AHEH HEI/Stakeholder Engagement Map

Who Might Engage With HEIs ?

- Researchers
- Private Enterprises
- Charities, Non-Profit, Community Groups
- Public Sector
- Alumni
- Individuals

Why Engage With HEIs ?
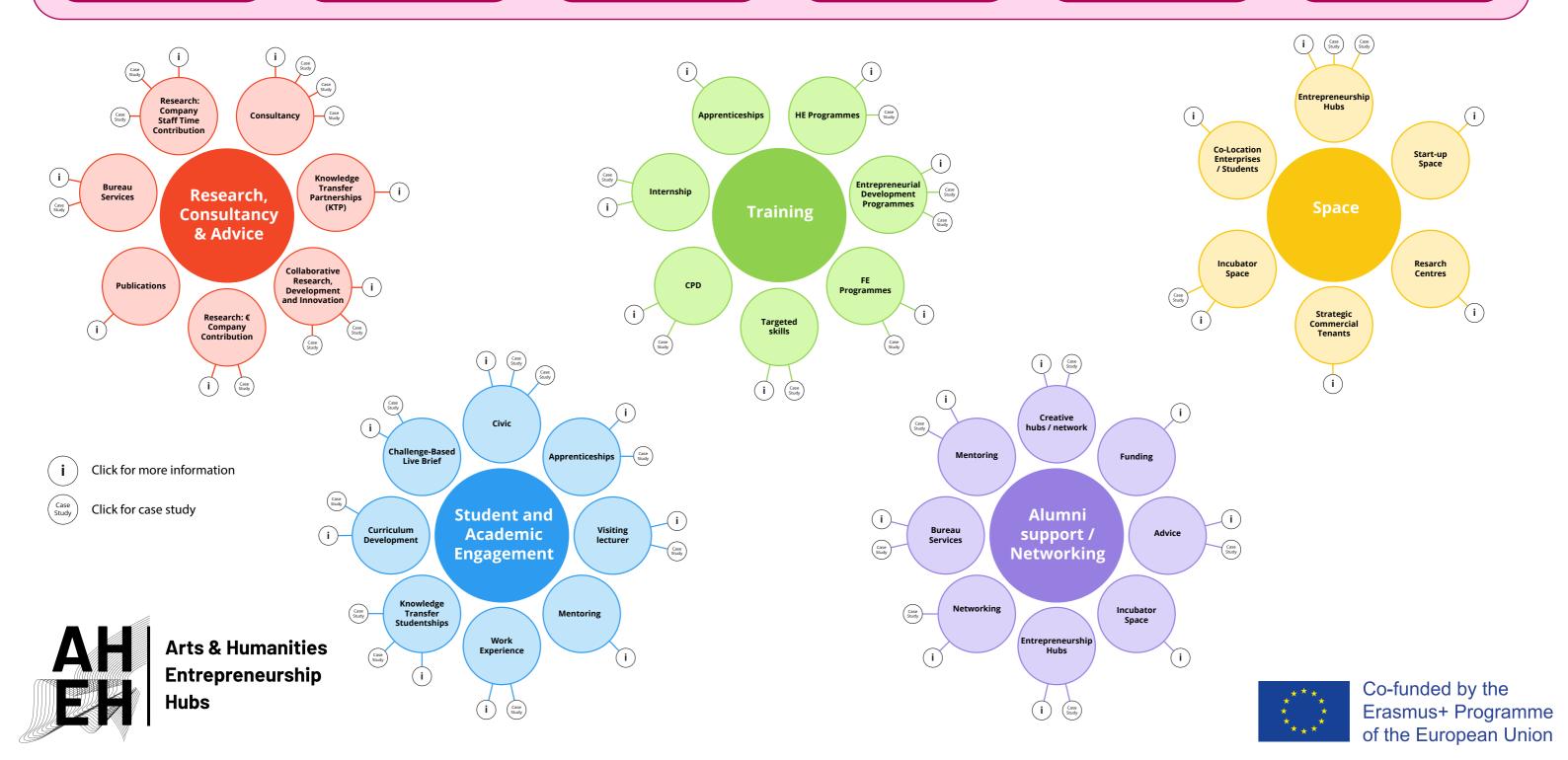
- Research and Development, New Products and Services
- Community Challenges, Special Projects and Inclusion
- New Skills, Better Skills
- Improving Graduate Outcomes
- Access to Technology and Equipment
- A Place to Work and Network

Research, Consultancy & Advice
- Research: Company Staff Time Contribution
- Consultancy
- Knowledge Transfer Partnerships (KTP)
- Collaborative Research, Development and Innovation
- Research: € Company Contribution
- Publications
- Bureau Services

Training
- Apprenticeships
- HE Programmes
- Entrepreneurial Development Programmes
- FE Programmes
- Targeted skills
- CPD
- Internship

Space
- Entrepreneurship Hubs
- Start-up Space
- Resarch Centres
- Strategic Commercial Tenants
- Incubator Space
- Co-Location Enterprises / Students

Student and Academic Engagement
- Civic
- Apprenticeships
- Visiting lecturer
- Mentoring
- Work Experience
- Knowledge Transfer Studentships
- Curriculum Development
- Challenge-Based Live Brief

Alumni support / Networking
- Creative hubs / network
- Funding
- Advice
- Incubator Space
- Entrepreneurship Hubs
- Networking
- Bureau Services
- Mentoring

ⓘ Click for more information

Case Study — Click for case study

AHEH Arts & Humanities Entrepreneurship Hubs

Co-funded by the Erasmus+ Programme of the European Union

Consultancy

Specialist knowledge and advice is given on a fee-paying basis.

HEIs are often centres of excellence with highly trained, skilled and knowledgeable staff. Acting as consultants, they can offer access to knowledge not available elsewhere in specialist areas and with the latest research findings. A fee is negotiated and paid and the project can be defined by time spent, outcome, or other criteria. On-going consultancy relationships are also possible where a retainer is paid. Consultancy work can be used on an as-needed basis and can eliminate the need for large research investments.

Knowledge Transfer Partnerships (KTP)

A KTP enables a business to bring in new skills and the latest academic thinking to deliver a specific, strategic innovation project through a knowledge-based partnership.

The academic partner (known as the Knowledge Base) will help to develop the project, provide academic input and recruit a suitable graduate, known as an associate. They will act as the employer of the associate, who then works at the business for the majority of the project. KTPs will normally have a defined end and outputs, but there are also on-going benefits from establishing new knowledge, ways of thinking and strategic relationships.

Collaborative Research, Development and Innovation

Working cooperatively to define and solve research problems which can be both theory and applied and lead to new innovative developments.

HEIs and external organisations will often have common interests and goals in research and development. Developing and undertaking collaborative research projects benefits both parties and can bring additional rewards beyond that possible by working alone. Collaborative research is extremely valuable in driving innovation as it brings together multiple parties whose knowledge and experience combine to enable transformative projects.

Research:
€ Company Contribution

A custom-designed research project funded in part or full by an external organisation.

If an organisation needs to carry out research but does not have the time, staff, space or equipment resources, it can partner with an HEI and fund the research as needed. An agreement is drawn up with an HEI detailing funding, outcomes and length of project and can be tailored to the needs of the external organisation. This is a good solution where an organisation has financial resources but lacks physical and human resources.

Case Study

Publications

Publishing through an HEI press can enable a wider or more targeted audience to be reached.

HEIs often run their own publishing press and have established networks and relationships within their specialist fields. Publishing through an HEI press can help your material reach an audience more easily than publishing independently. In addition, publishing in partnerships with HEIs in academic journals can offer and easier route to dissemination and provide greater impact.

Bureau Services

Paid-for specialist processes and use of equipment for specific jobs or projects.

HEIs will have a range of specialist technical equipment and have the know-how and staff to carry out specialised processes. A bureau service gives access to these without requiring large investment.   It enables innovation and development at manageable costs and with reduced risks. Bureau services can be accessed on an 'as needed' basis so there is no on-going financial commitment and it is a useful way of trialling new work or developments and refining new products.

Research: Company Staff Time Contribution

A research project where staff time is provided in place of a financial contribution.

Research carried out in collaboration by using the detailed knowledge of an organisation's staff together with the resources, skills and knowledge of HEIs. Research done in this way can be specifically tailored to a particular problem or outcome and the collaborative working means outcomes will be highly relevant and applicable. This is often a good way to carry out applied research where practical solutions are needed to real-world problems.

