WP0- Management and coordination																
T0.1. Project Kick-off																
T0.2. Project management and coordination																
T0.3. Project Administrative and Financial Management, Monitoring and Reporting: Periodic and Final Reports																
WP1- Building strategic planning and forward-looking capacities																
T1.1- Exchange and transfer of experiences in Strategic Planning																
T1.2- The Consortium position paper on the Universities and the EHEA/ERA and SDG challenges																
T1.3- Supporting Strategic Planning process in the Widening countries and elsewhere: The Consortium Advisory Council																
WP2- Fostering institutional transformation: improving governance and resourcing																
T2.1- Survey on HEI governance and institutional transformation of the partner universities																
T2.2- Study visits and staff training exchanges																
T2.3- Online Seminar on fundraising: incentives, sponsorship, crowdfunding, European funds, etc.																
T2.4- Guidelines for good governance and institutional transformation																
WP3- Cooperation for Excellence in research																
T3.1- Identify leading research groups and best practices in research and research support policies																
T3.2- Workshop on Advancing Research Integrity Practices and Policies																
T3.3- Open cloud platform for matching research interests and to identify opportunities for calls																
WP4- Entrepreneurial Universities: best practice in Technology Transfer and Commercialisation																
T4.1- Identification of good practice and success stories in tech transfer																
T4.2- Awareness raising/Training on entrepreneurship support																
T4.3- Catalogue of services associated with innovation																
T4.4- Fast tracking Industry associations																
T4.5- Implement a Network of Technology Transfer Offices among Consortium partners																
WP5- Promoting the attractiveness of academic careers																
T5.1- Survey academic staff on conditions and incentives they value																
T5.2- Survey partner universities on the specific challenges and policies to attract academic talent																
T5.3- Guidelines for human resource management based on best practices																
T5.4- Training programmes for research/academic staff																
WP6- Communication and dissemination																
T6.1- Dissemination & Communication strategy																
T6.2- Dissemination of project activities, outcomes and results																
T6.3- BI4E Website																
T6.4- Project info-days and dissemination events																
T6.6- Media Plan																
T6.6- Participation in topic related events in Brussels																

Figure 2: Timing of the different work packages



**Table 3.1a: List of work packages**

WP No	Work Package Title	LP No	LP Short Name	Person-Months	Start month	End month
0	Management and coordination	PC	TUIASI	73,0	M1	M36
1	Building strategic planning and forward-looking capacities	6	URN	35,0	M3	M36
2	Fostering institutional transformation: improving governance and resourcing	5	MUS	50,2	M5	M36
3	Cooperation for excellence in research	4	Ud'A	43,5	M6	M36
4	Entrepreneurial universities: best practice in technology transfer and commercialisation	7	MTU	44,0	M9	M36
5	Promoting the attractiveness of academic careers	3	HKA	33,0	M12	M36
6	Communication and dissemination	2	UNIOVI	55,4	M1	M36
	Total person-months			334,1		

**Table 3.1b: Work package description**

Work package number	0			Lead beneficiary			PC-TUIASI	
Work package title	Management and coordination							
Participant number	PC	P2	P3	P4	P5	P6	P7	P8
Short name of participant	TUIASI	UNIOVI	HKA	Ud'A	MUS	URN	MTU	HIS
Person months per participant:	26,0	7,0	7,0	7,0	7,0	7,0	7,0	5,0
Start month	M1		End month			M36		

### Objectives

- Smooth, complete timely and coordinated implementation of the project.
- Full compliance of all consortium members with the obligations and duties established in the Grant Agreement (GA), and with all other requirements related to the administrative and financial management of the project.
- An effective involvement of all partners in the implementation of the project, and a good communication and coordination between them.
- A clear distribution of responsibilities, rights and duties within the consortium, supported by a clear decision-making procedure.

### Description of work (where appropriate, broken down into tasks), lead partner and role of participants

#### T0.1. Project kick-off

Main aim: Start the implementation of the project and arrange the structures and procedures for implementation.

LP (TUIASI) will:

- Share with the partners the final Grant Agreement (GA) to be signed between the Coordinator and the EC, as well as all the annexes (especially the Description of the Action and the Estimated Budget of the Action). The PC will inform the partners of any modifications to the original application that may have been necessary for the final approval of the project.
- Produce and circulate a final version of the Consortium Agreement (CA) to be signed by the partners before the signature of the GA. The CA will regulate the relationship between partners in project implementation.
- Convene the kick-off meeting (M1) to review and refine the work programme and the distribution of partners' responsibilities on the basis of the final approved application, to set up the project governance, and to agree on a detailed work programme for the first months of project implementation. The agenda for the initial meeting will be circulated to all partners at least 15 days in advance of the meeting.
- Elaborate a document setting out guidelines for the technical, administrative and financial management of the project, to be discussed and agreed at the inception meeting.

OP involvement:

- Signature of the Accession Forms, within 30 days after the entry into force of the GA, and the CA
- WP leaders will provide an updated timetable and activity plan for the WP

- Confirmation of representative at the Steering Committee
- Active participation in kick-off meeting

## **T0.2. Project management and coordination.**

**Main aim:** Coordination meetings and communication between partners and with the EC. This work package will be carried out throughout the duration of the project, but particularly at specific stages of the project development: in the start-up phase (signature of the Grant Agreement and Consortium Agreement, setting up of the management team, distribution of tasks, organisation of management procedures), in the financial management and reporting to the Commission (accounting, reporting...) and in the closure of the project.

**LP (TUIASI)** will dedicate the appropriate resources to ensure the administrative, financial and operational management of the project, and the fulfilment of the administrative and financial obligations, reporting, monitoring and implementation of contingency plans by the partners. A dedicated full-time project operational coordinator (POC) will be appointed to work under the supervision of Dr. Lungu, Vice-rector for International Relations of TU Iasi, who will be responsible for the overall project coordination, follow up and management of its technical aspects. The POC will be responsible for all operational tasks in WP0 and to liaise with the designated WP leaders to follow up project implementation. The POC will be in charge of producing the minutes of the Steering Group meetings and the preparation of project reports.

Strong communication and coordination procedures will be established:

- A Steering Committee will be set up and will meet regularly, at least three times per year (see 3.2 for details of composition and organisation of the SC).
- Internal communication systems will be established, taking advantage of the already existing Ingenium Alliance resources. POC and WP coordinators will meet regularly on-line (once per month) to monitor project implementation. Cloud-based teamwork and file-sharing systems will be established.

