



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 3 / 2018

ReInnovate a key element for innovation, training and formation

Learning methodology development, curriculum and accreditation

This intellectual output will produce a learning methodology and accredited curriculum to develop research skills in employees in SMEs

Objectives:

1. Review and best practices for the teaching and development of research skills in companies
2. Review the learning needs of SMEs (Archimedes outputs)
3. Provide a robust learning methodology for the delivery of research skills
4. Transfer this methodology to VET programs through reporting on best practice
5. Develop an accredited curriculum for the development of practice based research skills in SMEs

To ensure the learning methodology and curriculum aligns with best practice the intellectual will build on the work conducted by Archimedes which examined the learning needs of SMEs in Europe. It will explore methods for teaching research skills and how these can be made more relevant to the business and learning needs of SMEs. A report will be developed to outline 'Pedagogical approaches for developing practical research skills'

From this a curriculum for the delivery of EQF level 5 minor award of higher certificate in practice based research will be developed this will be accredited by University of Limerick and IAT, Germany, CCSEV Spain

The curriculum will focus on using research skills to:

1. Identify business opportunities and explore how to create value for the customer and business (reflective research)- Module 1 6ECTS
2. Research methods to develop ideas for new products/processes/services (assisting learners to identify what data is required and methods to gather that data) Module 2 6ECTS
3. Experimenting with and developing business models (including digital business models). This is a new area; however business model innovation is one of the key differentiators for successful businesses. This needs to be explored as part of the project in terms of how research can be used to enable an SME to innovate its business model, Reinnovate will build on the work conducted by the IETM project https://www.ietm.org/system/files/publications/ietm_business-models_rodriguez_ietm2016.pdf and <http://sloanreview.mit.edu/article/the-hard-truth-about-business-model-innovation/>. Such research will be used to identify how successful business models are created, what data is required and how research methods can enable employees in SMES to fill these gaps to look for new ways of doing business Module 3 6ECTS
4. Reflective practice: Evaluating success Module 4 6ECTS

The modules can be taken by employees in SMES individually or as one program and learners can receive exemptions from similar subjects in UL and IAT for learners who want to pursue further award programs.

- 1: Workpackage methodology (work-package leaders P1 and P5) - this will detail the work to be conducted by each partner, the quality metrics for the work-package and the approach undertaken to successfully develop IO1
- 2: A Literature review (work-package leader P1) will be conducted on the various approaches to teaching research skills, how research skills are/can be used for identifying opportunities, value for the customer and company, developing new products/processes and services, developing new business models and evaluating success.
- 3: A Learning methodology (work-package leader P5) will be developed that will outline a pedagogical approach for teaching research skills based on the literature review, the learning needs identified by SMEs in Archimedes and the business needs outlined in the needs analysis
- 4: Review of learning methodology (all partners and SME working group) will be conducted by all partners and the SME working group to ensure it complies with the requirements of all stakeholders
- 5: Report on 'Pedagogical approaches for developing practical research skills' (work package leader P1) will be developed to inform educators on teaching methods for research skills.
- 6: Curriculum development (work package leaders P1 and P2) a curriculum and accreditation documentation will be developed to allow the modules and program to be accredited in three partner countries.
- 7: Review of curriculum (all partners and SME working group) will be conducted by all partners and the SME working group to ensure it complies with the requirements of all stakeholders
- 8: Accreditation of curriculum (work package leaders P1 and P5) the curriculum will be accredited by three higher VETs UL, IAT, CCSEV

Training on Innovation Management and Technology Transfer- Synergies with others projects

Innovation Management Training, 28 May 2018, Vinkovci, Croatia



A training course "Innovation Management" was held at the premises of the Vukovar-Srijem County Development Agency, Croatia. The Innovation Management training was held under the Transnational Cooperation Project to Transform Knowledge into Sustainable Products and Services for the Sustainable Danube Society of the Future - Made in Danube. The training brought together around 20 representatives of small and medium-sized enterprises with the aim to improve the framework conditions for innovation by supporting the collaboration process between companies and RTO in the innovation driven field of bioeconomy. Participants obtained information about innovation

management processes and how to identify key areas and concrete steps to optimize the business results.

The participants had the possibility of sharing best practices and experiences related to this area and were encouraged to bring in and introduce their own case to the training, thus benefit from collective discussion.