Research Consultancy and Advice: Consultancy

	Example
One sentence summary of approximately 20 words or less	**Magallanes_ICC Project with the University of Aveiro**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Magallanes_ICC is a project co-funded by the Interreg Portugal-Spain programme, with partners in the regions of Alentejo, Algarve and Andalusia. The aim of this programme is to support cultural and creative entrepreneurs in the development of their business ideas. The Creative Entrepreneurship Support Programme is promoted and coordinated by the University of Évora, in partnership with the Regional Directorate of Culture of the Alentejo, under the Magallanes_ICC project. It aims to capture ideas in the cultural and creative sector, with a view to developing prototypes and proofs of concept that allow selected entrepreneurs to test their proposals for products or services, contributing to the development of their business plans. Consult the regulations here. UPTEC was hired to develop and implement this programme (from its application/ selection rules to the workshops' themes and lecturers, including individual mentoring sessions and match making with mentors) specifically tailored to creative and cultural entrepreneurs/ professionals.
Name of HEI?	University of Porto/ University of Évora
Name of external organisation – type of organisation?	UPTEC – Science & Technology Park of the University of Porto
Outcomes?	Not only did the participant projects benefit from the programme but also ArteriaLab, the young creative hub linked to the University of Évora could benefit from UPTEC's long experience and network in the Creative and Cultural Sector. On the other hand, UPTEC also expanded its national network in this field.
What resources were needed?	20 creative projects participated at the intensive workshops week, 10 of which were selected to carry on with their ideas and develop their prototypes and business models.
External links to project, HEI and external organisation	https://arterialab.uevora.pt/criativos

Research Consultancy and Advice: Consultancy

	Example
One sentence summary of approximately 20 words or less	**MAX**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	MAX (Makers' eXchange) project is a pilot policy project, co-funded by the European Union, that aims to define and test policies and actions supporting the mobility and exchanges of experience between the cultural and creative industries, creative hubs, maker-spaces, fab-labs and formal and non-formal learning and skills development systems in a cross-sectoral way and embed makers' mobility schemes for skills development and inclusion into mainstream CCIs support programmes, policies and ecosystems across Europe. UPTEC interacted as trainers/mentors during exchange programmes and developed MAX impact evaluation framework. e.g. MAX Hyper Global/Hyper Local to support teams with a succeeding exchange format
Name of HEI?	University of Porto
Name of external organisation – type of organisation?	European Creative Hubs Network Makery FabLab Barcelona UPTEC – Science & Technology Park of the University of Porto
Outcomes?	10 projects were selected in the first round of exchanges and 20 in the second. After such exchanges, a complete makers' exchange programme is designed to be implemented by the European Commission.
Impact?	To integrate makers' mobility schemes into CCI's policies and programmes, through **ADVOCATING and UPSCALING** the impact of the demonstrator and sharing best practices, highlighting their contribution for **inclusion and skills development.**
External links to project, HEI and external organisation	http://makersxchange.eu

Research Consultancy and Advice: - Consultancy

	Example
One sentence summary of approximately 20 words or less	**CI3 - Arouca Centre for Industrial Incubation and Innovation**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	UPTEC was invited by the City Hall of Arouca (a city near Porto) to become a partner of CI3 - Arouca Centre for Industrial Incubation and Innovation (https://ci3.pt/), which aim is to encourage the development of the entrepreneurial ecosystem of Arouca, through the creation of new companies and innovative projects that stimulate the local economy and foster qualified employment in the region. Again, because of its prior experience and knowledge and because of its connection to the University of Porto, Ci3 finalists were awarded participation at UPTEC's School of Startups, where they could develop their business models and grow their networks, that followed them back as they set up their projects back in Arouca.
Name of HEI?	University of Porto
Name of external organisation – type of organisation?	UPTEC – Science & Technology Park of the University of Porto, City Hall of Arouca
Outcomes?	5 projects were selected to participate in UPTEC's School of Startups.
What resources were needed?	
External links to project, HEI and external organisation	https://ci3.pt

Research Consultancy and Advice: Collaborative Research Development and Innovation

	Example
One sentence summary of approximately 20 words or less	**Anti-Amnesia Webinars**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	During 2020, it is worth highlighting the two "AA webinars" on *Knowledge Management in Traditional Making and Creative Industries* and *Value Creation in Traditional Industries Through Design*, held under the project "Anti-Amnesia: Design Research as an agent for the regeneration and reinvention, narratives and materials, of disappearing Portuguese manufacturing cultures and techniques", promoted by ID+. UPTEC was responsible for inviting and moderating the two sessions, organizing the event and managing the online platform.
Name of HEI?	University of Porto
Name of external organisation – type of organisation?	UPTEC – Science & Technology Park of the University of Porto
Impact?	Promote discussion between researchers and practitioners on emergent topics in the field of design.
Outcomes?	2 webinars open to students and entrepreneurs
External links to project, HEI and external organisation	https://antiamnesia.fba.up.pt

Case Study 2

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Research Consultancy and Advice: Collaborative Research Development and Innovation

	Example
One sentence summary of approximately 20 words or less	**Creative FLIP**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Creative FLIP Project: synergy of UPTEC – Science and Technology Park of the University of Porto (creative industries centre) & University of Porto Faculty of Economics (FEP) and Casa Comum (rectory's cultural department) Project name: WHAT'S ART GOT TO DO WITH IT? - Artists talk about management competences (Video format)
Name of HEI?	University of Porto
Name of external organisation – type of organisation?	UPTEC – Science & Technology Park of the University of Porto
Impact?	The video format allows students to watch (and re-watch) interviews during class time or during study. This format also allows videos to be shared with a wider audience (using the social networks of the UPTEC and the University of Porto's cultural initiative, Casa Comum). Thus, the videos can reach more students, not only those from the Culture Economics class. The videos produced are openly licensed under Creative Commons and can be disseminated to anyone who wants to use it and replicate the model of the sessions in their own local context.
External links to project, HEI and external organisation	http://creativeflip.creativehubs.net/portfolio-item/learning-labs-uptec-science-and-technology-park-of-the-university-of-porto-university-of-porto/ http://creativeflip.creativehubs.net/2021/01/28/creative-flip-learning-labs-to-kick-off/ http://creativeflip.creativehubs.net

Research Consultancy and Advice, Research with company financial contribution: SMART Aston Martin

	Example
One sentence summary of approximately 20 words or less	SMART Partnerships match companies with research capabilities
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Aston Martin worked with UWTSD to develop a project that looked at the optimisation of their bonding processes. Two academic members of staff developed the project and two research associates were appointed to undertake the project alongside Aston Martin. The project was successful in its primary technical aim, but there were also other benefits: Enhanced teaching and learning experience for students Staff development for HEI academics Marketing and recruitment for both Aston Martin and UWTSD Civic mission through an enhanced relationship with Welsh Government
Name of HEI?	UWTSD
Name of external organisation – type of organisation?	Aston Martin
Impact?	
Outcomes?	Successful technical outcomes Broad range of additional benefits for all stakeholders
What resources were needed?	50% funded by Welsh Government 50% funded by partner company (Aston Martin)
External links to project, HEI and external organisation	https://businesswales.gov.wales/expertisewales/smart-partnerships-success-stories

Bureau Services and Access to Technology: CBM

One sentence summary of approximately 20 words or less	CBM is an industry focused advanced research, product development, and batch manufacturing facility
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	CBM's unique offering is delivered via an experienced development team, utilising state-of-the-art technology platform's which includes 3D printing, scanning and low volume manufacturing. CBM supports industry innovation across a wide range of disciplines and industry sectors including Aerospace, Automotive, Medical and Dental. Services include: New product development Bespoke medical devices 3D printing and scanning Prototype and production The Wales Centre for Advanced Batch Manufacture, known as CBM, has been established by University of Wales Trinity Saint David, and is a core component of the University's SA1 Swansea Waterfront development, driving innovation, creativity and entrepreneurship among companies engaged in new product development and low-volume manufacture
Name of HEI?	University of Wales Trinity St David
Name of external organisation – type of organisation?	The Wales Centre for Advanced Batch Manufacture, known as CBM
Impact?	High quality research and collaborative partnerships
Outcomes?	CBM has entered into a number of strategic partnerships in the UK, Europe and Asia. Academic partnerships across Europe support current PhD research projects, and further collaborations are under development in Asia to facilitate commercial opportunities.
What resources were needed?	Investment and premises provided by UWTSD. Services provided on a commercial basis and as part of collaborative research projects
External links to project, HEI and external organisation	https://www.uwtsd.ac.uk/ https://www.cbmwales.co.uk/