**OP involvement:** The partners will actively cooperate with the PC to facilitate project coordination. Each partner will appoint a contact person, either the SC member or a close collaborator. Each WP leader will also appoint a WP coordinator, who will be reporting to the SC. Reports to the SC will be circulated in advance.

## **T0.3. Project Administrative and Financial Management, Monitoring and Reporting**

**Main aim:** Manage the BI4E project in accordance with the principles and rules set out in the GA and in the Consortium Agreement, as well as in all other regulations applicable to the implementation of HE projects.

**LP (TUIASI) will:**

- Maintain up-to-date information and report on events and circumstances that may affect the Agreement.
- Retain records and other supporting documentation for at least five years after payment of the balance. Beneficiaries must keep records and other supporting documentation of the scientific and technical implementation of the action, in accordance with accepted standards in the respective field.
- Submit project deliverables in accordance with the deadlines and conditions set out in Annex 1 of the GA.
- Manage the financial circuit as set out in the GA. The coordinator will distribute the payments to the beneficiaries in the shortest possible time.

The PC will check if the partners comply with all the management duties and obligations and may give appropriate indications to the partners. If any partner does not comply with its obligations, the PC shall inform the SC and may propose the exclusion of the partner from the consortium, in agreement with the GA.

**OP involvement:**

- Partners will comply with the requirements on grant management set out in the GA
- They will provide the PC with all the information required for Project Administrative and Financial Management, Monitoring and Reporting.
- WP leaders will submit a report on the implementation of the WP in advance to each SC meeting.

## **Deliverables** (brief description and month of delivery)

D0.1. Consortium Agreement (CA) (M1).

D0.2. Minutes of steering group (M1, M6, M12, M18, M24, M30, M36)

D0.3. Intermediate report (M18)

D0.4. Final report (M36)

<b>Work package number</b>	1	<b>Lead beneficiary</b>	P6-URN
<b>Work package title</b>	Building strategic planning and forward-looking capacities		



Participant number	PC	P2	P3	P4	P5	P6	P7	P8
Short name of participant	TUIASI	UNIOVI	HKA	Ud'A	MUS	URN	MTU	HIS
Person months per participant:	6,0	2,4	2,4	2,4	6,0	11,0	2,4	2,4
Start month	M3			End month	M18			

## Objectives

- Understand and share partner planning and outlook experiences and good practices
- Improve the capacity of partner HEIs, particularly those in the Widening Countries to prepare the University to address societal challenges and to adapt to social and technological transformations, with a focus on the Green Deal.
- Set up joint structures to provide partner Universities with external advice and feed experience-based insights into strategic planning processes.

**Description of work** (where appropriate, broken down into tasks), lead partner and role of participants

### T1.1- Exchange and transfer of experiences in Strategic Planning

Main aim: Identify, exchange and transfer best practices in strategic planning from more experienced partners.

LP (URN) will:

- Guide and coordinate the collection of partner information on good practices on strategic planning
- Coordinate the organisation of two seminars where partners' experiences and good practices on strategic planning processes and results will be presented and discussed.
- Produce a document compiling all the good practices that partners have implemented and shared.

OP involvement:

Partners will provide detailed information on the strategic planning processes in their universities, as well as evidence of results, such as evaluation reports.

Widening partners will pay two study visits to gain deeper insight in selected GP. The two selected partners will host the visit and:

- Support the logistical organisation of the visits. The study visits and the seminars will be coordinated to increase participation and save travelling.
- Present their HEI and their strategic planning processes during the scheduled visit/seminar on their campus(es);

### T1.2- The Consortium position paper on the Universities and the EHEA/ERA and SDG challenges

Main aim: Identify the major challenges universities are facing, within the framework of the EHEA/ERA and the Agenda 2030 SDGs and assess the strategic readiness of the partner HEIs to address such challenges.

LP (URN) will:

- Propose a methodology to produce the document
- Collect relevant information from the partners, through surveys and other participatory tools, to identify the major challenges, cross-referencing the results in order to identify similar strategic actions
- Organize a hybrid training week for academic staff on EHEA/ERA and Agenda 2030 challenges
- Draw up a document (working paper) presenting how the different major challenges influence the HEIs' strategies and making recommendations for joint long-term strategic action plan regarding these challenges;

OP involvement:

- Provide relevant information and opinion on the issues according to the methodology proposed by the LP;
- Participate in meetings to discuss and validate the working paper and the final position paper;
- Ensure the participation of University staff in the training week and communicate to the URN all information concerning their staff's participation.

### T1.3- Supporting Strategic Planning process in the Widening countries and elsewhere: The Consortium Strategic Advisory Council

Main aim: The Strategic Advisory Council will be a permanent Consortium non-formal structure that will provide, on ad-hoc basis, recommendations and insights to enrich strategic planning processes in the Widening Countries and in the rest of the partner Universities. It will be composed by senior researchers, academics or non-university experts. Each of the Consortium partners will propose one member. The Council will become a permanent advisory structure to the IngEniUm Alliance, being involved in all projects proposed by the

Consortium.

LP (URN) will:

- Coordinate the identification and appointment of the Advisory Council members;
- Propose a methodology for the organisation and activities of the Advisory Council, to be approved by the consortium;
- Coordinate with the individual partners the contribution of the Advisory Council to the strategic planning and the support related to strategic challenges and decision-making, particularly in the widening countries;
- Organize an annual meeting between the project Steering Committee and the Advisory Council, to review the actions developed, exchange strategic insights and adapt and discuss further support to be provided.

OP involvement:

- Propose members of the Advisory Council;
- Approve the organisation and activities proposed and cover the cost of the participation of the member proposed in the meetings and other activities;
- Contribute to the provide updates and share GP that could nourish the support towards Widening countries.

