

# Brokerage Event

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

**Brussels, 15th November 2017**



BioHorizon



Rural Renaissance

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

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[www.ncp-biohorizon.net](http://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)
- ✓ ...

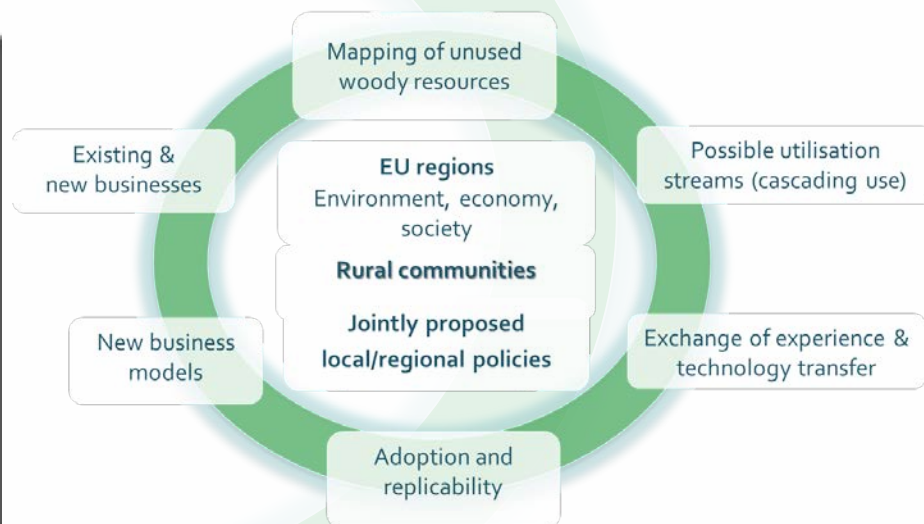
## RUR-09-2018: Realising the potential of regional and local bio-based economies

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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