



Title of the project: Practice based research to enhance the innovation capacity of SMEs through learning and ICT supported collaboration

Key Action: Cooperation for innovation and the exchange of good practices

Action: Strategic Partnerships

Field most impacted: Strategic Partnerships for vocational education and training

Main objective of the project: Development of Innovation

Newsletter No 1 / 2018

ReInnovate a key element for innovation, training and formation

ReInnovate project focus on innovation and entrepreneurship

Innovation and entrepreneurship are complementary. Both are required for an organisation to succeed with innovation forming one of the key elements of entrepreneurship.

Innovation involves the creation and exploitation of new and existing knowledge. Research involves the creation of knowledge in a systematic manner.

Research is required for innovation and innovation is needed to generate ideas for entrepreneurship. For the purposes of this project research skills will be used as a medium to allow employees in companies to create the knowledge required for innovation to take place in their organisation.

Research skills will be further used to explore business models to add value to such innovations enhancing the entrepreneurial capacity of SMEs.

The project will focus on two key priorities

Objective 1: Achievement of relevant and high quality skills and competences:

The Bruge communique identified a number of challenges for VET. One of which was empowering people to "acquire knowledge skills and competencies that are not pure occupational".

Research skills empower the employee to identify and gather the most appropriate material to their learning needs, as a result it encourages a 'learning to learn approach'. The approach will allow employees to learn the skills to gather data in a systematic manner to fill knowledge gaps in their organisation. These skills can be applied to a wide variety of contexts, disciplines and professions.

Entrepreneurship was identified as a key transversal skill in several EU policy documents, in particular the A New Skills Agenda for Europe, the Bruge communique, and the Entrepreneurship 2020 Action Plan. In addition the UEAPME position paper on the skills agenda highlighted that entrepreneurial mind-sets need to become a high priority (http://www.ueapme.com/IMG/pdf/UEAPME_position_on_A_New_Skills_Agenda_for_Europe_.pdf). Research skills foster entrepreneurial mindset, they encourage inquiry based learning (Craig and Bielenberg, 2014) by promoting the exploration of new opportunities (ideas and opportunities), examining new ways of doing business, identify, implementing these using existing resources (into action), exploring how to use technology to deliver products/services (resources). These competencies align to the ENTRECOMP framework.

The Reinnovate program will address the competencies identified in the New Skills agenda, the Bruge Communique and the ENTRECOMP framework by developing a program to develop research skills which foster an entrepreneurial mindset in employees in SMEs. In addition it will promote the use of research skills as a key competence to support entrepreneurship education in C-VET education.

The project will also support the implementation of objective 2: Developing VET business partnerships aimed at promoting work-based learning in all its forms. The Bruge communique and Riga conclusions (2015) see work based learning as a key method for learners to reach their potential. Reinnovate is a workbased learning program, it will be targeted at employees in SMEs. The learning material will be delivered in the SME and will be accredited based on a portfolio of work done in the SME.

For individuals, it will provide a flexible learning path in which the learner can avail of an overall program (minor award of a higher cert in practice based research) or take individual modules (which they can use to receive exemptions if they wish to take an overall award program). They will be able to access learning material online, they will be supported by a mentor who they will be able to access via an ICT platform, email or telephone. The program Reinnovate will develop will require the learner to complete projects to allow them to be accredited. All projects as part of the accredited program will be concerned with an SME completing a stage of a research project in their companies and presenting this as part of a portfolio of work.

One of the traits of work based learning is that it should be non-discipline specific, the program being developed in Reinnovate can be applied to several disciplines. It involves experiential learning in which the employee learns through acquiring and constructing their own knowledge through work experience. A transferability model will be developed to allow the program to be delivered to a wide variety of industry sectors and VET programs access via an ICT platform, email or telephone.

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Calls/ Bioeconomy capital

The Horizon 2020 Work Programme for 2018-2020 has been published

The library of legal documents, guidance notes, and additional reference material includes all the H2020 & FP7 reference documents starting with legal documents and the Commission work programmes for research and innovation up to model grant agreements and guides for specific actions and horizontal issues. The documents are grouped by categories. It also includes reference documents of other EU programmes, as 3rd Health, Consumer, COSME and Research Fund for Coal and Steel programmes.

