

Bioenergy

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Context

- Developing forest-based and non-food agriculture-based bioenergy for sustainable regional growth
- EU-goals and principles of circular economy, bioenergy production in regions should be based on decentralised renewable solutions
- MCC, C5 & C6 sugars, pine oil ... --> second generation biofuels, produced mainly from lignocellulosic biomass, residues or waste
- Forest or non-food agricultural origin
- Wood chip, pellet or biogas CHP plants

Context

Smart Regions Conference on 1-2 June 2016

- The seven regions of East and North Finland, Western Macedonia (GR), eight regions of Eastern Norway and Extremadura (ES), Castilla y Leon (ES), North East Romania, North Sweden ...

- ERRIN bioeconomy Working Group and its bioeconomy regions mapping;
- JRC bioeconomy observatory;
- Vanguard initiative on bioeconomy;
- EU-funded projects such as Bioregions;
- National bioenergy region initiatives such as the German Bioenergie Regionen.
- Several other FP7 and H2020 networks

Objectives and added value

- Increase the bio-based processing and create local value chains
- Decreasing the capital outflow from communities
- Improve district heating and energy efficiency through bioenergy projects in the regions
- Differentiate from previous food based and first generation of biofuel initiatives
- Strengthening the S3 link for bioenergy

Methodology

- Implementation of S3
 - SMEs and wide cross sectoral support, PPPs
- Active communication
 - Meetings and conference calls
- Finding the path ...
 - Projects
- ERDF, H2020, BBI JU, Interreg, NPA
- Peer learning, pilots, models
- Benchmarking

Resources

- Funding and synergies in the regions
- Brussels support services
- Existing networks and consortia

Next steps

- Inviting and looking for new regions
 - Enquiry
- Structure by the end of 2016
- Co-leadership
- Creating roadmap on spring 2017