Also, ECO KARST project from the INTERREG Danube Transnational Programme, (2nd call), was presented by project partner Slovenia Forest Service. ECO KARST aims to contribute to the protection and sustainable development of karst bio-regions in the Danube region based on their valued Ecosystem services, finding a synergy between projects in bio economy and bio diversity in the Danube region.

[More...http://www.ra-vs-z.hr/vijesti/projekt-made-in-danube-trening-upravljanje-inovacijama-3034/3034](http://www.ra-vs-z.hr/vijesti/projekt-made-in-danube-trening-upravljanje-inovacijama-3034/3034)



Technology Transfer Training event, 29 May, Koliňany, Slovakia

The aim of the training was to improve the framework conditions for innovation by supporting the collaboration process between companies and RTO in the innovation-driven field of bio economy.



The training was prepared and conducted to appeal to university scientists, farm representatives or other agricultural entities and to representatives of companies in which the product portfolio is located for farmers (e.g. agricultural machinery manufacturers). The training has improved the awareness of participants on TT phenomenon, concretely on its main trends, challenges and the channels of the technology transfer processes in order to manage the technology process successfully in the future and to bridge the gap between R&D, innovation and business creation.

They have got information about effective and efficient methods, as well as practical tips. Participants were involved in simulated real situation associated with the TT and scientists approached the position and view of the company or the direct user of their research results.

[More...http://www.interreg-danube.eu/news-and-events/project-news/2102](http://www.interreg-danube.eu/news-and-events/project-news/2102)

Innovation Management Training, 5 June 2018, University of Maribor, Slovenia

After the training, participants were able to overview and tackle the challenges of innovation management processes, identify key areas for future improvement and define concrete actions to maximise operational results.

During the training the participants had the possibility of sharing the best practices and experiences related in this area and were welcome to bring and introduce their own case to the training Workshops and practical activities were organized. During the training tools to measure and improve innovation management performance were introduced and discussed with the participants.

Prior to this workshop training materials in form of a handbook related to the topic were developed and handed over. They do not only support intramural learning but also online or e-learning as well

[More...http://www.interreg-danube.eu/news-and-events/project-news/2220](http://www.interreg-danube.eu/news-and-events/project-news/2220)



InnoHPC - High-performance Computing for Effective Innovation in the Danube Region

High performance computing (HPC) is an emerging general-purpose technology. It can improve framework conditions for innovations by drastically increasing effectiveness of innovations and reducing product development time.

The main objective of InnoHPC is to create transnational HPC laboratory for co-designing knowledge-intensive innovative products with high value-added in transnational value-chains. Key outputs are transnational InnoHPC Lab pooling regional HPC infrastructure and competencies, web platform providing HPC access, integrated services and capacity building tools, and sustainability toolkit, to support durability of InnoHPC Lab beyond the project.

[More... http://www.interreg-danube.eu/approved-projects/innohpc](http://www.interreg-danube.eu/approved-projects/innohpc)

Calls/

EIB initiative to mobilise €1B investment in agriculture and bioeconomy

The European Investment Bank this week launched a new financing initiative that aims to unlock close to €1 billion of investment in the agriculture and bioeconomy sector. The operation will be guaranteed by the EU budget under the European Fund for Strategic Investments.

[More... Read more](#)

INFRAINNOV-2019: Stimulate the innovation potential of SMEs. Deadline: January 29, 2019

Proposals are expected to propose an outreach approach for identifying and attracting SMEs whose innovation potential could be increased as users of advanced HPC services, and a mechanism involving financial support to third parties which will adequately stimulate such innovation potential of SMEs participating in the action.