### **Deliverables (brief description and month of delivery)**

D1.1- Strategic Planning Seminars and Good Practice in Strategic Planning Document (M18)

D1.2- Position paper on the Universities and the EHEA/ERA and SDG challenges (M24). The document will state the University position and commitments in relation to the development of EHEA/ERA and the Agenda 2030, and to other challenges faced by the Universities, such as green and digital transition;

D1.3- Consortium Strategic Advisory Council: minutes of meetings and opinions (M36)

Work package number	2		Lead beneficiary				P5-MUS	
Work package title	Fostering institutional transformation: improving governance and resourcing							
Participant number	PC	P2	P3	P4	P5	P6	P7	P8
Short name of participant	TUIASI	UNIOVI	HKA	Ud'A	MUS	URN	MTU	HIS
Person months per participant:	7,0	4,2	4,2	4,2	19,0	4,2	4,2	3,2
Start month	M6			End month		M24		

### **Objectives**

- Foster institutional transformation and enhance and improve governance of HEIs, particularly in those from the widening countries.
- Create capacities to manage resource more efficiently and build administrative structures ready to deliver in the partner HEIs.

**Description of work** (where appropriate, broken down into tasks), lead partner and role of participants

#### **T2.1- Survey on HEI governance and institutional transformation of the partner universities.**

Through a dedicated and thorough survey, the project will collect information regarding university governance and management in the partner HEIs. The survey will identify obstacles and barriers to institutional transformation and improvement in areas such as research excellence, digital and ecological transition, open science, gender balance, cooperation in local ecosystems, European funding. The survey will help to identify specific regulatory, organisational, administrative and political drawbacks suffered by higher education institutions in Widening Countries and recommendations for action.

Main aim: Identification and sharing of best practices and models in University governance, to boost Institutional Transformation.

LP (MUS) will: a) design the survey on the basis of the key topics identified collectively by the partnership; b) write a report with the results and best practices in governance models

OP involvement: a) All partners will contribute to the identification of key topics and the design of the survey; b) All partners will fill in the survey with the information from their university.

## **T2.2- Study visits and staff training exchanges**

**Main aim:** Improve University staff skills in relation to key issues in HEI governance, management and resourcing, including access to EU funds.

**LP (MUS) will:** Organise and coordinate 2 study visits of senior staff from the Universities from Widening countries to selected good practices in other project partners.

**OP involvement:** a) Ensure visiting and host staff full involvement; b) Define action plans to implement good practices learnt during staff exchanges and remove barriers to implementation.

## **T2.3- Online Seminar on fundraising: incentives, sponsorship, crowdfunding, European funds, etc.**

**Main objective:** Identify and learn about the different options to fund research project and activities and optimise existing ones. Additional funds help to finance projects and activities that core funding cannot. They can help to expand and strengthen the university's research programmes or improve the learning environment so that all students can flourish.

**LP (MUS) will:** organise the seminar and ensure that all partners are involved in the seminar.

**OP involvement:** attend the seminar and start implementing the practices learned in their universities.

## **T2.4 Guidelines for better governance and institutional transformation**

**Main aim:** On the basis of the results of the survey and the rest of previous joint activities, recommendations for action regarding specific regulatory, organisational, administrative and political drawbacks suffered by higher education institutions, particularly in Widening Countries, will be issued, taking into account the constraints and barriers HEIs are subject to according to their respective national regulations.

**LP (MUS) will:**

- Collect and analysis of information
- Produce a draft document for discussion and the final Guidelines.

**OP involvement:** Partners will provide the WP2 Leader with relevant information and documentation and discuss and approve the draft document Guidelines for better governance and institutional transformation

## **Deliverables (brief description and month of delivery)**

D2.1- Good practice in HEI governance and institutional transformation (M18)

D2.2- Guidelines for better governance and institutional transformation (M30)

Work package number	3			Lead beneficiary				P4- Ud'A	
Work package title	Cooperation for Excellence in research								
Participant number	PC	P2	P3	P4	P5	P6	P7	P8	
Short name of participant	TUIASI	UNIOVI	HKA	Ud'A	MUS	URN	MTU	HIS	
Person months per participant:	7,0	3,8	3,8	12,0	7,0	3,8	3,8	2,3	
Start month	M6		End month		M36				

## **Objectives**

- Identify emerging and highly performing research groups and key research areas in the partner Universities
- Identify best practice in fostering research excellence
- Increase transnational cooperation between research groups to enhance the research capacity and performance of the partner Universities
- Promote durable cooperation between research groups, with a focus on the digital and ecological transition.

## **Description of work (where appropriate, broken down into tasks), lead partner and role of participants**

### **T3.1- Identify leading research groups and best practices in research and research support policies**

**Main aim:** To spot the research groups that can act as catalyser for research cooperation and identify best practices in research that can be generalized across disciplines and countries. Flagship research groups will be invited to present their research to the network, through the platform for matching research interests (T3.3). Their experience will illustrate the catalogue of best practice in research and research support policies.

**LP (Ud'A) will:**

- Propose criteria for spotting excellent or emerging research groups and analyse the groups put forward by the partners and bring forward a draft list of selected groups.
- Select best practices in research support policies from the consortium members and identify strategic best practices to be shared within the consortium members.

OP involvement: will propose research groups that can qualify as excellent or emerging and will report their practices in research and research support policies, in order to identify good practices.

### **T3.2- Workshop on Advancing Research Integrity Practices and Policies: From Recommendation to Implementation**

Main aim: Promote the implementation of The European Code of Conduct for Research Integrity.

LP (Ud'A) will be responsible for the organization of the workshop, including the selection of the speakers and the location.

OP involvement: promote the participation of their research community in the workshop and the commitment to The European Code of Conduct for Research Integrity in the home institutions.

### **T3.3- Open cloud platform for matching research interests and to identify opportunities for calls**

Main aim: The aim of this task is to design and develop a "self-explainable" AI platform (CONNECT), an open cloud platform of explainable artificial intelligence (XAI) for matching research interests.

LP (Ud'A) will be responsible for the development and implementation of CONNECT

OP involvement: have the responsibility to provide the LP with the research interests of all the university staff working at the home universities to be implemented in CONNECT.

### **Deliverables** (brief description and month of delivery)

D3.1- List of emerging and highly performing research groups and key research areas in the partner Universities (M10)

D3.2- Best practice in research support policies (M20)

D3.3- Open cloud platform (CONNECT) (M30)

Work package number	4				Lead beneficiary			P7- MTU	
Work package title	Entrepreneurial Universities: best practice in Technology Transfer and Commercialisation (including staff entrepreneurship by way of spin-offs)								
Participant number	PC	P2	P3	P4	P5	P6	P7	P8	
Short name of participant	TUIASI	UNIOVI	HKA	Ud’A	MUS	URN	MTU	HIS	
Person months per participant	5,5	4,0	4,0	4,0	5,5	4,0	14,5	2,5	
Start month	M9			End month		M36			

### **Objectives**

- Improve the capacity (structures/systems/capacity) of partner universities to relate to industry by maximizing the relevance of research to industrial needs.
- Also enhance the capacity to build local ecosystems (clusters), to foster technology (knowledge) transfer and commercialization of research results.

