Get to know AGRIforVALOR

Triple Helix Approach in a Network of Biomass Innovation Design Hubs

Steinbeis-Europa-Zentrum | Dr. Jonathan Loeffler | Managing Director
Objectives

AGRIFORVALOR will close the research and innovation divide by connecting multi-actors in innovation partnership networks in order to valorise and exploit sidestream biomass resources from agriculture and forestry

=> Turning waste, by-products and residues from agriculture and forestry into a valorised sidestream.

Project LifeCycle: 01.03.2016 - 31.08.2018
Connecting a range of stakeholders in order to:

- Achieve new value chains and
  - Stimulate biomass sidestream market uptakes into value-added products.
Example (1)

- Natural polymer lignin, TECNARO company

Characteristics of Arboform:
+ processable like plastic
+ offers every shape
+ can be colored while heated
+ less work for the industry
+ smells like wood
+ is free of oil
+ uses the renewable source lignin (byproduct of the pulp industry)
Example (2)

- Biorefinery - meadow grass into green electricity and innovative materials
Example (3)  

2 Mio. Tons milk waste per year in Germany!

- QMILK® Collect
- QMILK® Faser
- QMILK® Cosmetics
- QMILK® Biopolymer
Main Target Groups

Helping Multi-actors in the Biomass Value Chain to Profit from Innovation Partnership Networks

- **Farmers/Foresters:**
  - Becoming active partner in the biomass sidestream value chain.
  - Gaining knowledge and receiving support in exploiting R&D&I results and exploring business development.

- **(Bio)Industry:**
  - Raising awareness of the potential and opportunities of sidestream biomass applications along the chain of 5 Fs: (food, feed, fuel, fine-chemicals, fertiliser).
  - Profiting from new business models based on forestry and agriculture biomass sidestreams.

- **Research and Academia:**
  - Closing the research and innovation divide through better-directed research and development based on demands identified by practitioners.
Methodology

• Setting-up innovation partnership networks managed by
  – 3 Biomass Innovation Design Hubs:
    • Spain (Andalucia)
    • Hungary
    • Ireland
  – Hub managers coordinate inter and intra hub activities
  – Hub steering committees offer tailored innovation support
Services

• Matching existing research results and good practices on valorization of biomass sidestreams from agriculture and forest with the specific needs of practitioners and hub potentials
• Support to (further) exploit promising research results
• Identifying new grass-roots ideas and support to develop business models
• Offering of a tailored mix of innovation support measures:
  ⇒ Workshops & Trainings
  ⇒ Mentorings & Coachings
  ⇒ Online tools

AGRIFORVALOR acts as

mediator and facilitator for new (commercial and technological) opportunities for the agriculture and forest sector in Europe
Added Value

- Learn from good practices and research results
- Profit from innovation partnerships along and across value chains
- Profit from tailored support for exploiting of and idea development for sidestream biomass
- Become active partner in the biomass sidestream value chain
- Become active partner in building a Bioeconomy as part of a Circular Economy

=> Safe and/or make money with biomass sidestreams!
Next actions

• Regional Kick-off Events in October/ November 2016

• Register on the [www.agriforvalor.eu](http://www.agriforvalor.eu)
Project Partners

The AGRIFORVALOR project consortium is comprised of 16 partners from 6 countries:

Project Coordinator:

Hub Hungary:

Hub Ireland:

Hub Spain:

Research:

Website/Marketing:
Contact

Project Coordinator:
Steinbeis-Europa-Zentrum der Steinbeis Innovation gGmbH

Hartmut Welck: +49 711 123 4031, welck@steinbeis-europa.de
Kerstin Seidel: +49 711 123 4035, seidel@steinbeis-europa.de
Regina Hüttnner: +49 711 123 4034, huettner@steinbeis-europa.de

Website: www.agriforvalor.eu
Facebook: https://www.facebook.com/agriforvalor
Twitter: https://twitter.com/AgriForValor
SEZ in Figures

- In 2015: 42 projects with 347 partners from 39 countries
- In 2015: 8.36 Mio. € return flow of European funding to BW supported by SEZ

SEZ Projects 2015 – Return flow of European funding to Baden-Württemberg

- Research, development and demonstration: 5.94 Mio. Euro
- Innovation for medium-sized enterprises: 1.71 Mio. Euro
- Innovation partnerships and internationalisation: 0.71 Mio. Euro
SEZ Services

Steinbeis-Europa-Zentrum Services

- Search for licensing partners
- Dissemination of research results
- Transnational technology transfer
- Administrative project management
- Intercultural management
- Knowledge management

Innovation workshops and development of strategies
- Technology foresight and watch for business and politics
- Consultancy for EU-programmes
- International partner search
- Contractual agreements with the EU

Project bidding process
- Project management
Thank you for your attention!