Selection for your Agenda

- [Call-for-experts-to-assess-Horizon-2020-proposals](#)
- [H2020/calls/EIT-KICS; Call Documents; Call on the Participant Portal; EIT Information Day](#). Deadline: 12 July 2018
- [Call-for-applications-on-BSR-bioeconomy-innovation-vouchers/](#) Deadline: 1 Sept. 2018
- [H2020-BBI-JTI-2018-Bio-based-industries-JU-call-proposals](#), Deadline: 6 September 2018
- [Call-applications-research-commercialization-bootcamp](#). Deadline: October 2018
- [Workshop-implementing-era-net-cofund](#), Berlin, 24-25 September 2018
- [H2020-DT-ICT-08-2019-Agricultural-digital-integration-platforms](#). Deadline: 14 November 2018
- [H2020-ERA-NET-Cofund](#), Deadline: 18 December 2018
- [EEA-Grants](#)
- [Eurostars-Eureka/apply-funding-Transnational-Network-R&D-projects-in-energy-fields](#). Deadline: 31 December 2020
- [Financing-circular-bioeconomy-structuring-investment-platform-improve-access-finance-europe](#)
- [Access-to-finance-conditions-for-financing-the-bioeconomy](#) ; [European-Data-Incubator](#)
- [Horizon2020/WP2018-2020/food-security-sustainable-agriculture-and-forestry-marine-maritime-and-inland-water](#)

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



Brokerage event during WindEnergyMatch, 27-28 September 2018, Hamburg, Germany

International brokerage event during WindEnergy Hamburg 2018 open for visitors and exhibitors, companies and institutions. Focus:

- manufacturers of wind turbines
- components / supplier
- new materials, composites,
- raw materials & supplies
- installation
- planning & project development
- operation & maintenance
- grid operation,
- energy storage

More... www.windenergymatch.de

B2B meetings during Biotech Cluster and SME Mission 2018, 09-12 October 2018, Tokyo, Japan

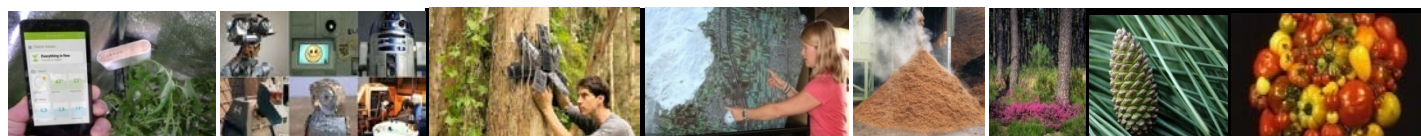
The Biotech Cluster/SME mission coincides with the "BioJapan" Expo in Yokohama. During the fair (3 days) participants will attend showcase sessions and B2B meetings and meet with Japanese visitors. In order to maximize participants' partnering opportunities, participants will be able to exhibit in the EU Delegation booth.

More... <http://www.eu-japan.eu/events/biotech-cluster-sme-mission> ; <http://www.ics-expo.jp/biojapan/en/>

Selection for your Agenda

- 28 August, [Matchmaking-event-at-Meet4business-Agra-2018](#), Gornja Radgona, Slovenia
- 18-20 September, [4th-Advanced-Biofuels-Conference](#), Gothenburg, Sweden
- 20-22 September, [Food-for-change-B2B-Salone-del-Gusto](#), Torino, Italy
- 24-30 September, [European Biotech Week](#)
- 25 September [Biotech Atelier](#), Sofia Tech Park Sofia, Bulgaria
- 25-27 September, [BioSpain](#), Seville, Spain
- 26-27 September, [Life Sciences Baltics](#), Vilnius, Lithuania
- 27-28 September, [IFIB 2018 International Forum on Industrial Biotechnology and Bioeconomy](#), Torino, Italy.
- 16-18 October, [EFIB 2018 European Forum for Industrial Biotech and the Bioeconomy](#), Toulouse, France
- 18-19 October, [7th-Annual-Forum-of-the-EU-Strategy-for-the-Danube-Region](#), Sofia, Bulgaria
- 24-25 October, [Renexpo-Bih-B2B-events-Trade-Fair-renewables-environment](#), Sarajevo, Bosnia & Herzegovina
- 24-26 October, [International Conference on Biotechnology and Bioengineering](#)
- 6-9 November, [ECOMONDO-the-Green-Technologies-Expo](#), Rimini, Italy
- 7-8 November, [European-biomass-to-power-Conference-and-two-exclusives-visits/](#), Stockholm, Sweden
- 8 November, [Recycling-technology-2018-and-brokerage-event/](#), Dortmund, Germany

Technology Offers; Technology Request



Technology Offers

Realtime IoT (Internet of Things) based sensing solutions for automated critical data....	Spain
Platform based on QR codes for dynamic content management.	Spain
High Resolution Epitope Fingerprinting	Germany
Innovative Solar Tracking Technology	Germany
High tech portable water purifier bottle	Spain
Lithuanian medical software manufacturer offers intelligent solution allowing a connection...	Lithuania