### **Description of work** (where appropriate, broken down into tasks), lead partner and role of participants

#### **T4.1- Identification of good practice and success stories in tech transfer including the promotion of staff entrepreneurship by way of spin-offs**

Main aim: The good practices and success stories shared among the project partners will broaden and deepen the knowledge on how other universities work and manage to optimise the technology transfer of their research.

LP (MTU) will: summarise the possible practices to be applied in the universities through the GP in entrepreneurship document.

OP involvement: Each Consortium partner will identify and publish 3 case studies on technology transfer and prepare a presentation of the cases.

#### **T4.2- Awareness raising/Training on entrepreneurship support: structures and schemes, patent production,**

### **incubators, venture capital ecosystem.**

**Main aim:** The aim is to disseminate and promote among researchers the possibilities of spin-offs as a way of advancing their research.

**LP (MTU) will:** will lead all partners, firstly in the cataloguing of all practices across the consortium relating to the systemic elements and mechanisms of supporting Technology Transfer, Spin-Offs in each of the partnering universities.

**OP involvement:** assist the LP with the identification of systemic elements and support mechanisms for Technology Transfer and Spin-Offs.

**T4.3- Catalogue of services associated with innovation:** Technology transfer services, Intellectual property management, research contracts, industry-supported chairs, Joint technology institutes, Business incubators, contracts with industry.

**Main aim:** A study will be carried out on the services associated with innovation in each partner, in order to draw up a catalogue of these services that can serve as a reference for universities that do not have them, how to manage the creation of a spin-off, a new patent, etc.

**LP (MTU) will:** Lead all partners in the preparation of individual reports covering all practices in the relevant areas of innovation.

**OP involvement:** Each partner will produce 3 case studies of relevant supports delivered. These case studies will provide a detailed explanation of the methodologies, actions and outcomes.

### **T4.4- Fast tracking Industry Associations**

**Main aim:** To provide fast track assistance on how to develop sectoral organisations with close university ties, which facilitate the enterprise and innovation interactions between the university and the sector

**LP (MTU) will** provide a case study based on the development of (Project Local Associate Partner) IT@Cork, which is a network over 220 technology companies in the South west region and which grew from initiatives within MTU. The case study will be supplemented by a half day workshop for partners with staff and industry presentations from IT@cork.

**OP involvement:** Where other partners have similar dedicated industry structures, they will contribute comparative materials to the MTU study. Where partners do not have such organisations, an early-stage assessment will be undertaken in those regions to see if such organisations can be fast-tracked, based on the expertise and knowledge base across the consortium.

### **T4.5- Implement a Network of Technology Transfer Offices among Consortium partners.**

**Main aim:** Promote the development of Technology Transfer Offices (TTOs) to:

- promote the networking of the TTOs through the implementation of actions, instruments, and services of common interest.
- collaborate with the Administration and other social and economic agents to facilitate relations between the university and business.
- Establish a network of Technology Transfer Offices to last as one of the instruments of the Ingenium Alliance.

**LP (MTU) will** lead all partners in their collaboration to produce a good practice study on the operation of technology transfer offices in a range of European economy.

**OP involvement:** will involve the completion of six targeted pre-assigned studies in different countries.

### **Deliverables (brief description and month of delivery)**

D4.1- Good practices in entrepreneurship in the university environment (M16)

D4.2- Catalogue of services associated with innovation (M20)

D4.3- Report on Fast-tracking the development of sectoral Industry associations (M32)

D4.4- Report on the operation of Technology Transfer Offices in Europe (M32)

Work package number	5			Lead beneficiary				P3-HKA	
Work package title	Promoting the attractiveness of academic careers								
Participant number	PC	P2	P3	P4	P5	P6	P7	P8	
Short name of participant	TUIASI	UNIOVI	HKA	Ud’A	MUS	URN	MTU	HIS	
Person months per participant:	4,0	2,5	13,0	2,5	4,0	2,5	2,5	2,0	



<b>Start month</b>	<b>M12</b>	<b>End month</b>	<b>M36</b>
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## Objectives

Enhance the capacity of partner Universities to attract and retain talent, improve job security and promote diversity and inclusion.

**Description of work** (where appropriate, broken down into tasks), lead partner and role of participants

### **T5.1- Survey on conditions and incentives to create attractive academic career environments**

Main aim: identify the needs and expectations of academics to improve career development opportunities in order to attract and retain the best teachers and researchers, with a particular focus on STEM subjects.

LP (HKA) will: Plan and design the survey to be carried out by all consortium members in their universities, following these steps: define the objectives of the survey, delimit the target group and sample size, identify the information needed for the survey to meet its objectives, design the questionnaire, analyse the data obtained.

OP involvement: Support the WP leader in the definition of objectives, sample size and information necessary for the design of the questionnaire. Carry out the survey in each University of the Consortium and collect the data obtained.

### **T5.2 – Survey partner universities on the specific challenges in their countries/universities and on their own policies to attract academic talent**

Main aim: compare the situation in different countries and at the individual partner Universities, to identify best practice models and to assess to which extent they can be used across the Consortium. Again, with a particular focus on STEM subjects and on promoting diversity and inclusion.

LP (HKA) will: define a set of challenges relating to the career management of academic staff on which each consortium member will describe its current practices.

These practices will be collected by the WP leader, shared in a meeting of all members of the Consortium and discussed to what extent they can be implemented in each University.

OP involvement: They will provide information on the procedures followed in each University and will participate in the sharing of best practices.

### **T5.3- Guidelines for human resource management based on best practices**

Main aim: Based on the good practices detected in the survey of academic staff and universities of the Consortium, best practices for talent attraction and retention will be included and will serve as a framework for the implementation of the different actions of the HR strategy.

LP (HKA) will: Collect all relevant information for good practice in attracting and retaining talent, referring to surveys conducted within WP5, as well as other recognised models such as the Human Resources Strategy for Researchers (HRS4R) and others.