- [Nanotechnologies, advanced materials, advanced manufacturing and processing, biotechnology 2018-20](#)
- [Food security, sustainable agriculture and forestry and the bioeconomy 2018-20](#)

More... [Reference docs-H2020-work-programmes-2018-20](#)

RUR-09-2018: Realising the potential of regional and local bio-based economies. Deadline: 13 February 2018

Proposals shall foster cooperation and networking between relevant actors at all levels, so that regional bio-based economies can take off, promote open innovation approaches and ensure adequate knowledge exchange.

More... <https://ec.europa.eu/research/participants/portal/desktop/>

H2020. Coordinated approaches to funding of R&D&I for Circular Economy, Deadline 27 February 2018

Call budget: EUR 2 million, Type of action: CSA Coordination and Support Action. The action should establish a joint platform which will formulate, based on a thorough understanding of the state-of-the-art, the research and innovation needs and priorities for circular economy development in the EU. The action should produce a Strategic Research and Innovation Agenda, summarizing recommendations for research priorities and coordinated programming and funding mechanisms as well as disseminate best practices and promote multinational research and innovation actions within national and regional programmes.

More... <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-sc5-05-2018.html>

H2020. Skills needed for new manufacturing jobs (CSA). Deadline: 22 February 2018

Call budget: EUR 2 million, Type of action: CSA Coordination & Support Action. This topic will support the implementation of the Blueprint beyond Additive Manufacturing within several areas from the Factories of the Future priorities.

More... <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/dt-fof-01-2018.html>

Selection for your Agenda

- [Research-fast-track-to-innovation](#). Deadline: 25/01/2018
- [3rd-call-NTERRREG Central Europe](#). Deadline: 25/01/2018
- [Sustainable Blue Economy call for proposals](#). Deadline: 28/02/2018
- [Eurostars-2 programme: Call for Applications](#). Deadline: 01/03/2018
- [H2020-Cities-as-a-platform-for-citizen-driven-innovation](#). Deadline: 13/03.2018
- [H2020-Innovative-solutions-for-inclusive-and-sustainable-urban-environments](#). Deadline: 13/03.2018
- [H2020/topics/infraeosc-Access-to-commercial-services-through-the-EOSC-hub](#). Deadline: 22/03/2018
- [3rd EURKEA Danube Region Call for Proposals for Joint R&D Projects](#). Deadline: 28/03/2018
- [EU-aims-let-innovators-loose-bioeconomy](#)
- [H2020-Twinning](#) Deadline: 15/11/2018
- [H2020-open-calls-for-proposals-2018](#)
- [13th European Annual Symposium EU Funds 2018](#). 19-21 March 2018, Berlin, Germany

Events in the field of bioeconomy, technology transfer, innovation and business finding partners



EU-Serbia B2B: AgroFood, Digital, Industry 4.0 and Business Services, 31 January 2018

The aim of the event is to help EU companies and companies from the SEE region, in particular small and medium-sized enterprises (SMEs), to operate internationally by exploiting business opportunities in Serbia. Topics of the conference are: investment, growth and job creation.

During the Conference the B2B meeting will be held in the framework of the Enterprise Europe Network.

More... <http://eu-serbia.talkb2b.net/>

26th European Biomass Conference and Exhibition, 14-18 May 2018, Copenhagen, Denmark

As a world leader / fore-runner within the bioenergy and renewable energy sectors, Denmark represents the ideal setting to host the EUBCE 2018 Conference and Exhibition. Renewable energy constitutes 23% of the Danish energy production and 28.6% of the Danish energy consumption, according to the Energy Agency's Energy Statistics 2015.

Bioenergy is by far the largest contributor of renewable energy, with 60% of the production and 69% of the consumption. The large share of bioenergy is mainly caused of conversion of CHP plants from formerly coal to now biomass,

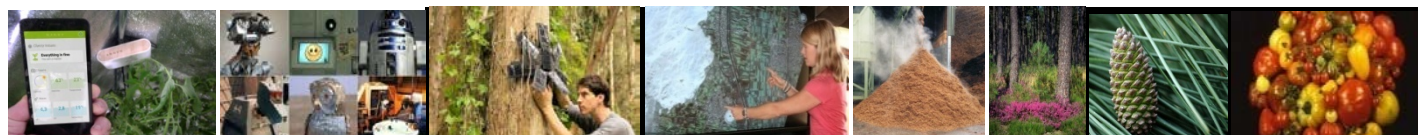
particularly imported wood pellets. Biomass is one of Denmark's main renewable energy sources for generating power and heat by combustion and gasification.