Research Consultancy and Advice, Research, company staff time contribution: ADE

	Example
One sentence summary of approximately 20 words or less	MADE Cymru's Advanced Design Engineering (ADE) programme is an ERDF funded scheme available to eligible manufacturing firms in Wales. It helps small and medium sized businesses to increase the efficiency and quality of their manufacturing via R&D.
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	As well as benefiting companies and their workforces, the ADE scheme is an investment in the future of Welsh manufacturing. The programme enables businesses in Wales to take advantage of new and advanced technologies such as additive manufacturing (3D printing) available as a result of Industry 4.0. Ideal candidates for the ADE programme include small and medium sized companies in Wales that already manufacture and are open to exploring new technologies, products and processes. The process includes a) project scoping b) research & development and c) implementation. MADE Cymru's three core projects aim to bring about disruptive change to Wales' production industry while encouraging collaboration and growth for businesses in Wales.
Name of HEI?	University of Wales Trinity Saint David (UWTSD)
Name of external organisation – type of organisation?	Manufacturing SMEs Pan Wales
Impact?	Increase in economic impact on manufacturers in Wales and create more resilient supply chains through collaborative R&D.
Outcomes?	The value of the R&D projects to companies involved to date exceeds £150,000 The impact of these R&D projects is worth over £5 million to companies
What resources were needed?	Company input is all via match e.g time, technical information and drawings, market intelligence, sample parts etc MADE resources includes a research centre with a suite of advanced manufacturing technologies, extensive staff knowledge and expertise, materials etc
External links to project, HEI and external organisation	www.madecymru.co.uk www.uwtsd.ac.uk

Research Consultancy and Advice, Research with company staff time contribution: ATiC

	Example
One sentence summary of approximately 20 words or less	ATiC (Assistive Technologies Innovation Centre) is an integrated research centre, putting user-centred thinking and strategic innovation tools into practice
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Through collaborative research, ATiC works with you to develop innovative products, services and systems in the health and wellbeing sector. ATiC is a partner in the Accelerate project which helps innovators in Wales turn their ideas into solutions. Whether you have an idea for a healthcare technology but aren't sure what steps to take next, you are in business and looking to expand your product range, or you are an allied health professional who has spotted a smart way to improve a process – we want to work with you. Rather than providing funding or grants, the programme offers access to the academic expertise, in-depth understanding of the life sciences eco-system and cutting-edge facilities. Accelerate is a pioneering collaboration between three of Wales' universities and the Life Sciences Hub Wales. ATiC is a research centre with expertise and experience in user-centred design, user-experience evaluation and analysis, 3D data and motion capture, as well as prototyping in a range of materials.Rather than providing funding or grants, the programme offers access to the academic expertise, in-depth understanding of the life sciences eco-system and cutting-edge facilities.
Name of HEI?	UWTSD
Name of external organisation – type of organisation?	Any organisation working in the broad healthcare and wellbeing sector
Impact?	
Outcomes?	User centred bespoke research and development projects
What resources were needed?	Staff time from the organisation seeking help for each project on a matched basis
External links to project, HEI and external organisation	https://www.uwtsd.ac.uk/atic/

Civic Projects

Operating, supporting or initiating programmes of civic benefit.

HEIs are often cornerstone institutions in their communities and are well-placed both physically and strategically to initiate, support and operate programmes of civic engagement. Civic engagement with HEIs can be an ongoing endeavour or a one-off project that is transformative in nature. Examples include addressing issues of social exclusion or economic decline or the rejuvenation of local areas or new uses for buildings. HEIs can act as catalysts and coordinators to bring together disparate participants that are needed for the success of civic project.

Apprenticeships

A programme of on-the-job paid training with an employer and external study to gain qualifications.

Apprenticeships offer a tried and tested structure for training and learning. There are programmes of support and funding available for employers to offer apprenticeships and they are valued by participants and employers for providing in-depth and custom-made learning that develops skills and employability. Apprenticeships are a reliable transition route from learning to employment and employers benefit from employees that they know have the skills set that is needed and who are experienced and engaged in their business.

Visiting Lecturer

Lecturers from outside HEIs provide valuable knowledge and perspective and enrich the student experience.

Being an external lecturer for HEI students provides valuable opportunities for students to experience different perspectives around their chosen study subject and also to hear directly from real-world experienced practitioners. External lecturers from business and other sectors as well as individuals, all contribute to a contextual and holistic approach to student learning. For the lecturer, there is an opportunity to discuss new ideas and ways of working within an academic environment and associated advantages of networking and wider recognition.

Mentoring

Support and advice from an experienced practitioner in the field

Mentoring supports and encourages students by providing a perspective from an experienced mentor in their chosen field. The knowledge of a person with lived experience is invaluable and can inspire students and give confidence. Having a person who can answer questions or direct students to relevant resources and solutions based on real-world examples amplifies and cements the formal taught elements of HEI courses. For the mentor there is the satisfaction of passing on their experience and enabling students to succeed with confidence in their chosen field.

Work Experience

As part of many HEI courses, students go on work placements with employers in sectors relevant to their courses.

Many HEI courses develop skills that are directly applicable to particular types of employment. As part of the course content, students are matched with relevant employers and students spend time with that employer gaining real-world experience. For the students, this helps cement and contextualise their learning and also provides additional learning opportunities to acquire tacit knowledge that is difficult to provide in formal teaching settings. For employers, it provides the opportunity to help and support the next generation of potential employees and can be used to develop the skills of existing workers in areas such as skills and knowledge sharing and supervision.
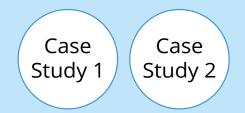
Knowledge Transfer Studentships

A Knowledge Transfer Studentship is similar in aim to a Knowledge Transfer Partnership but provides funded student research places.

Knowledge Transfer Studentships are a type of Knowledge Transfer Partnership, but with the provision of a funded studentship. The HEI will jointly develop the research project with the external partner and administer the funding and act as employer for the student. The exact nature of the research project can be tailored to the specific needs of the partner and the student can be embedded with the external partner or work independently with input as required. Specific aims and objectives are agreed at the outset, but there can be flexibility as the project progresses and these project are typically longer term arrangements of up to three years.

Curriculum Development

External input into the continual review and improvement of courses and curriculum to maintain validity and relevance.

It's important that the courses, teaching materials and curriculum are kept relevant and up to date. If courses are designed to equip students with particular skills for a specialist job role, those must reflect changes and developments in the field. So HEIs need to be in dialogue with experts, practitioners and employers to ensure this happens, New subjects and skills are also added to curriculums as new developments and trends emerge and there is role for external organisations to influence and advise on additions and changes

Challenge-Based Live Brief

As part of a teaching module a real-life project challenge is given to students.

Many courses will utilise real-life challenges set by external organisations. These provide students with an invaluable insight into the real-world projects, problems and challenges facing organisations in their chosen field of study. A challenge-based live brief allows students to apply their knowledge in a real-life scenario with the external organisation having input into tutoring, guidance and assessment. Students gain confidence in their abilities by experiencing how projects are assessed and organised.