Drafting the manual of Best Practices in Human Resources Strategies: Attracting Talent.

OP involvement: Provide the WP5 Leader with the information and documentation necessary for the drafting of the manual of Best Practices in Human Resources Strategies: Attracting Talent.

### **T5.4- Training programmes for research/academic staff**

Main aim: Identify the training actions that can be included in the training programmes of the different members of the Consortium to respond to the needs that have been identified, both by the researchers and by the Universities to attract and retain talent.

Training actions will also be included in cross-cutting themes across all universities especially in STEM fields and with a focus on diversity and inclusion.

LP (HKA) will: coordinate the proposal of training actions to be developed on the basis of the needs detected. Propose transversal training actions to all the Universities of the Consortium.

OP involvement: Propose and include in their training programmes the training actions that cover the needs detected in their university.

## Deliverables (brief description and month of delivery)

D5.1- Study on incentives and obstacles to teachers' and researchers' careers (M18)

D5.2- Comparative study on challenges and policies for academic talent attraction (M26)

D5.3- Guidelines and Good Practice in Human Resources Strategies: Attracting Talent (M36)

**D5.4- Training programmes for research/academic staff (M36)**

Work package number	6				Lead beneficiary			P2-UNIOVI	
Work package title	Communication and dissemination								
Participant number	PC	P2	P3	P4	P5	P6	P7	P8	
Short name of participant	TUIASI	UNIOVI	HKA	Ud'A	MUS	URN	MTU	HIS	
Person months per participant:	5,0	22,0	5,0	5,0	5,0	5,0	5,0	3,4	
Start month	M1			End month		M36			

**Objectives**

- Give visibility of the project, its objectives, activities, expertise of partners and benefits.
- Raise interest in the project concept from potential stakeholders in Europe and beyond and push international, national and local collaboration with HEIs.
- Ensure a broad but targeted dissemination of the project results.
- Support an early take-up of the project results, specifically by HEIs in the Widening Countries.
- Create a strong linkage with other initiative, EU regions and projects related to a just and “green” transition.

**Description of work (where appropriate, broken down into tasks), lead partner and role of participants**

**T6.1: Dissemination & communication strategy**

Main aim: Define the main elements of project dissemination and communication to maximise project impact: communication objectives, priority target groups, appropriate messages and preferred channels and tools, project corporate identity and the user rules (D6.1.2), and the communication activities and tools (Press releases / Articles / Interviews / Social Media / etc.).

LP (UNIOVI) will elaborate the project communication and dissemination strategy (D6.1.1). It will include all elements to maximise project outreach and promote the engagement of partner staff and stakeholders, including a detailed communication work programme for the partner communication duties. The dissemination plan will be updated every 6 months, to adapt communication and dissemination activities to project development and will be reviewed every year, to ensure that relevant information and data about the project activities and results is being disseminated to appropriate audiences, and that there is a systemic gathering of evidence of the communication and dissemination activities carried out by each of the partners.

OP involvement: All partners will participate in the definition of the dissemination strategy and activities and will collect and transmit to the LP the evidence of the activities implemented and of the communication results achieved.

**T6.2: Dissemination of project activities, outcomes and results.**

Main aim: Disseminate the project activities, outcomes and results, particularly the good practices identified in the project, the cooperation between the partners, and the progress achieved by the partners from the widening countries, particularly regarding organisational transformation, research excellence and local ecosystem development.

LP (UNIOVI) will develop a digital platform as part of the overall BI4E web site whereby project activities, outcomes and results will be shared and disseminated among partners, stakeholders and associated partners. The dissemination of the findings and results of work packages 1 to 5 will be mainly in electronic format. The production and distribution of traditional printed promotional material will be minimized to reduce the environmental impact.

OP involvement: Dissemination of project activities, outcomes and results will be made in close cooperation with WP leaders, and all partners will be contributing to project communication and dissemination.

**T6.3: BI4E Website**

Main aim: The project website (D6.3.1) will be the main entry point for information on the project. The website will gather the main news and events related to the BI4E.

LP (UNIOVI) will consistently update the website, posting news, information and public deliverables produced by the project and publish reports and documents produced by participants in the development of the BI4E project for quick and timely access. It will be regularly updated throughout the project with. A section will be dedicated to creating links between with other funded projects under the same call to increase dissemination

potential.

OP involvement: provide the WP6 leader with relevant information and documentation to be communicated.

#### **T6.4. Project info-days and dissemination events**

Main aim: In these workshops and info days, the partners will transmit the conclusions and results of the project; they will also raise awareness of the major challenges faced by the Universities and how these agents of the local ecosystem can contribute.

LP (UNIOVI) will propose the themes of the workshops and information days and will coordinate with the rest of the partners the scheduling of the workshops and information days. The workshops will be organized on a regular basis, as a permanent knowledge transfer program; therefore, it is expected that each partner will conduct 3 to 5 events of different sizes, for a total of at least 24 events during project implementation. A final joint event will be organised.

OP involvement: All partners will conduct local workshops and information days to reach out to University community, local intermediary organizations, companies and citizens.

#### **T6.5. Media Plan**

Main aim: To ensure awareness of project results and sustained dissemination of information to opinion leaders and journalists. The media will include European, national and local press, print and online.

LP (UNIOVI) will: develop the media plan together with the WP0 leader and the Steering Committee to ensure awareness of the project results, through press releases shared to journals and press offices.

OP involvement: All partners facilitate the choice and connection with the appropriate local media for the dissemination of BI4E results.

#### **T6.6 Participation in topic related events in Brussels**

Main aim: Organization of “side” events/sessions (at least 3) (D.6.6.1) linked to topic related events at EU level where all stakeholders from the University communities and political, professional and civil networks will be invited to disseminate the results and exchange knowledge on the project.

All Project partners are involved in this task.

