

ADDED VALUE OF COOPERATION IN BIOECONOMY RESEARCH – TWO YEARS PROGRESS OF THE BIOEAST INITIATIVE

BREAK OUT SESSION PRESENTATION

AGRIFORVALOR

Closing the research and innovation divide by connecting practitioners from agriculture and forestry with research and academia

Conference at OMÉK National Agriculture and Food Exhibition and Fair
Budapest, Hungary
20 September, 2017

Introduction to the Agriforvalor project



- Horizon 2020 project, for the creation of new links between research and practitioners (farmers, foresters)
- In secondary sidestream biomass valorisation
- To develop the bioeconomy
- Ireland, Spain, Hungary biomass innovation design hubs have been created in 2016
- Main results in Y1:
 - Research of status quo in biomass valorisation
 - online database of technologies, awareness raising
 - creation of 3 national hubs and several Innovation Partnership groups
 - www.agriforvalor.eu



recovery of valuable secondary raw materials RawMaterials (metals) from wastes; biorefinery environmental remediation, **Lay** bioremediation recovery of secondary raw materials nonprimary from waste recovered resources waste (ores, energy sources, solutions for wood, waste collection tools of precision minerals, water etc.) farming in agriculture **PRODUCTION** WASTE (design and valorisation of MANAGEMENT development manufacture) agricultural and analysis of sidestreams waste management technology solutions systems for bio-based CircularEconomy industries preparing for reecodesign use; recycling; re-use recovery tools of sustainable CONSUMPTION, economic USE management (life cycle valorisation of analysis (LCA), analysis wastes from of material / energy agriculture and flows etc.) food industy preparing a proposal for environmental awareness raising; waste prevention: BBI JU 2017 call focusing participation in development and implementation of re-use vocational training programs for secondary education on bioeconomy



Challenges

- To increase simultaneously productivity and sustainability in agriculture and rural areas
- Research results are often insufficiently exploited and taken up in practice
- Innovation-driven research to be promoted (not science-driven research)
- Stimulate interaction and knowledge exchange bw RI and practitioners
- Making available science and practice based information
- Capture creative ideas from the grassroots-level
- Bioeconomy as a concept and its principles to be explained; only the concept is new
- Geographical distance



Good examples – Innovation Partnership groups in Hungary

- Agricultural Innovation Partnership group on developing a new cultivation technology based on circular use of biomass (valorization of biogas digestates)
- Forestry Innovation Partnership group on valorisation of bark biomass
- Forestry Innovation Partnership group on developing new wood-chips based wooden products

DO YOU HAVE AN IDEA? LET US KNOW



Further information on Agriforvalor

<u>www.agriforvalor.eu</u> – regiser on our webiste for further information

Twitter:

Hungarian partners:

- Bay Zoltán Nonprofit Ltd. for Applied Research
 - Katalin Kurucz <u>katalin.kurucz@bayzoltan.hu</u>
- Pilze-Nagy Ltd.
- NARIC Forestry Research Institute
- Lavina Foundation



Why is it worth cooperating with Agriforvalor?

- Share your research results and practical applications with the Bioeconomy community
- Become active partner of the bioeconomy community in Europe for building up a sustainable future
- Learn from research results and good practices in order to valorize your biomass sidestreams
- Share your ideas on biomass sidestream topics
- Profit from innovation partnerships across new value chains integrating complementary knowledge to valorize specific biomass sidestream topics
- Get access to contacts of other bioeconomy players in the hubs and the EU
- Set up your own business model on biomass sidestreams to safe and/or make money with biomass sidestreams