Student and Academic Engagement, Civic: City of Sanctuary

	Example
One sentence summary of approximately 20 words or less	Working with Swansea City of Sanctuary.
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	University of Wales Trinity Saint David is a pledged supporter of Swansea City of Sanctuary. Caroline Thraves Academic Director for Art and Media is a named link between the university Swansea City of Sanctuary and represents the university at regular meetings. The university is working towards becoming a university of sanctuary for asylum seekers and refugees. The university supports the City of Sanctuary with creative art and design workshops for asylum seekers and refugees, some accredited some non accredited which the university will draw upon funding to allow free access to these. Student projects, such as the link below and this year the sanctuary bursaries.
Name of HEI?	University of Wales Trinity Saint David
Name of external organisation – type of organisation?	Swansea City of Sanctuary
Impact?	There has been considerable impact for the university. Firstly, the aim to become a university of sanctuary which has led to the bursaries listed below. Secondly, we have welcomed individuals into the university who would have previously not come through our doors. Staff have become more informed on issues of asylum seeker and refugees. We are actively contributing to the CIVIC Mission of the university and the wider community.
Outcomes?	This has led to the university having 4 Sanctuary Scholarships in place for 2020/21. These are fee waivers and up to 3k a year in other supports such as bus passes, food tokens, IT equipment. The university is working towards becoming an accredited university of sanctuary.
What resources were needed?	Funding for workshops. Visit to another University of Sanctuary for key strategic leaders. Funding for 4 bursaries for UG students which will now be offered every year. A commitment from the university towards its CIVIC Mission.
External links to project, HEI and external organisation	Swansea City of Sanctuary, Winchester University https://www.uwtsd.ac.uk/news/press-releases/press-2020/new-book-aims-to-increase-empathy-towards-asylum-seekers-living-in-swansea.html

Student and Academic Engagement: Civic Projects

	Example
One sentence summary of approximately 20 words or less	**Futureplaces.org**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	1) Festival: http://futureplaces.org support of production and offered the premises for things to happen/ workshops and conferences were held at uptec Between 2008 and 2018, FUTUREPLACES has addressed the dynamics between new media and the socio-cultural fabric. A multitude of workshops, projects, talks, creative events and think-tanks has woven itself onto a wide network of local and international resonance. UPTEC was involved in the support of production and offered its space for activities to happen.
Name of HEI?	University of Porto/ University of Texas in Austin
Name of external organisation – type of organisation?	UPTEC – Science & Technology Park of the University of Porto
External links to project, HEI and external organisation	http://futureplaces.org

Student and Academic Engagement: Apprenticeships

	Example
One sentence summary of approximately 20 words or less	**Internship programmes**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Internship programmes with the Faculty of Fine Arts (Communication Design Degree) and Faculty of Arts (Communication Sciences Degree).
Name of HEI?	University of Porto
Name of external organisation – type of organisation?	UPTEC – Science & Technology Park of the University of Porto

Student and Academic Engagement, Work Experience: UWTSD Surface Pattern

One sentence summary of approximately 20 words or less	4th year Surface Pattern student worked on an artwork commission for new Palliative Care unit at the Royal Glamorgan Hospital.
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Students were invited to pitch to Arts and Health Consultants, Willis Newson, in response to an exclusive and tailored BA/MDes Surface Pattern Design live-brief. Willis Newson curated an integrated scheme of artworks at the new unit, and were keen to involve new welsh design talent. 4th year Anna Bruce was selected to design artwork concepts for the new Y Bwthyn Unit impatient area. She then worked directly with the steering committee, including a variety of stakeholders – Macmillan Cancer support, Cwm Taf Morgannwg University health Board, KKE Architects and friends of the original and much-loved Y Bwthyn Hospice. She went from the Design Concept Boards that won her the paid commission, to undertaking workshops with patients and staff at the original hospice gauging what people would like to see in the final design outcomes, to working on bespoke designs for the new build through consultation with the steering group. The experience lasted for the whole of Anna's 4th year and continued into her first year as a graduate until the building was finally opened just before the pandemic in early 2020.
Name of HEI?	UWTSD
Name of external organisation – type of organisation?	http://www.willisnewson.co.uk Arts and Health Consultants
Impact?	The Y Bwthyn Artwork was the Case Study at the **Enhancing Healthcare Environments** events run by Willis Newson in association with WAHWN. One of the contributors to the event worked at the new Unit and said the impact of the art works has been profound and they could never have anticipated the value and importance of them over the last year particularly.
Outcomes?	An incredible accolade for the student (now graduate.) A CV building game changer. Willis Newson were really pleased with the design outcome, as are the other stakeholders.

What resources were needed?	Networking by Programme Manager to develop the relationship with Willis Newson, and secure and develop the initial project brief concept.
	Students self-directed in response to the brief over a summer break period.
	Programme Manager was asked to discuss the shortlisting with Willis Newson.
	Programme Manager attended an initial site meeting with the student but then gave the student autonomy to undertake the rest of the engagement alone to maximise growth.
	The student was supported on campus by the lecturing team, and the artwork and work experience was applied to and discussed in the context of several 4th year modules.
	    Design Experiment
	    Creative Enterprise and Practice
	    Creative Venture

External links to project, HEI and external organisation	http://www.willisnewson.co.uk/y-bwthyn-macmillan-palliative-care-centre.html

Student and Academic Engagement, Visiting Lecturer – Jan Koen Lomans

	Example
One sentence summary of approximately 20 words or less	International Dutch artist, Jan Koen Lomans, was appointed researcher and Professor of Practice at UWTSD, Wales.
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Jan Koen Lomans, researcher and invited Professor of Practice at the University of Wales Trinity St David was selected to show at "Masterly the Hague": New Masters in a New Golden Age in the Museum District in the Netherlands recently. Jan presents work that was produced in collaboration with Swansea College of Art's Surface Pattern Design students resulting in a remarkable celebration of old and new craftsmanship in an auspicious setting. This collaborative applied laser research has been built up over the last five years, with the staff team and students of BA Surface Pattern Design, developing and creating innovative artworks that have been shown internationally by Lomans
Name of HEI?	UWTSD
Name of external organisation – type of organisation?	Jan Koen Lomans
Impact?	Students have been given the opportunity to collaborate with a leading artist and to travel overseas. Jan Koen Lomans has had access to highly specialised technology and equipment and developed collaborative projects
Outcomes?	Students collaborating and gaining experience with an international artist and exhibiting their own work at OBJECT Rotterdam
What resources were needed?	Jan Koen Lomans devoted time to working with the academic team and students, and the university team spent time on organisation and support
External links to project, HEI and external organisation	https://www.jankoenlomans.com/ https://www.uwtsd.ac.uk/art-design/surface-pattern-design/surface-pattern-industry-links/jan-koen-lomans/

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Student and Academic Engagement, Knowledge transfer studentships: KESS2

	Example
One sentence summary of approximately 20 words or less	**Knowledge Economy Skills Scholarships (KESS 2)** is a major pan-Wales operation that links companies and organisations with academic expertise
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	**Knowledge Economy Skills Scholarships (KESS 2)** is a major pan-Wales operation supported by European Social Funds (ESF) through the Welsh Government. KESS 2 links companies and organisations with academic expertise in the Higher Education sector in Wales to undertake collaborative research projects, working towards a PhD or Research Masters qualification. Research elements are integrated with a higher-level skill training programme, leading to a Postgraduate Skills Development Award. KESS 2 involves all universities in Wales and is led by Bangor University. The key objectives of KESS 2 are: To increase the research capacity of small to medium enterprises (SMEs) by linking with a PhD / Research Masters project To encourage SMEs to undertake research and recruit researchers To prepare and train individuals to contribute to research as professionals To support the development of key technologies in the Convergence Area of Wales To promote higher-level skills development
Name of HEI?	All Welsh HEIs
Name of external organisation – type of organisation?	380 organisations and companies, 61% of which are SMEs
Impact?	645 funded scholarships over 6 years
Outcomes?	645 funded scholarships over 6 years Investment in Convergence Areas of West Wales and the Valleys
What resources were needed?	Funding from the European Social Funds (ESF) through the Welsh Government Willing participants from companies, academics and students
External links to project, HEI and external organisation	http://kess2.ac.uk/about/

Case Study 2

Student and Academic Engagement, Knowledge transfer studentships: KESS2 and Orangebox Ltd

	Example
One sentence summary of approximately 20 words or less	"Orangebox Ltd, an office furniture manufacturer, wanted help to understand and implement circular economy principles for their business"
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	"A Welsh office furniture manufacturer, Orangebox Ltd, partnered with UWTSD under the KESS2 programme (Knowledge Economy Skills Scholarships) to fund a 3-year PhD research studentship to look at sustainability and circular economy in relation to their products and ways of manufacturing. With external funding from KESS2, their own investment was supplemented, and they achieved much more than working alone. A range of new knowledge and potential ways of working were gained along with new product development, all specifically tailored to their business."
Name of HEI?	UWTSD (University of Wales Trinity St David)
Name of external organisation – type of organisation?	Orangebox Ltd
Outcomes?	New collaborative relationships with education and industry partners New product development New strategic tools for implementing sustainability
What resources were needed?	Financial contribution (but not full cost) Staff time for project liaison and collaborative working A suitable project that aligned with the KESS2 funding requirements
External links to project, HEI and external organisation	