[More... Bioenergy-is-the-largest-contributor-of-renewable-energy-in-Denmark](#)

Selection for your Agenda

- 24-26 January, [European Creative Hubs Campus](#), Brussels, Belgium
- 24- 26 January, [Workshop/Macro-regional-innovation-week](#), Ispra, Italy
- 25-26 January, [IBIOLC's Annual Conference](#), Glasgow, Scotland
- 6-7 February, [Pitch+and+Innovation+Tour-on-Bioeconomy](#); [CommBeBiz meeting](#), Budapest, Hungary
- 13 February, [White Biotech "HEY, START ME UP!" Workshop](#), Toulouse, France
- 15-16 February, [Energy for smart mobility](#), Brokerage Event, Marseille, France
- 22 February, [Study-visit-to-the EPO-Munich](#) , [More information](#); [Registration](#), Munich, Germany
- 28 February–1 March, [Inward Trade Mission in the Agrofood sector to La Rioja](#), Company Mission, Logroño, Spain
- 15-16 March, [Successful R&I in Europe - 9th European Networking Event](#), Düsseldorf, Germany
- 15-16 March, [Life-sciences-B2B-mission-in-Paca-France](#), Marseille-Nice, France
- 4 April, [Business opportunities in construction, energetics, & green tech](#), Brokerage, Gornja Radgona, Slovenia
- 12 April, [6th Biopesticide matchmaking event](#), Brokerage Event, London, UK

Technology Offers; Technology Request



Technology Offers

Biotechnical tool-box characterizes effects of bioactive substances on crop plants	Germany
Legally binding counterfeit protection with micro colourcodes against product piracy	Germany
Smart polyurethane pressure-sensitive adhesive with controlled tack	Spain
Biomass detection system in aquaculture based on optical sensors and neural networks	Spain
Risk management of the effects of solar activity: device and procedure of obtaining in real	Spain
An economical and ecological way of turning refinery wastes into bitumen and fuel ...	Ukraine
A Dutch recycling company is looking for technologies to remove small stainless steel.....	Netherlands
Controlled aggregation of microbial cells	Slovenia
French SME is sourcing milk and whey powders to manufacture foods for young animals	France
Russian producer of feed waste processing product is looking for distributors	Russia

Technology Request

Development of novel surfaces to optimise haptic properties of products in various sectors	Austria
Construction of a sustainable, energy self-sufficient office building. Partners sought for....	Germany
German SME is looking for an adhesive manufacturer or developer	Germany
Downdraft table suitable for standard and ATEX (ATMosphères EXplosibles) filter.....	Spain
Herbal tea manufacturer is looking for a technology that allows oxidation ("fermentation")	Lithuania
Geopolymers as alternative materials for outdoor block paving	Italy
Greek SME active in the field of agro supplies is looking to develop beneficial...	Greece
A French SME selling home fragrances and cosmetic products is looking for formulation	France
Manufacturing partners are sought for encapsulated cannabidiol enriched olive oil	Italy
Leading Dutch mail and logistics service provider is looking for ideas, methods and...	Netherlands

Research, Innovation and Entrepreneurship

Selection for your Agenda

- Financial Management of Horizon 2020 Projects. 17-19 January, Milan, Italy, [Enroll](#), 7-9 February, Amsterdam, Netherlands, [Enrol](#) , 7-9 March, Barcelona, Spain, [Enrol](#) , 18-20 April, Frankfurt, Germany, [Enrol](#)
- Practical Seminar: Research Evaluation & Assessing Quality, 19-20 March, Berlin, [brochure](#); [online booking form](#).
- [BBI-Europe-OpenDays-bio-economy](#)
- [REG- Developing next-generation biofuels - investing in technology](#)
- [Make-european-innovation-council-one-stop-shop-innovation-funding-says-advisory-group](#)
- [Learning-event-EPO-Guidelines2day](#), 13 March 2018, The Hague, Netherlands
- [Training event for patent searchers: Search Matters 2018](#), 23-25 April 2018, The Hague, Netherlands
- [EIC-High-Level-Group-of-Innovators-Recommendations](#)
- [The-Social-Innovation-Community-Repository](#)
- [Social Innovation Community](#)
- [World Journal of Biology and Biotechnology](#)

ReInnovate web site: <http://www.reinnovate2017.eu/>