

Brokerage Event

Food Security | Sustainable Agriculture and Forestry |
Marine, Maritime and Inland Water Research |
Bioeconomy | KET-Biotechnology |

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BioHorizon



Rural Renaissance

Wood streams rolling the circular bio-based economy of European regions

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www.ncp-biohorizon.net

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Energy Institute Hrvoje Požar

- A non-profit scientific institution
- Expert and scientific research
- Provider of education and consultancy to the entire energy sector

Renewable energy sources (RES), environmental and climate protection

- Sustainable use of natural resources for energy
- Research and **assessment of RES potentials** (biomass, solar, wind, etc.)
- Development of RES projects (**technical, spatial, procedural, and financial analyses for realisation of projects**)
- **Environmental impact assessments** of RES and non-RES
- Impacts of **RES integration** on power system operation
- **Climate change** mitigation and adaptation measures
- Energy **policy and regulation development**

Participation in:

- ✓ 10 Horizon 2020 projects
- ✓ 27 IEE projects (2 as coordinator)
- ✓ 7 MED projects
- ✓ 2 IPA projects (1 as coordinator)
- ✓ ...

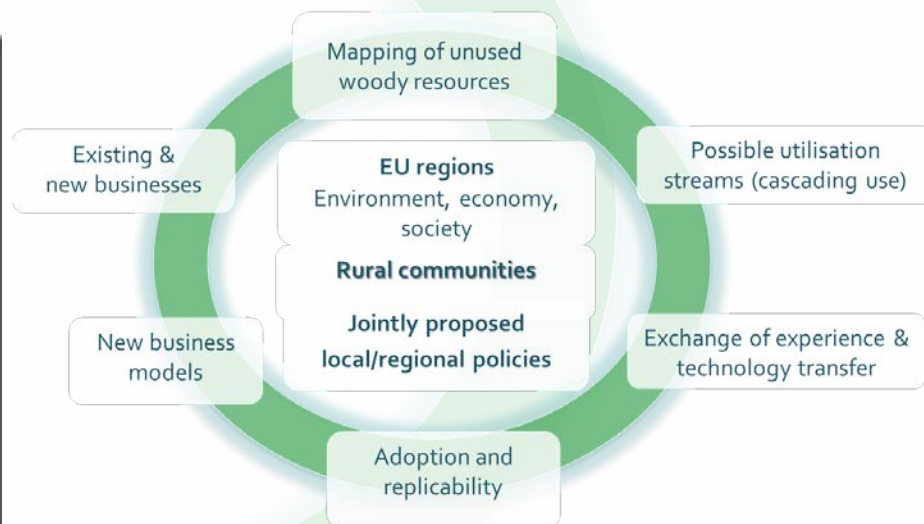
RUR-09-2018: Realising the potential of regional and local bio-based economies

Wood streams rolling the circular bio-based economy of European regions

Aim: Support inclusive policy development for mobilisation of woody resources to initiate and boost a local and regional bio-based economy

Outcomes:

- Model for resource mapping and inclusive policy making leading to new business models
- Catalogue of possible streams for cascading wood use
- Policy measures & business models suitable for typical EU regions (e.g. agriculture oriented communities in lowland regions, mountainous rural areas with high heat demand, Mediterranean regions prone to forest fire ...)



We are also interested in participating in ...

CE-SFS-25-2018: Integrated system innovation in valorising urban biowaste

- waste to energy (biogas, biomethane, biodiesel...) concepts and value chains
- resources, logistics, technology, policy...

LC-SFS-19A-2018: Climate-smart and resilient farming / Microclimate management: from field to landscape

- integrated food and energy systems, climate adaptation, resource and energy efficiency

SFS-33-2018: Support to the implementation of the EU-Africa Research and Innovation Partnership on Food and Nutrition Security & Sustainable Agriculture (FNSSA)

- food-energy-water nexus, bioenergy and food security in Africa

CE-RUR-08A-2018: Closing nutrient cycles / Understanding properties and impacts of bio-based fertilisers

- digestate as fertiliser and cascading use of digestate by extraction of components

RUR-09-2018: Realizing the potential of regional and local bio-based economies

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