Student and Academic Engagement, Curriculum Development

	Example
One sentence summary of approximately 20 words or less	**Joint PhD design programme between UPTEC and U.Porto**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Open to startup community - futureplaces.org – digital media and local cultures festival, (UTAustin Portugal Colab - utaustinportugal.org) - PhDDesign (Fac. Fine Arts, ID+, UPTEC) - Seminars of Arts and Culture in the Digital Era (Fac. Economics, Fac. Fine Arts, Fac. Arts, U.São Paulo/ Brasil, UPTEC) - Project Management Unit at the Masters in Communication and Management of the Creative Industries (Faculty of Arts, UPTEC); - Specialization Course in Interactactivity, Web and Game Design (Fac. Fine Arts, Fac. Engineering, UPTEC; https://ix.fba.up.pt/) - Design Management Unit at the Communication Design Degree (Fac. Fine Arts, UPTEC)
Name of HEI?	University of Porto
Name of external organisation – type of organisation?	UPTEC-Science & Technology Park of the University of Porto
Outcomes?	For students: by participating in these programmes, students and researchers have the opportunity to be in direct contact to UPTEC's community of entrepreneurs and startups that they can use as object for their research and/ or to develop projects that respond to the actual startups' needs. For startups: by interacting with these programmes, startups have the opportunity to keep up to date in terms of the state-of-the-art solutions to their problems as they see some of these problems addressed (and sometimes solved) by upcoming experts in their field. This sometimes results in recruitment.

Student and Academic Engagement, Challenge based live brief: AHEH Challenges

	Example
One sentence summary of approximately 20 words or less	AHEH Challenge based briefs offer opportunities to apply problem-solving skills to real-world problems
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	As part of the comprehensive package of skills training and resources, the AHEH (Arts and Humanities Entrepreneurship Hub) has collated a wide collection of challenges based on real-world problems and set by people with knowledge of those problems. The challenges are in the form of videos and invite participants to offer solutions by going through a process of ideation and refinement as outlined in other AHEH training resources. The approach initiates a deep level of engagement and generates a rich and broad collections of responses, typically using expertise of a range of people with a wide spectrum of experience and knowledge. Organisations can use this model to replicate challenge and solution finding for any situation
Name of HEI?	Please see https://www.artshumanitieshub.eu/ for a full list of partners
Name of external organisation – type of organisation?	Please see https://www.artshumanitieshub.eu/ for a full list of partners
Impact?	Skills development for participants Collaborative solution finding
Outcomes?	Engagement with students Generation of diverse range of problem-centred solutions
What resources were needed?	An organisation will need to give time to set challenges and liaise with HEI partner Financial costs are dependent on the project
External links to project, HEI and external organisation	https://www.artshumanitieshub.eu/the-challenges/

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HE Programmes

Higher Education Programmes leading to certificated qualifications.

Certified taught programmes are the main activity of HEIs and are the traditional route of engagement for individuals. As well as full-time courses, HEIs increasingly offer modes of study that enable wider participation including distance learning and part-time or modular courses. Some programmes coordinate with employers to offer day-release study options.

Entrepreneurial Development Programmes

Custom designed programmes to support and develop entrepreneurial skills and activity.

Specialist development programmes that offer tailored training and support to develop entrepreneurial competencies. These skills and competencies are typically supplementary to core academic subjects and include themes such as business planning, raising finance, intellectual property, communication skills and more...

In addition these programmes can offer excellent environments for networking and collaboration as well as sign-posting to other relevant services and information sources.

FE Programmes

Further Education Programmes leading to formal qualifications.

HEIs offer a range of formal certificated learning programmes, not limited to undergraduate degrees. There are a range of courses available at Levels 3 to 5, which include vocational training as well as other subjects. Further Education programmes are offered in different formats, including part-time study and modular courses.

Targeted Skills

Specific skills training for technical and vocational roles.

HEIs run a multitude of skills-based training programmes. These can range from conventional degree level courses through to specially developed training for specific job roles, skills or employment sectors. HEIs will often develop such training in response to market requests or research showing a need and collaborative partnerships with external organisations are useful to highlight this.

CPD

HEIs can develop and run CPD (Continuing Professional Development) courses.

CPD plays an important part in any organisation and its investment in its people. By undertaking a programme of CPD, skills and knowledge are kept up to date and an organisation's workforce is kept interested and engaged. New developments in your field of activity can be quickly assimilated and adopted. HEIs can operate CPD programmes or help to develop them using their facilities and knowledge base.

Internship

A student or trainee works in an organisation to gain experience and knowledge.

Internships are much like work experience in that a student or trainee will work for an organisation in order to gain experience. The role may be for a set period or on-going. Often internships are unpaid but offering unpaid internships limits the pool of potential applicants only to those who can afford to work for free. Offering paid internships allows an organisation to access the widest pool of talent and potential employees. Internships enable organisations to provide work experience at low cost and low risk and can be an effective route to permanent recruitment

Apprenticeships

A programme of on-the-job paid training with an employer and external study to gain qualifications.

Apprenticeships offer a tried and tested structure for training and learning. There are programmes of support and funding available for employers to offer apprenticeships and they are valued by participants and employers for providing in-depth and custom-made learning that develops skills and employability. Apprenticeships are a reliable transition route from learning to employment and employers benefit from employees that they know have the skills set that is needed and who are experienced and engaged in their business.

Training: HE Programmes

	Example
One sentence summary of approximately 20 words or less	International Design Business Management – program centers around industry-projects by students from arts, business and technology.
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	IDBM is a pioneering and renowned study programme that truly embodies the vision of Aalto by integrating design and technology with global business development. Through transdisciplinary teamwork and real-life business challenges provided by our prominent industry partners, the programme prepares students as the next generation of creative professionals. Aalto University, School of Ecnomics Aims to train students for work in multi-disciplinary environments and organizations, through providing real-life challenges from businesses and/or public sectors.
Name of HEI?	Aalto University, School of Economics
Name of external organisation – type of organisation?	All industry projects are sponsored by external organizations (businesses, public sector or NGO:S).
Impact?	Students have ability to solve complex challenges in inter-disciplinary teams.
Outcomes?	Industry partners are provided with solutions to different kinds of challenges or problems utilizing skills and expertise form different disciplines.
What resources were needed?	Normal teaching resources + industry paid fee for development project.
External links to project, HEI and external organisation	https://www.aalto.fi/en/study-options/masters-programme-in-international-design-business-management-msc-in-economics-and

Training: Entrepreneurial Development Programmes

	Example
One sentence summary of approximately 20 words or less	Product Development Project –course evolves around real-world challenges from the industry.
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	The popular course is centered around development projects done in multi-disciplinary and international teams. At the start, a lot of attention is directed to the forming of highly motivated interdisciplinary teams. A project typically includes phases of understanding the challenge, planning, research, concepts generation, prototyping and testing. The project concludes with the Product Design Gala where the teams present their final functional prototypes of a tangible product or service solution for their industry challenge. Course is offered by Aalto University's Design Factory. It aims to provide students with skills to answer real-life industry challenges, and produce tangible outcomes/solutions.
Name of HEI?	Aalto University, Finland
Name of external organisation – type of organisation?	All projects developed as part of the PVP course are sponsored by external companies or other organizations.
Impact?	Students who are equipped to produce tangible solutions and prototypes for testing.
Outcomes?	Industry partners get solutions / prototypes for their challenges.
What resources were needed?	Prototyping labs, equipment and materials for students / industry partner's use.
External links to project, HEI and external organisation	https://pdp.fi/