#### **Deliverables** (brief description and month of delivery)

D6.1: Communication, dissemination strategy and media plan, including project identity (M6)

D6.2: Project website and on-line tools (M6)

D6.3: Newsletter and press releases (M6, M12, M18, M24, M30, M36)

D6.4: Project Info-days and final event (M6-M36)

**Table 3.1c: List of Deliverables**

<b>Deliverable (Nr)</b>	<b>Deliverable name</b>	<b>WP Nr</b>	<b>Short name of lead participant</b>	<b>Type</b>	<b>Dissemination level</b>	<b>Delivery date (in months)</b>
D0.1	Consortium Agreement (CA)	WP0	TUIASI	R	CO	M1
D0.2	Minutes of steering group	WP0	TUIASI	R	CO	M1, M6, M12, M18, M24, M30, M36
D0.3	Intermediate report	WP0	TUIASI		CO	M18
D0.4	Final report	WP0	TUIASI		CO	M36
D1.1	Strategic Planning Seminars and Good Practice Document	WP1	URN	R	PU	M18
D1.2	Position paper on the Universities and the EHEA/ERA and SDG challenges	WP1	URN	R	PU	M24
D1.3	Consortium Strategic Advisory Council: minutes of meetings and opinions	WP1	URN	R, ETHICS	PU	M12, M24, M36
D2.1	Good practices in HEI governance and institutional transformation	WP2	MUS	R	PU	M18



D2.2	Guidelines for better governance and institutional transformation	WP2	MUS	R	PU	M30
D3.1	List of emerging and highly performing research groups and key research areas in the partner Universities	WP3	Ud'A	R	PU	M10
D3.2	Best practice in research support policies	WP3	Ud'A	R	PU	M20
D3.3	Open cloud platform (CONNECT)	WP3	Ud'A	DATA	PU	M30
D4.1	Good practices in entrepreneurship in the university environment	WP4	MTU	R	PU	M16
D4.2	Catalogue of services associated with innovation	WP4	MTU	R	PU	M26
D4.3	Report on Fast-tracking the development of sectoral Industry associations	WP4	MTU	R	PU	M32
D4.4	Report on Technology Transfer Offices	WP4	MTU	R	PU	M32
D5.1	Study on incentives and obstacles to teachers' and researchers' careers	WP5	HKA	R	PU	M18
D5.2	Comparative study on challenges and policies for academic talent attraction	WP5	HKA	R	PU	M26
D5.3	Guidelines and Good Practice in Human Resources Strategies: Attracting Talent	WP5	HKA	R	PU	M36
D5.4	Training programmes for research/academic staff	WP5	HKA	DEM	PU	M36
D6.1	Communication and dissemination strategy and media plan, including Project Identity	WP6	UNIOVI	DEM	PU	M6
D6.2	Project website and on-line tools	WP6	UNIOVI	DEC	PU	M6
D6.3	Newsletter and press releases	WP6	UNIOVI	DEC	PU	M6, M12, M18, M24, M30, M36
D6.4	Info-days and final project event	WP6	UNIOVI		PU	M6 - M36

**Table 3.1d: List of milestones**

Milestone number	Milestone name	Related WP(s)	Due date (in month)	Means of verification
1	Communication and dissemination strategy & project identity	WP6	M6	Deliverable
2	Local Info-days completed	WP6	M10	Evidences
3	Identification of highly performing research groups and key research areas in the partner Universities	WP3	M10	Deliverable
4	First meeting of the Consortium Strategic Advisory Council	WP2	M12	Minutes
5	Intermediate report	WP0	M18	Report submitted to Commission
6	Study visit programme completed	WP4	M36	Evidences; list of participants
7	Network of Technology Transfer Offices	WP4	M36	Agreement signed
8	Open Cloud Platform (CONNECT)	WP3	M36	Platform up and running

**Table 3.1e: Critical risks for implementation**

<b>Description of risk (indicate level of (i) likelihood, and (ii) severity: Low/Medium/High)</b>	<b>WP(s) involved</b>	<b>Proposed risk-mitigation measures</b>
Poor project management, partner coordination and communication: (i) Low (ii) Medium.	All	Failures on project management and partner coordination and communication could be a serious risk. However, partner commitment and previous cooperation within the Ingenium Alliance and experience in project management makes reduce the risk. The project provides for strong governance and management structures. A full-time project operational coordinator (POC) will be appointed by the PC partner. SC will meet regularly (3 times per year) and there will be monthly on-line operational meetings, led by the POC. Cloud-based teamwork and file-sharing systems will be established. WP leaders will be asked to report in advance to each SC meeting.
Lack of involvement of academic and management staff: (i) Medium (ii) High.	All	The BI4E and the Ingenium Alliance is strongly supported by the partners' top management. However, the project has the ambition to induce changes and improvement throughout the whole University community and that requires the engagement of academic and management staff, who are usually overloaded with their regular tasks and may regard the project as a top-down imposed burden. Communication and dissemination activities are particularly targeted at the internal stakeholders. Each partner is expected to carry out a series of info-days and workshops and direct communication actions to engage them. Specific actions under WP2 (study visits) and WP3 (support to research cooperation) are designed to be particularly attractive and engaging for key stakeholders.
Slow project implementation: (i) Low (ii) Medium	All	Cooperation projects are often slow in kicking-off and taking-off, and that could significantly impact in project implementation and achievement. As the BI4E is proposed by a long-standing and well-established consortium, the risk of delaying project kick-off is low. Kick-off meeting will take place immediately in M1. The risk of slow implementation is expected to be avoided by a clear distribution of workload between the partners, with each WP (and all the tasks within each WP) led by one of the partners, so each partner can focus. There is still a risk of low involvement or engagement of the partners (previous risk) that could lead to difficulties in fulfilling specific tasks. It is expected that regular coordination meetings may help to minimize this risk. The appointment of a dedicated full-time project operational coordinator will also reduce this risk.
Constraints due to external events (e.g. aggravation of COVID-19) (i) Low (ii) Medium	All	While at this stage it is not likely, it wouldn't be wise to exclude the possibility of COVID-19 or other events may cause further disruptions in travel or work conditions. The partners are now better equipped and readier to keep working under such restrictions and the project will be ready to continue implementation in such conditions. On-line seminars and workshops will replace some activities (study visits).