Lithuanian scientific research institute offers all-silica optical coatings for laser systems	Lithuania
A Romanian inventor of a novel device for the adjuvant treatment of glaucoma, diabetes....	Romania
Alternative to antibodies: design of aptamer-based tools used for rapid tests for diagnostic....	France
Innovative electrochromic glass for cost effective lighting control	Greece

Technology request

New business models for rural areas through co-living and co-working - partners with....	Germany
Greek SME active in the field of agro supplies is looking to develop beneficial ...	Greece
Dutch law enforcement organization is looking for a new information architecture that...	Netherlands
Transparent and resistant coating to protect digital printing on outdoor concrete paver...	Italy
A Czech company with the telemedicine product seeks SMEs within the field of the.....	Czechia
Spanish industrial large company is looking for technologies to clean up air pollution in....	Spain
Looking for testing method and/or equipment for measuring the temperature of a high.....	Greece
Lithuanian governmental organization working in environmental protection is looking for ...	Lithuania
Lithuanian governmental organization is looking for a solution on how to supervise trust...	Lithuania
A German utility company is looking for an IT or ICT company or start-up for the collection	Germany

Research, Innovation and Entrepreneurship

European Commission to propose €100B for research programme

The figure is an increase, which includes €97.6 billion for Horizon Europe and €2.4 billion for the Euratom nuclear research programme. For Horizon Europe, that's an increase of almost 30 per cent on the EU's existing research programme. The new research programme is tipped to be one of only two EU budget lines expected to go up in the Commission's seven-year proposal; the other is the Erasmus+ student exchange programme.

More... [EC-propose-eu100b-research-programme](#); [EC-publishes-its-eu941b-Horizon-europe-proposal](#)

How can regions and countries join the S3 Platform? **Deadline: December 31, 2020**

We strongly suggest you to register at the most relevant territorial level (NUTS I, II or III) with respect to the decision-making process on drafting innovation strategies and managing EU Structural Funds. Registration details should include the relevant departments for both processes.

More... <http://s3platform.jrc.ec.europa.eu/registration>

Selection for your Agenda

- [Horizon 2020 Dashboard-New-features-on-Participant-Portal; Partner Search Tool; Example for a partner search;](#)
- [European-Innovation-Scoreboard-2018-Europe-must-deepen-its-innovation-edge](#)
- [Innovative-europe-time-new-eu-innovation-strategy](#)
- [EPO-How-to-get-a-European-patent-Guide-for-applicants](#)
- [Commissions-chief-scientific-advisors-publish-opinion-eu-authorisation-processes-plant-protection-products](#)
- [Innovation-Camp-Methodology-Handbook](#)
- [Blockchain's-potential-for-managing-the-impact-of-renewables-and-peer-to-peer-sales](#)
- [Renewable-energy-Wind-solar-biomass-overtake-coal-power-in-eu-for-first-time](#)
- [Energy-Action-Agenda-for-Universities-transition](#)

Clusters & SMEs



A European cluster network: the Council of European BioRegions (CEBR)

CEBR is a membership-driven network of life science clusters across Europe, with approximately 40 subscription members and hundreds of cluster partners across the world. They represent and support thousands of SMEs and hundreds of universities and research centres. CEBR was founded by clusters seeking to work directly together for stronger local and international development of Europe's life science sector, primarily through the support of SME development within a cluster eco-system.

More... <https://www.clustercollaboration.eu/cluster-networks/council-european-bioregions-asbl-cebr>

Selection for your Agenda

- [EPO-Seminar-for-patent-administrators-and-more-learning-events](#)
- [Projets-collaboratifs-internationaux-dans-linnovation-agroalimentaire](#)
- [France-an-economic-hub-in-europe-for-biotechnology](#)
- [Global-bioenergies-receives-additional-fundings-from-the-EU-supporting-its-strategy-of-feedstock-diversification](#)
- [Applying-for-a-patent-Guide-for-applicants](#)
- [Innoplatform - Platform and Tools for increasing innovation capacity of SMEs in the Balkan Mediterranean Area](#)
- [Guide/SMART Specialization/strength_innov_regions](#)
- [Global-bioenergies-and-an-industrial-consortium-receive-major-eu-funding](#)

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