Case Study 2

Training: Entrepreneurial Development Programmes

	Example
One sentence summary of approximately 20 words or less	**School of Startups**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Created in 2013, the School of Startups is a business ideas acceleration programme, promoted by UPTEC – Science and Technology Park of University of Porto. The School of Startups is designed to prepare entrepreneurs to the challenges of creating and developing a new business project.During three months, the participants have the opportunity to interact with new tools and concepts and work with structures and people that can help them validate the idea in the market.
Name of HEI?	University of Porto
Name of external organisation – type of organisation?	UPTEC – Science & Technology Park of the University of Porto
Impact?	This format has already had the participation of 106 students and researchers from the U.Porto involved in the creation of 30 business ideas.
External links to project, HEI and external organisation	https://escoladestartups.org

Case Study 1

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Training, F E Programmes: Crowning Glory

	Example
One sentence summary of approximately 20 words or less	CROWNING GLORY A collaborative Art project with Swansea College of Art, UWTSD and the Swansea African Community Centre
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Practical art workshops that explore cultural and gendered identity based on the theme of headdresses and hear wear. The workshops will be delivered in a blended learning format and culminate in a pop-up public exhibition/ display linked to the theme "Choose to Challenge" and International Women's Day (March 2021).
Name of HEI?	University of Wales Trinity Saint David
Name of external organisation – type of organisation?	The Swansea African Community Centre
Impact?	Meeting the widening access HE agenda the project has have welcomed individuals into the university who would have previously not come through our doors. We are actively contributing to the CIVIC Mission of the university and the wider community. A collaboration with another Welsh University for the exhibition event has created collaborative opportunities for future projects and funding bids.
Outcomes?	Projects such as these have helped lead to the university having 4 Sanctuary Scholarships in place for 2020/21. These are fee waivers and up to 3k a year in other supports such as bus passes, food tokens, IT equipment. The university is working towards becoming an accredited university of sanctuary. This project is one of a portfolio of outreach initiatives that mentors and supports recent gradates and early career artists in using their subject specific expertise to inform the planning and delivery of community and educational workshops.
What resources were needed?	Funding for workshops. A commitment from the university towards its CIVIC Mission.
External links to project, HEI and external organisation	https://www.uwtsd.ac.uk/news/press-releases/press-2020/uwtsd-launches-creative-collaboration-with-swansea-african-community-centre-.html

Training, Targeted Skills: MADE Cymru

	Example
One sentence summary of approximately 20 words or less	MADE Cymru's Innovation Management programme equips modern professionals with a global perspective on innovation management via certified online courses.
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	As well as offering core modules on the principles and methods of innovation management, students attend online sessions with international innovation experts. The courses are targeted to any business in Wales and are appropriate to many job roles. Although MADE Cymru is a manufacturing project, the innovation management courses apply to all sectors. For businesses to thrive, a strong culture of innovation is necessary across all roles, from engineering and logistics to marketing and finance. With the majority of students already active in roles at businesses and organisations in Wales, the programme is designed to be flexible and adaptable to suit the needs of employers. There are two variations of an International Innovation Masters: a two-and-a-half year MSc course for those committed to achieving a full masters qualification, and a shorter 32-week course that condenses the most important practical knowledge into two key modules. MADE Cymru's three core projects aim to bring about disruptive change to Wales' production industry while encouraging collaboration and growth for businesses in Wales.
Name of HEI?	University of Wales Trinity Saint David (UWTSD)
Name of external organisation – type of organisation?	Companies interested in increasing and managing innovation within the business. Both Micro and Large are eligible.
Impact?	MADE Cymru's three core projects aim to bring about disruptive change to Wales' production industry while encouraging collaboration and growth for businesses in Wales.
Outcomes?	Upskill current workforce in Wales. Increase capability and deliver economic gain to companies participating as a result of projects and new skills and knowledge.
What resources were needed?	All courses are delivered live online. Network of Innovation Specialists globally contribute to the programme delivery.
External links to project, HEI and external organisation	www.madecymru.co.uk www.uwtsd.ac.uk

Training, CPD: MADE Cymru

	Example
One sentence summary of approximately 20 words or less	MADE Cymru's ESF funded Upskilling for Industry 4.0 certified courses are designed to equip working engineers with the practical knowledge they need to harness new technologies and positively impact their organisation's processes, productivity and product.
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	To benefit from the transformative processes and tools that have come about as a result of Industry 4.0, the Upskilling for Industry 4.0 courses help students understand how new technologies can be applied in a commercial setting. With the majority of students already active in roles at manufacturing firms in Wales, the programme is designed to be flexible and adaptable to suit the needs of employers. There are three variations of the Upskilling for Industry 4.0 programme: a complete MSc course for those committed to achieving a full Masters qualification, and the choice of two shorter 32-week courses (one at Level 5 and one at Level 7) that condenses the most important practical knowledge into two modules. MADE Cymru's three core projects aim to bring about disruptive change to Wales' production industry while encouraging collaboration and growth for businesses in Wales.
Name of HEI?	University of Wales Trinity Saint David (UWTSD)
Name of external organisation – type of organisation?	Manufacturing companies Pan Wales, Micro through to Large.
Impact?	MADE Cymru's three core projects aim to bring about disruptive change to Wales' production industry while encouraging collaboration and growth for businesses in Wales.
Outcomes?	Upskill current workforce in manufacturing in Wales. Increase capability and resilience in the supply chain. Economic gain to companies participating as a result of projects and new skills.
What resources were needed?	All courses are delivered live online.
External links to project, HEI and external organisation	www.madecymru.co.uk www.uwtsd.ac.uk

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Training, Internship: H&M + UWTSD SPD

	Example
One sentence summary of approximately 20 words or less	Six students from University of Wales Trinity Saint David's College of Art have won three month paid internships with retail giant H&M at their headquarters in Stockholm
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	The Surface Pattern Design course at UWTSD have built a strong link with H&M after their graduates were spotted by the company in 2015 at New Designers in London. H&M viewed the students' graduate work and spent time interviewing before offering six students the opportunity for a 3-month paid internship in Sweden. The internship opportunity came after H&M had set a live brief project for the students as part of their course and the relationship between the firm and the course has proved beneficial for all, especially in offering the students a rich, exciting and dynamic learning environment that H&M are a global brand and see value in engagement with design students at the very beginning of their career and building strong connections with high quality academic courses as it provides them with a connection with new and up and coming talent
Name of HEI?	UWTSD
Name of external organisation – type of organisation?	H&M
Impact?	Career launching experience and exposure for students and further development of connections with design courses that are important to commercial success
Outcomes?	International paid work experience for 6 students Cementing and on-going relationship between a global commercial company and a leading academic course
What resources were needed?	H&M invested staff time and money in paying students for work experience and supporting the process. Staff at UWTSD spent time in organising and supporting the students and in liaising with H&M to ensure the project was successful
External links to project, HEI and external organisation	https://www.uwtsd.ac.uk/surface-pattern-design-textiles/ https://career.hm.com/content/hmcareer/en_se/student/student/student.html

Creative Hubs and Networks

Creative Hubs offer targeted information and skills development for the creative industries.

Creative Hubs offer a tailored environment, both online and in physical locations for the needs of the creative industries. Resources, training and information is curated to ensure it is useful and relevant. Hubs can include additional resources such as specialised work spaces (co-working, incubator, start-up) and access to technical and specialised equipment and technical processes, as well as fostering a community of like-minded businesses and people where opportunities for collaboration and networking are enhanced.

Funding

HEIs have access to, or information about many different funding streams and opportunities.

Many activities and projects are dependent on obtaining funding. HEIs can be focal points for obtaining funding through various routes. They may offer funding themselves or more likely have information and access to a range of external funding streams. Often funding from external bodies is dependent on a number of criteria which could include specific outcomes, matched funding, inclusion of specific partners, etc. HEIs are well placed to advise on these and can often act as co-ordinators to match partners for successful funding bids.

Advice

Highly specialised advice from top experts in their fields, or more generalised support and sign-posting.

HEIs both employ and have links with highly knowledgeable and qualified people in their fields. Many have strong links with industry and government or are highly regarded practitioners in their own right. This makes them well-placed to provide advice and support on specialised topics. In addition, HEIs may offer specific advice services.

Incubator Space

Physical working spaces for new or emergent businesses, often with added benefits such as facilities and equipment.

Incubator spaces offer new businesses space to get established, but they also offer a supportive environment that can help a new business navigate set-up and start-up phases. Paying for space is often low-cost, is sometimes subsidised and can be flexible in terms of changing the space you need as your business grows. Contracts can be flexible without tying you in to a long-term commitment. There will be similarly sized businesses alongside you, so networking and collaboration opportunities are excellent. Spaces run by HEIs will often have added benefits of having access to specialist facilities or equipment and experts who are at the forefront of new research.

