

EUA STATEMENT

The future of innovation ecosystems: recommendations from the European Smart Specialisation Workshop

December 2018

The next six months will be an important period for policy makers, the university sector and many other stakeholders engaged in Research and Innovation Smart Specialisation Strategies (RIS3). With the ongoing preparations for the EU's 2021-2027 Multiannual Financial Framework, the [European Workshop on Smart Specialisation](#), entitled "Universities as Regional Lead Institutions", held under the auspices of the Austrian Presidency of the EU Council, provided an opportunity to take stock of past achievements and identify emerging priorities for building successful European innovation ecosystems in the post-2020 period.

In this document, EUA presents the main messages and recommendations on the role of universities in this context and the need for them to contribute to innovation, building on the [key factors](#) identified by EUA for successful Smart Specialisation Strategies. The present messages and recommendations are complementary to the [conclusions](#) of the 9th Week of Innovative Regions in Europe (WIRE), which were endorsed by the audience of the workshop.

HUMAN TALENT AS CATALYST OF INNOVATION ECOSYSTEMS

As human talent is the cornerstone of innovation, an enhanced focus on education and training to develop talented people is needed. Skills such as entrepreneurship, technology and social awareness, identification of business opportunities, idea generation, risk taking and networking are indispensable to ensure the capacity for cities, regions and countries to innovate in the long term.

Universities have an essential role in developing, attracting and retaining human talent in their innovation ecosystems. They not only provide curricula in multiple areas, but also develop soft skills and stimulate the entrepreneurial mindset of their students and staff. The provision of skills for innovation, in addition to technological undertakings, should be one of the main areas of support of the European Structural and Investment Funds.

STRONG LINKS BETWEEN EDUCATION, RESEARCH AND INNOVATION AS A KEY FOR REGIONAL DEVELOPMENT

Investing in reinforcing the links between education, research and innovation is essential for societal and economic development. The connection should be reflected in all funding programmes and policies aimed at boosting competitiveness and inclusive growth. Importantly, the definition of innovation must be expanded beyond a simplistic linear model. It should also be broadly understood by stakeholders as beneficial for society and include all fields of knowledge, for example not only natural sciences but also social sciences and humanities.

UNIVERSITIES AS INNOVATION LEAD INSTITUTIONS

Many initiatives showcased at the [EUA annual workshops on Smart Specialisation](#) provide evidence that universities can be effective network builders and strategic partners that play a crucial role in innovation ecosystems. They can contribute to regional development in many ways, such as through educating the next generation of citizens, performing research and innovation activities, as well as through fulfilling their "third mission". As a result, they significantly contribute to raising public awareness on the added-value of research and innovation investments. Therefore, regions, in the broadest

sense of the word (from local communities to national territories), should fully capitalise on assets that universities offer for the benefit of their innovation ecosystems.

SMART SPECIALISATION AS A LONG-TERM PROCESS

Trust between all partners of the innovation process is key to maximising the impact and efficiency of innovation ecosystems. However, it is important to highlight that it takes time to develop trust among stakeholders for well-functioning innovation ecosystems. Smart Specialisation requires strong partnerships, a long-term vision and sustained coherent objectives and policies. Therefore, open and inclusive systems with the participation of all regional stakeholders, including universities, are necessary to guarantee its success. The sustainability of innovation ecosystems can only be ensured if the process is sufficiently independent of public funding cycles and has continued support of the local communities.

Based on the messages that emerged from the 2018 European Workshop on Smart Specialisation, EUA offers several recommendations for policy makers and universities to support them in building successful European innovation ecosystems in the post-2020 period.

Recommendations for European, national and regional policy makers

- Support the development of human talent and invest in stronger links between education, research and innovation.
- Introduce measures to increase long-term partnerships among regional stakeholders, in particular between universities, businesses, public authorities and civil society.
- Provide platforms for continued dialogue among regional stakeholders, including universities and citizens, to ensure well-functioning innovation ecosystems, beyond funding cycles.
- Effectively combine top-down and bottom-up approaches to ensure enduring innovation at the regional level.
- Provide sustainable funding for Smart Specialisation strategies and other research and innovation initiatives at regional, national and European levels.

Recommendations for universities

- Continue developing entrepreneurship as a key transversal competence in students and staff.
- Engage with regional stakeholders, including public authorities, businesses and civil society to seize new opportunities.
- Provide incentives to diversify university research and education career models beyond scientific publication merits so that universities can better fulfil their "third-mission".
- Continue activities aimed at increasing public engagement and promote open innovation to enhance universities' impact on innovation ecosystems.
- Recognise the importance of communicating the role of universities as regional lead institutions in developing internationally competitive knowledge regions.

