



TALENT for the valorisation of agricultural BY-PRODUCTS. Newsletter #001

The Project

Byp4Dev project main objective is related to improve the development of bio-based sector through the creation of a new professional profile, **the by-products and wastes valorisation in agri-food sector expert**, by designing a common curriculum and a learning approach that will allow professionals from this sector to meet the needs and opportunities that bio-based labour market offers.

By-product for Development (Byp4Dev) project is framed within the Cooperation partnerships in vocational education and training action of Erasmus+ programme ([link](#)).

If you want to know more about this project, visit the project website: <http://byp4dev.eu/>



Project Activities

Based on service design processes, and on the double diamond methodology, this project is composed by five results with different activities. The first activities of the project will generate:

- **Methodological guideline and framework**, which will allow to design the expert profile gathering the existing knowledge, needs, ideas of the different stakeholders involved in this process. These existing knowledge will be collected via different online surveys and the organization of a focus group in each participant regions.

If you are a company, vocational training organization, research center or policymaker related to project topic, your knowledge and expertise is very important for the process. If you want to contribute with your knowledge, feel free to fill in the project survey:

Link to the survey

- Once the framework has been established, an expert profile in by-products and wastes valorization in the agri-food sector based on **ECVET_Model will be elaborated**, which will facilitate the validation, recognition of knowledge, competences and skills between the different vocational education and training systems across Europe.

In the next newsletters rest of activities will be described and how the expert profile is being developed and tested.

Events & News



On the 21st and 22nd of September, the first face to face transnational meeting of ByP4Dev project took place in Badajoz. The meeting was hosted by our Lead Partner, FUNDECYT-PCTEx, and partners from HAMK, VIDZEME and INOVCLUSTER attended presentially the meeting, meanwhile EXELIA participated online.

More info: [Link](#)

By-products Tips

The new challenges we are going to face in the following years, due to the population growth, climate change, etc., will make necessary to generate new approaches, and biobased products will play an important role.

Knowing the basic concepts about biobased products is crucial to promote and drive this transformation process.

Researchers from the United Federation of Danish Workers 3F have prepared a document "The Fundamentals of Bioeconomy. The Biobased Society" that can be very useful to support this future

biobased society.

Link to the resource: [Link](#)

By-products Good Practices

High Technology Incubator – HIT

Extremadura – Spain.

The **High Technology Incubator**, specialized in Bioeconomy and Circular Economy, is a business incubator composed by a pre-industrial pilot plant, incubation spaces, R&D&I facilities and a set of business services conceived to support technology-based business projects aimed at obtaining new products/processes with high added value through purification techniques and biotechnological processes, from the region's natural resources and from by-products and waste from the agri-food industry.

The incubated companies can use the equipment to test new technologies, generate new bioproducts or promote new processes which can transform by-product of agroindustry sector into new biocompounds directed towards food, cosmetic or pharma.

Besides, the HIT accompanies the incubated entrepreneurs and companies during the all process from the lab to market, from a market challenges to the develop of a viable product/service compliance by the market.

Link to web: [Link](#)

Partners



HAMK is the only higher education institution in the Kanta-Häme region of southern Finland.

HAMK's applied research produces new and creative solutions to improve the wellbeing and sustainability of businesses and our society. Research combines theoretical knowledge in bioeconomy with practical applications in real research environments. Special fields of interest are for example new solutions for utilising natural materials and compounds, and sustainable production chains that respect the principles of circular economy. Our strengths are practical competence in primary production, increasing value through processing raw materials, and utilizing side streams in the different phases of the value chain.



EXELIA is a creative learning solutions company, based in Athens, Greece. EXELIA offers continuous vocational training and lifelong learning opportunities to diverse occupational and social groups, with a

particular focus on digital, entrepreneurial and social skills, based on innovative pedagogical methodologies such as game-based learning.

EXELIA specialises in using digital technologies as an enabling factor for innovation and excellence in education and training, developing advanced educational software, materials and tools such as simulation (serious) games, MOOCs and Open Educational Resources (OERs).



Co-Funded by:

ERASMUS+ Cooperation partnerships in vocational education and training ERAS

This project has been funded with support from the European Commission. This website reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein



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