Entrepreneurship Hubs

Specialised information exchanges providing skills training, information and networking to develop entrepreneurial activity.

Entrepreneurship Hubs provide one-stop access points to information, knowledge and support that is specifically targeted at encouraging and nurturing new business development. Hubs can offer access to resources and training for skills development in a holistic way that can be tailored to the needs of users. Entrepreneurship is more than having a good idea or knowing.

Networking

Events and forums to expand contacts and information exchange.

Networking is important in many sectors, enabling new contacts to be made and new routes for information exchange and dissemination. It gives opportunities for new idea development and collaborative working. HEIs have many established networks with business, non-profit, government, education and research sectors and are good coordinating focus points of contact. Belonging to an HEI network can give you insight and opportunities and provide a wider perspective on your area of activity.

Bureau Services

Paid-for specialist processes and use of equipment can be bought for specific jobs or projects.

HEIs will have a range of specialist technical equipment and have the know-how and staff to carry out specialised processes. A bureau service gives access to these without requiring large investment. It enables innovation and development at manageable costs and with reduced risks. Bureau services can be accessed on an 'as needed' basis so there is no on-going financial commitment and it is a useful way of trialling new work or developments and refining new products.

Mentoring

Support and advice from an experienced practitioner in the field.

Mentoring supports and encourages students by providing a perspective from an experienced mentor in their chosen field. The knowledge of a person with lived experience is invaluable and can inspire students and give confidence. Having a person who can answer questions or direct students to relevant resources and solutions based on real-world examples amplifies and cements the formal taught elements of HEI courses. For the mentor there is the satisfaction of passing on their experience and enabling students to succeed with confidence in their chosen field.

Alumni Support and Networking, Creative Hubs: European Creative Hubs Network

	Example
One sentence summary of approximately 20 words or less	The European Creative Hubs Network is a peer-led network with a mission to enhance the creative, economic and social impact of hubs
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	There are many existing creative and cultural networks in Europe, however, none are specifically tailored to support physical spaces that provide services to multiple creative businesses. As focal points for creative businesses, hubs offer the most effective way to support the growth and development of creative industries. To achieve this, hubs themselves need to network, to pool resources, share best practices, and build on advocacy, policy and opportunities. The values of the network are: Transparency Collaboration Responsibility
Name of HEI?	Various associated with Hubs across the network
Name of external organisation – type of organisation?	European Creative Hubs Network http://creativehubs.net/
Impact?	Connecting and information exchange between creative hubs to further the promotion of creative businesses and workers
Outcomes?	Exchange of experience, skills, knowledge and learning across a network of hubs across Europe that support creatives business
What resources were needed?	A collection of cooperative Hubs willing to collaborate
External links to project, HEI and external organisation	http://creativehubs.net/

Alumni Support and Networking, Advice: TEaM Rural

	Example
One sentence summary of approximately 20 words or less	Arts & Humanities Graduates offer an Innovative Solution to Rural Enterprise
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	TEaM Rural is a strategic development entity which builds on the outputs from the AHEH experience. TEaM Rural facilitate a 'living lab' environment for rural economies through sourcing ideas, brokering innovation and facilitating income generation and investment that utilise creative skillsets as a key component and stimulus. The project leverages its links and knowledge network to engage with existing policies and structures to assist the balancing of creativity, entrepreneurship and ecosystem development with a rural approach. A collaborative networking structure is at the core of TEaM Rural and is based on connecting industry with creative arts in academia to develop rural economies with the support of relevant public sector agencies.
Name of HEI?	Institute of Technology Carlow
Name of external organisation – type of organisation?	
Impact?	Brokering and facilitating an entrepreneur-centred approach, which connects with the entrepreneur's ambition to develop a globally focused locally resourced enterprise.
Outcomes?	The TEaM Rural structure and services encourage entrepreneurial individuals to leverage their ideas against TEaM Rural as a credible platform around which to develop a local economy.
What resources were needed?	Part-funded through the Regional Enterprise Development Fund 2017-2020 (Call3)
External links to project, HEI and external organisation	www.itcarlow.ie

Alumni Support, Networking, Entrepreneurship hubs: AHEH

	Example
One sentence summary of approximately 20 words or less	The AHEH project brings together 14 partners from across 7 EU member states to improve the entrepreneurial capacity of A&H students with an innovative programme of entrepreneurial training
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	The AHEH project brings together 14 partners from across 7 EU member states to improve the entrepreneurial capacity of A&H students with an innovative programme of entrepreneurial training. There are three aims: 1.To develop a tailored Arts and Humanities entrepreneurship model that improves the long-term entrepreneurial prospects for A&H students. 2.To create 7 new A&H Entrepreneurship Hubs situated in partner faculties. These will be the specialist conduits for permanently improving the entrepreneurial skill-sets of A&H staff and students as well as a template for wider exploitation. 3.To have Higher Education Institutions, creative industries, businesses and stakeholders working together to champion the value of A&H students to a wider audience and ensure that industry need is reflected in the training programmes.
Name of HEI?	Please see https://www.artshumanitieshub.eu/ for a full list of partners
Name of external organisation – type of organisation?	Please see https://www.artshumanitieshub.eu/ for a full list of partners
Impact?	Targeted analysis of the sector, extensive resource development and set-up of on-going activity in the sector
Outcomes?	A comprehensive insight into the actual provision and perceived provision and efficacy of entrepreneurial education and support tailored for the arts and humanities along with substantial new resources to address the theme
What resources were needed?	EU funding under the Erasmus+ programme and the commitment and time from many partner organisations and students
External links to project, HEI and external organisation	https://www.artshumanitieshub.eu/

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Alumni Support / Networking: Networking

	Example
One sentence summary of approximately 20 words or less	**BlaBlaBreakfast** **Industry @UPTEC** **Cheers@UPTEC**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	Events to bring together the start-up /industry community / introducing new start-ups Large organisations have been showing interest and a need to outsource their innovation processes, seeking in other structures a high degree of specialisation and innovation in the development of products and services. To meet this current trend, UPTEC continues to promote Industry@UPTEC, an initiative to bring large organisations closer to the innovation produced by UPTEC start-ups and by the Faculties and Interface Institutes of the U.Porto. The aim is thus for organisations to share their challenges, and for startups to present solutions
Name of HEI?	University of Porto
Name of external organisation – type of organisation?	UPTEC – Science & Technology Park of the University of Porto
Impact?	Networking

Alumni Support /Networking: Bureau Services

	Example
One sentence summary of approximately 20 words or less	**UPTEC – Science and Technology Park of the University of Porto**
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	UPTEC supports the creation and development of business projects in the arts, sciences and technologies, through sharing knowledge between the University and the market. Equipment and rooms made available as well as product development lab & specialised equipment At UPTEC we believe that success is about sharing. We ask everyone to …receive visitors at UPEC's request …share your success stories and relevant contacts with UPTEC. This way the entire community can benefit together. …participate in academic studies by UPTEC - help us to become better in what we are doing …share tips & tricks within the UPTEC community
Name of HEI?	University of Porto
Name of external organisation – type of organisation?	UPTEC – Science & Technology Park of the University of Porto
Impact?	Since the beginning of its activity, in 2007, UPTEC has supported the development of more than 630 business projects in areas as diverse as nanosciences, nanotechnologies, new materials and production, energy, health, food, biotechnology, information technology and communication, digital media, design, architecture, interactive marketing, content production.on emergent topics in the field of design.
What resources were needed?	Motivated and efficient team, facilities, funding,
External links to project, HEI and external organisation	https://uptec.up.pt

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Alumni Support and Networking, Mentoring: IT Carlow

	Example
One sentence summary of approximately 20 words or less	Developing a Mentoring Mind-set for Arts & Humanities Graduates with Innovators and Entrepreneurs in the current Business Climate
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	At Institute of Technology Carlow, Design postgraduate research students are exploring the role of design in entrepreneurship development from an education and application perspective. The Covid-19 restrictions have opened an opportunity for the students to run an entrepreneurship awareness program online with another 10 design students, with a specific focus on how their design skills can contribute within entrepreneurial environments. Student, Angela Sanina, initially expressed an interest in using "Art & Entrepreneurship" as a research topic, which she could explore in her final year of undergraduate studies. Mentoring from practitioners assisted Angela in challenging her interests during June to September 2020.
Name of HEI?	Institute of Technology Carlow
Name of external organisation – type of organisation?	
Impact?	The process provided a 'living' exposure to a range of potential opportunities where students could convert their creativity into a career pathway.
Outcomes?	Arts & Humanities students are supported through a facilitated mentoring process while also interacting with a range of enterprises, allowing them to experience an entrepreneurial culture.
What resources were needed?	This research as part of the AHEH National Pilot in Ireland and is being further coordinated by IT Carlow staff with a view to focusing their findings on defining and establishing opportunities for creative students to help develop career options within circular systems and associated economic activities.
External links to project, HEI and external organisation	www.itcarlow.ie

Entrepreneurship Hub

Hubs are places where multiple resources of information and training can be accessed. They can be real-world physical spaces or virtual web-based spaces.