This position has been developed by the European University Association (EUA), in close collaboration with its [Expert Group](#) on Research and Innovation Strategies for Smart Specialisation. The [European Workshop on Smart Specialisation](#) took place on 13 November 2018 and it was jointly organised by Universities Austria (UNIKO), the Conference of Italian University Rectors (CRUI) and EUA. It took place at the University of Graz in Austria, under the auspices of the Austrian Presidency of the Council of the EU. The event was the fourth in a series of annual workshops on Smart Specialisation jointly organised by national rectors' conferences and EUA.

WIRE 2018 Conclusions

Starting Austria's Council presidency in the field of research and innovation

Highlighting connectivity, entrepreneurship and the role of science and research as powerful elements for the development of regional ecosystems for innovation

Exchanging first views on the European Commission's vision for regional innovation in the next generation of the European framework programme for research and innovation and the European Structural and Investment Funds

Discussing a forward-looking perspective on continuous efforts to base Europe's regional prosperity and competitiveness on knowledge and innovation, and on using the new opportunities of the digital economy to help regions across the Union, including rural and remote areas, seize their innovative potential as places to live and work

Inspired by keynotes and balanced examples of good practice from across the European Union and therefore

Acknowledging

- The role of Lead Institutions of science and research in shaping the profile of their regional ecosystem of innovation, and in mobilising the knowledge triangle of skills, research and innovation with entrepreneurship
- Trust as the currency for regional innovation and co-operation, and that trust needs to be built in the sufficient funding of excellent research as a key to attract international talents to knowledge locations across the Union
- Entrepreneurship as the driving force for innovation and for opening new markets for innovation
- The need to better include and connect citizens to knowledge and innovation created in Europe
- The need to use traditional as well as digital infrastructure to connect Europe's regions and also rural and remote areas to international knowledge, technologies and markets
- The need to demonstrate the capacity of research to change citizens' lives for the better and to enhance the quality of politics at all levels
- The need for regions to further develop their profiles in a broader neighbourhood and international context
- The need to create access to excellent research results across the Union, to widen the participation in the framework programme and the use of the Structural Funds for regional development based on knowledge and innovation
- The need for a view of Europe as a unique place to innovate, created by particular ecosystems of innovation

The 9th WIRE calls on entrepreneurial people working in science, business and regional development to

- *Use their specific competence to develop and enhance the international profile of their regional ecosystem of innovation*
- *Engage with regional partners as game-changers, enablers and innovators to seize new opportunities also in rural areas, and to*
- *Develop their region's smart specialisations using complementary strengths of other regions*
- *Create European partnerships and use European instruments to connect regional ecosystems of innovation to face global competitiveness*
- *Strategically reconnect with successful compatriots abroad to infuse regional ecosystems with global mentorship*
- *Come forward with concrete feedback and proposals for joint synergies and simplification in Horizon Europe and the next generation of Structural Funds*

And on public policies at European Union, member states, regional and local level to

- *Create a credible narrative of the European Union as a distinctive place to innovate, driven by an entrepreneurial knowledge-based society, research excellence, high social standards, and well-connected regions with a strong profile*
- *Prioritise knowledge and innovation as drivers for regional development and all other sectoral policies*
- *Co-invest and secure sufficient public funding for frontier research and research institutions*
- *Foster entrepreneurial thinking and skills at all ages through education, training and mentoring initiatives, not only in the business sector*
- *Invest in digital and other infrastructures to seize new living and working opportunities in all regions, and also in rural areas*
- *Reiterate the role of research and innovation strategies for smart specialisation and diversification across the Union, and help to promote regional knowledge and innovation profiles internationally*
- *Jointly evaluate the research and innovation impact of Horizon 2020 and the European Structural and Investment Funds*
- *Jointly align and simplify the use of funding instruments for research and innovation to allow for their synergetic use, across instruments, sectors and policy levels*
- *Examine the exemption from state aid regulation for Structural Funds investments in research and innovation according to the Horizon Europe model*
- *Invest a high share of the next Structural Funds in research and innovation, take over projects awarded the Seal of Excellence for funding and use the option to deposit 5% of the ERDF programme budget in a ,national envelope' for research funding under direct management.*

www.wire2018.eu

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