**Table 3.1f: Summary of staff effort**

	<b>WP1</b>	<b>WP2</b>	<b>WP3</b>	<b>WP4</b>	<b>WP5</b>	<b>WP6</b>	<b>WP7</b>	<b>Total Person-Months per Participant</b>
<b>PC/TUIASI</b>	26,0	6,0	7,0	7,0	5,5	4,0	5,0	60,5
<b>2/UNIOVI</b>	7,0	2,4	4,2	3,8	4,0	2,5	22,0	45,9
<b>3/HKA</b>	7,0	2,4	4,2	3,8	4,0	13,0	5,0	39,4
<b>4/Ud'A</b>	7,0	2,4	4,2	12,0	4,0	2,5	5,0	37,1
<b>5/MUS</b>	7,0	6,0	19,0	7,0	5,5	4,0	5,0	53,5
<b>6/URN</b>	7,0	11,0	4,2	3,8	4,0	2,5	5,0	37,5
<b>7/MTU</b>	7,0	2,4	4,2	3,8	14,5	2,5	5,0	39,4
<b>8/HIS</b>	5,0	2,4	3,2	2,3	2,5	2,0	3,4	20,8
<b>Total Person Months</b>	73,0	35,0	50,2	43,5	44,0	33,0	55,4	334,1

**Table 3.1h: ‘Purchase costs’ items (travel and subsistence, equipment and other goods, works and services)**

5/MUS		
	Cost (€)	Justification
<b>Travel and subsistence</b>	21.000,00	Avg travel cost: 500€, flight and accommodation; WP0: 1 pax*8 trips in 3 years: SC meetings; WP1: 3 pax*2 trips: Participation in seminars and study visits; WP2: 3 pax*2 trips: Participation in seminars and study visits; WP3: 4 pax*2 trips: Research cooperation; WP4: 3 pax*2 trips: Participation in seminars and study visits; WP5: 3 pax*2 trips; WP6: 1 pax*3 trips: coordination communication activities
<b>Equipment</b>		
<b>Other goods, works and services</b>	3.000,00	Communication costs, including local info days
<b>Remaining purchase costs</b>		
<b>Total</b>	24.000,00	

### 3.2 Capacity of participants and consortium as a whole

The BI4E consortium is composed by eight HEI which are also members of the Ingenium Alliance of European Universities. All of them have an extensive cooperation network in the EU and beyond. They are already connected by Erasmus+ bilateral agreements and they have carried out multiple joint educational and research projects, which have enabled and helped to consolidate the connections between the partners. Long standing connections between research groups from different partners (many of them also connected with mobility schemes) have led to fluent cooperation in specific research activities, which include short and long research stays, training of early-stage researchers (including ITNs and other MSC actions), co-supervision of PhD students, and others. Beyond the IngEniUm consortium, the partners have extensive cooperation networks with HEIs worldwide.

All of them are mid-size Universities located in peripheral areas both in the EU and within their own countries. They are ranked 350 to 586 among world Universities by SCImago methodology, and all of them are reference HEIs in their areas for research and innovation. This project and the rest of initiatives taken by the Ingenium Alliance will contribute to improving the position of the partner Universities at regional and global level.

#### BI4E partners in University rankings

Institution	SCImago					Other rankings		
	Global**	University	Research	Innovation	Societal	ARWU	Times	QS
UNIOVI	541	350	300	443	200	701-800	801–1000	801–1000
Ud'A	616	417	353	439	226	701-800	n.a.	1001-1200
URN	624	425	401	389	237	n.a.	n.a.	n.a.
HiS	691	492	393	455	246	n.a.	n.a.	n.a.
MUS	712	513	417	454	244	n.a.	n.a.	n.a.
MTU/CIT*	736	537	441	450	248	n.a.	n.a.	n.a.
HKA	782	583	466	469	250	n.a.	n.a.	n.a.
TUIASI	785	586	442	501	246	n.a.	n.a.	1201+

\*MTU is still not ranked, as it has been recently created by the merger of two existing HEIs; \*\* Include other research and higher education institutions  
Sources: SCImago Ranking ([www.scimagoir.com/](http://www.scimagoir.com/)); [www.shanghairanking.com](http://www.shanghairanking.com/); [www.timeshighereducation.com](http://www.timeshighereducation.com/); <https://www.topuniversities.com>

With this project, the partners intend to keep the momentum of cooperation initiated with the two previous European Universities application (the latter made it to the reserve list) and two successful applications to national funding programmes for HEI cooperation in Germany and France. The WIDERA call offers the opportunity to generate a more integrated cooperation framework, with a stronger focus on University governance, research cooperation, open science, industrial relations and research careers, among other issues, and to support the progression of some the partners from the widening countries.

Each University will be involving their key staff in the implementation of the project, led by a Vice-rector or senior staff, which will be the representative of the University in the project Steering Committee (SC), which will be the project governing body. and will be composed by one representative from each partner. The members of the Steering Committee will be:

No	Partner	Lead staff	Position
PC	TUIASI	Dr. Irina Lungu	Vice-rector for International Relations
P2	UNIOVI	Dr. Agustin Nieto	Director of International Activity
P3	HKA	Dr. Joachim Lembach	Director of the International Office
P4	Ud'A	Dr. Marcello Constantini	Erasmus delegate. Responsible for the implementation of the e-learning platform
P5	MUS	Dr. Magdalena Kasnakova	Senior expert in the Department of International Integration & Project Funding Department
P6	URN	Dr. Eric Dargent	Vice President International Relations of the University of Rouen Normandy
P7	MTU	Dr. Ger Kelly	Academic Head Dept. Mechanical Biomedical and Manufacturing Engineering
P8	HIS	Dr. Mikael Ejdebäck	Head of School of Bioscience

The partners will be involved in the implementation of the tasks and work packages. The WPs and tasks have been distributed between the project partners based on their specific strengths or, in some cases, on their expressed interests. The distribution of the WP leadership has been based on their specific experience and knowledge. The leaders will facilitate the implementation of the WP and stimulate knowledge sharing. They will also contribute to the dissemination of the project activities and results:

WP	Leader	Justification
WP0	TUIASI	As main beneficiary, TUIASI is globally responsible of the implementation of the project and therefore will be in charge of coordinating and submitting the project activity and financial reports.
WP1	URN	URN has long experience in developing strategic planning initiatives, including coordination with other neighbour universities
WP2	MUS	MUS is involved in several initiatives, including H2020 and national programmes to strengthen education and research capacities and manage green and digital transitions.
WP3	Ud'A	Ud'A has recently launched a number of actions to foster international cooperation of research groups, using it as a leverage for increasing quality of research.
WP4	MTU	MTU has developed a complete ecosystem to support university-industry connections and university entrepreneurship
WP5	HKA	HKA is in process of reviewing its human resource strategy as it unlikely suffers the risk of brain drain due to its specific profile as University of Applied Sciences.
WP6	UNIOVI	UNIOVI has a dedicated team for science communication and long experience in managing communication WPs in EU funded projects.