Entrepreneurship Hubs provide one-stop access points to information, knowledge and support that is specifically targeted at encouraging and nurturing new business development. Hubs offer access to resources including training in skills critical to business development such as marketing, finance and regulations, but that may be missing from your existing skill set.

Start-Up Space

Physical working spaces for new or emergent businesses, often with added benefits such as facilities and equipment.

Sharing some characteristics with incubator spaces, start-up spaces provide dedicated work space and facilities to new businesses. These are sometimes targeted at new graduates of HEIs and can offer a transition route between studying and work with specialist facilities and processes. Start-up spaces bring benefits of communality and there is an in-built opportunity and mechanism for collaborative working and networking which can significantly help new businesses.

Research Centres

Centres of excellence in specialist research fields where knowledge and facilities are co-located to provide high-level research environments.

HEIs set up centres in areas of focused research and these attract investment and the expert staff with in-depth knowledge. Research Centres are often a focus point for their subject area and the stakeholders within it and will be important regionally, nationally or internationally. There is a strong focus on high quality research outputs and innovation. Engagement with Research Centres brings benefits of access to deep and detailed knowledge as well as access to cutting-edge new developments in the research area.

Strategic Commercial Tenants

Partnering with selected or specialised commercial firms to augment the research and teaching activity by offering tenancies.

HEIs can offer tenancies for an organisation on a commercial basis where there is a potential mutual benefit. If a commercial organisation works in a particular sector where the HEI also has a research interest, it can be advantageous for both to co-locate. This can generate benefits for both in attracting personnel and investment and can also act as a catalyst and economic stimulus for the local area. Commercial partners are able to develop and exploit business ideas more readily than HEIs who are often more adept at research focused activities.

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Incubator Space

Work spaces specifically designed to support the needs of start-up businesses at their earliest stage.

Incubator spaces are specially designed to the very specific needs of new businesses. They offer dedicated space for newly founded businesses or for people with an idea for a business. They differ from other types of working or co-working spaces in that they typically will offer more intensive support which can include learning, coaching and mentoring to develop a holistic set of business skills. However they exact nature of incubator spaces will vary and sometimes there is a cross-over with start-up and co-working spaces.

Co-location Enterprises

Where several businesses locate in close proximity for mutual benefit.

Co-location of enterprises refers to grouping of businesses so that there is mutual benefit. This can be grouping of like-minded business or business that operate in similar fields, for example computer software design. Or it can be where different enterprises can offer complimentary products or services so that all benefit from the close proximity. HEIs can offer business campuses where enterprises are 'curated' to generate and enhance the benefits of co-location.

Space, Entrepreneurship hubs: AHEH

	Example
One sentence summary of approximately 20 words or less	The AHEH project brings together 14 partners from across 7 EU member states to improve the entrepreneurial capacity of A&H students with an innovative programme of entrepreneurial training
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	The AHEH project brings together 14 partners from across 7 EU member states to improve the entrepreneurial capacity of A&H students with an innovative programme of entrepreneurial training. There are three aims: 1.To develop a tailored Arts and Humanities entrepreneurship model that improves the long-term entrepreneurial prospects for A&H students. 2.To create 7 new A&H Entrepreneurship Hubs situated in partner faculties. These will be the specialist conduits for permanently improving the entrepreneurial skill-sets of A&H staff and students as well as a template for wider exploitation. 3.To have Higher Education Institutions, creative industries, businesses and stakeholders working together to champion the value of A&H students to a wider audience and ensure that industry need is reflected in the training programmes.
Name of HEI?	Please see https://www.artshumanitieshub.eu/ for a full list of partners
Name of external organisation – type of organisation?	Please see https://www.artshumanitieshub.eu/ for a full list of partners
Impact?	Targeted analysis of the sector, extensive resource development and set-up of on-going activity in the sector
Outcomes?	A comprehensive insight into the actual provision and perceived provision and efficacy of entrepreneurial education and support tailored for the arts and humanities along with substantial new resources to address the theme
What resources were needed?	EU funding under the Erasmus+ programme and the commitment and time from many partner organisations and students
External links to project, HEI and external organisation	https://www.artshumanitieshub.eu/

Space, Entrepreneurship Hubs: BASI Hub

	Example
One sentence summary of approximately 20 words or less	The BASI hub supports the exploitation of ideas and projects to change our society with arts and humanities
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	LCU and Impact Hub Rome have designed a set of services for young innovators and early graduate in the humanities and arts sectors. The main target is to let ideas grow into a business acceleration space, where entrepreneurs, creatives and professionals can work in an open environment, develop innovative ideas, be inspired by the work of others and create useful relationships to develop new market opportunities. Social Impact is the main scope of the business and the ideas that will be supported into the hub. The services are mainly related to: a) training / mentoring; b) spaces and equipment sharing; c) procedures for joint development with technology providers; d) inclusion on business opportunities and funding schemes.
Name of HEI?	BASI – Business for Arts, Humanities and Social Innovation
Name of external organisation – type of organisation?	Impact Hub Roma – Social innovation Co-working and community space
Impact?	planned in the first 12-18 months: ■ Engagement of 50 young entrepreneurs, with training programmes ■ Elicit of 3-5 possible business ideas with mentoring ■ Submission (pitching) of defined business of 1-3 ideas, for private or public funding
Outcomes?	■ Enlargement and consolidation of business and skills ■ Engagement of arts and tourism sectors stakeholders in Italy ■ Sustainability of the BASI scheme in the medium term
What resources were needed?	No specific resources, the Impact Hub in Rome is an existing structure with its clear governance. The BASI initiative needs additional content, and intangible resources
External links to project, HEI and external organisation	https://rome.impacthub.net/

Case Study 1

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Space, Incubator Space: Future Studio

	Example
One sentence summary of approximately 20 words or less	Delivering a contemporary creative communal workspace dedicated to developing a community of Arts & Humanities entrepreneurs.
One paragraph summary of around 100 words or less **Who?** **Aims?** **Desired outcome?**	FUTURE studio at the Institute of Technology Carlow is a space and culture that fosters innovation and entrepreneurial discovery that attracts likeminded individuals and organisations. The Future Studio is built on a design culture, which is Human and Environment-centric, Future Orientated, Data Driven, Holistic, Highly Visual, Co-Creative and Integrative. FUTURE studio is a collaborative space where industry, academia and other interested stakeholders collaborate on solving fundamental problems. The solutions explored focus on key issues as outlined by the UN Sustainability goals. The FUTURE studio aims to: • Stimulate the development of SME outreaches from the Arts & Humanities third-level sector; • Stimulate start-ups from the creative industries.
Name of HEI?	Institute of Technology Carlow
Name of external organisation – type of organisation?	
Impact?	Scale existing projects that lead to significant step change which positively impacts job creation.
Outcomes?	Integrate the Arts & Humanities into the existing entrepreneurial ecosystem. Stimulate the emergence of collaborative and innovative projects with regional stakeholders. Support the development of digitalisation and e-working in the Region as a cornerstone of incentives to relocate work activities in less advantaged regional areas utilising the skill-sets from the creative arts.
What resources were needed?	Investment of €100,000, Entrepreneurial development structure and programmes.
External links to project, HEI and external organisation	www.itcarlow.ie https://www.artshumanitieshub.eu/hubs/institute-of-technology-carlow/