WP0, led by the project coordinator (TUIASI), will ensure the efficient and timely project implementation, ensuring a result-oriented allocation of resources. This will cover all aspects of non-technical operations, administration, reporting and general compliance with the Grant Agreement and other regulations that may apply. As explained in the WP objectives, all management activities must be aimed at promoting a smooth functioning of the consortium (clear distribution of tasks, rapid problem solving, communication, coordination and decision making) and the achievement of the project objectives. As explained above a Consortium Agreement setting up all arrangements between the partners for project implementation will be signed. It will regulate:

- the internal organisation of the consortium regarding their operation and coordination, the decision making, and the settlement of internal disputes;
- the duties of the partners regarding the technical and financial implementation of the project, including the reporting obligations;
- the distribution of EU funding;
- any agreement establishing liability, indemnification, and confidentiality arrangements between the beneficiaries.

The project's operational management, coordinated by the PC, will be developed through:

- The appointment of a dedicated full-time project coordinator, under the supervision of Dr. Lungu, Vice-rector for International Relations of TU Iasi. This project coordinator will be responsible for all operational tasks in WP0 and to liaise with the designated WP leaders to follow up project implementation. She/he will be in charge of producing the minutes of the Steering Group meetings and the preparation of project reports.
- The organisation of the coordination meetings of the project's Steering Committee (SC), and where applicable,

other technical meetings involving the project partners. The PC will produce minutes of the meetings. The SC meet twice per year to monitor and take the appropriate decisions for project implementation development.

- The preparation of the technical and financial periodic and final reports to be delivered to the European Commission.
- The management and storage of the information developed during the project implementation, the project's deliverables, and the financial and technical reports.
- The implementation of the financial circuit and the payment of the share of the grant to the partners as established in the Grant Agreement and the Consortium Agreement (CA).
- Cloud-based teamwork and file-sharing systems.

Working groups (WG) will meet as established in the specific WP. The horizontal WGs will hold regular meetings by videoconference; if necessary, they will meet in parallel to the SC. Project management meetings will be scheduled to reduce travel costs and other resources, and to reduce the project carbon footprint.

TUIASI will led the project management, organisation and control, and will be responsible for supervising the implementation of the project, ensuring an efficient overall administrative and financial management of the project, the reporting to the European Commission (regular and final reports), and the internal communication flows within the consortium. That includes:

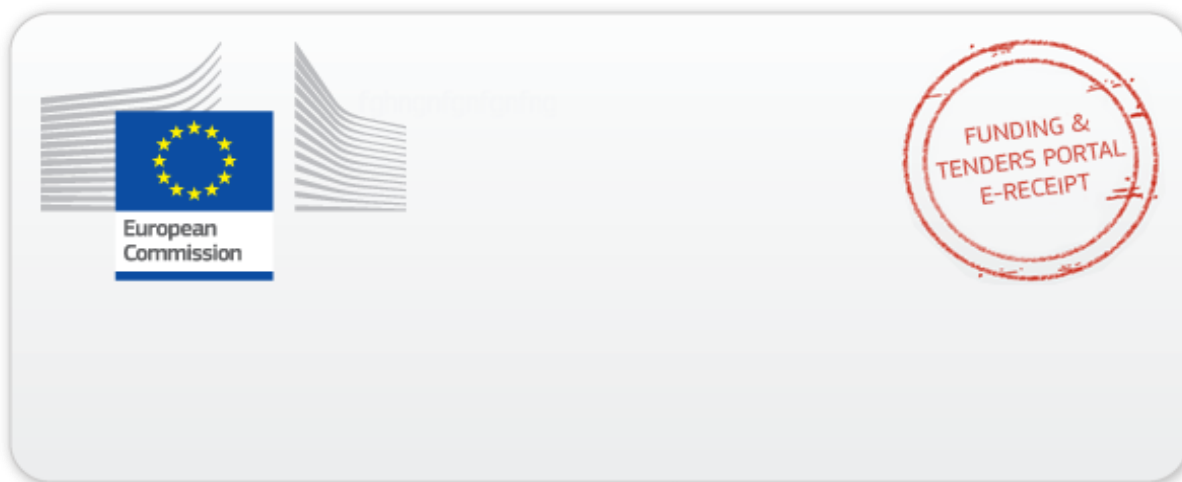
- Coordinate the overall management activities (administrative, financial and technical).
- Monitor the project implementation, prepare the required reports (technical and financial, periodical and final) in cooperation with the partners, and report immediately to the EC in case of any deviation in the project implementation.
- Convene the project meetings, working and decision-making groups and prepare the working documents, in cooperation with the partners in charge of the different tasks.
- Follow up the decisions taken in the project management bodies and ensure their implementation.
- Ensure communication within the consortium and liaise with the EC and other stakeholders.

The operational management of the project will be supported by the use of advanced tools for information management and communications in order to enable easy communication among the partners and open access to all information and documentation generated during the project, both technical and administrative, within the limits of the IP and data protection. Cloud-based teamwork and file-sharing systems will be used to facilitate coordination and partner access to all project relevant information.

In order to foster an integrated and long-term cooperation between partner HEIs and actors in the surrounding ecosystems, 12 Associate partners have been included in the proposal. They will be involved especially in the dissemination and communication phases of the project results but, in some cases, they will also showcase themselves as: success stories as in the example of IT@Cork or provide relevant technological or market information for the development of the project.

Associate Partner Name	Associated to
Agentia pentru Dezvoltare Regionala Nord-Est	TUIASI
Tehnopolis SRL	TUIASI
SC Intelectro Iasi SRL	TUIASI
Instituto de Desarrollo Económico del Principado de Asturias - IDEPA	UNIOVI
Compañía para la Gestión de Residuos Sólidos en Asturias SA - COGERSA	UNIOVI
University of Medicine - PLEVEN	MUS
Medical University PLOVDIV	MUS
Medical University of VARNA	MUS
Centre Hospitalier Universitaire de Rouen	URN
INSA Rouen (National Institute of Applied Sciences of Rouen)	URN
IT@Cork	MTU
CIT Innovation Centre DAC T/a The Rubicon (MTU Incubator)	MTU





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