



HIGH LEVEL EVENT
S3P ENERGY

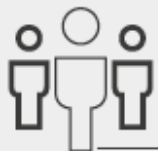
Interregional partnership for S3 on Bioenergy IPSSB

25 January 2018 - Brussels

Regional Council of Lapland
Cluster Development Manager
Ilari Havukainen



 @S3Platform #S3PEnergy

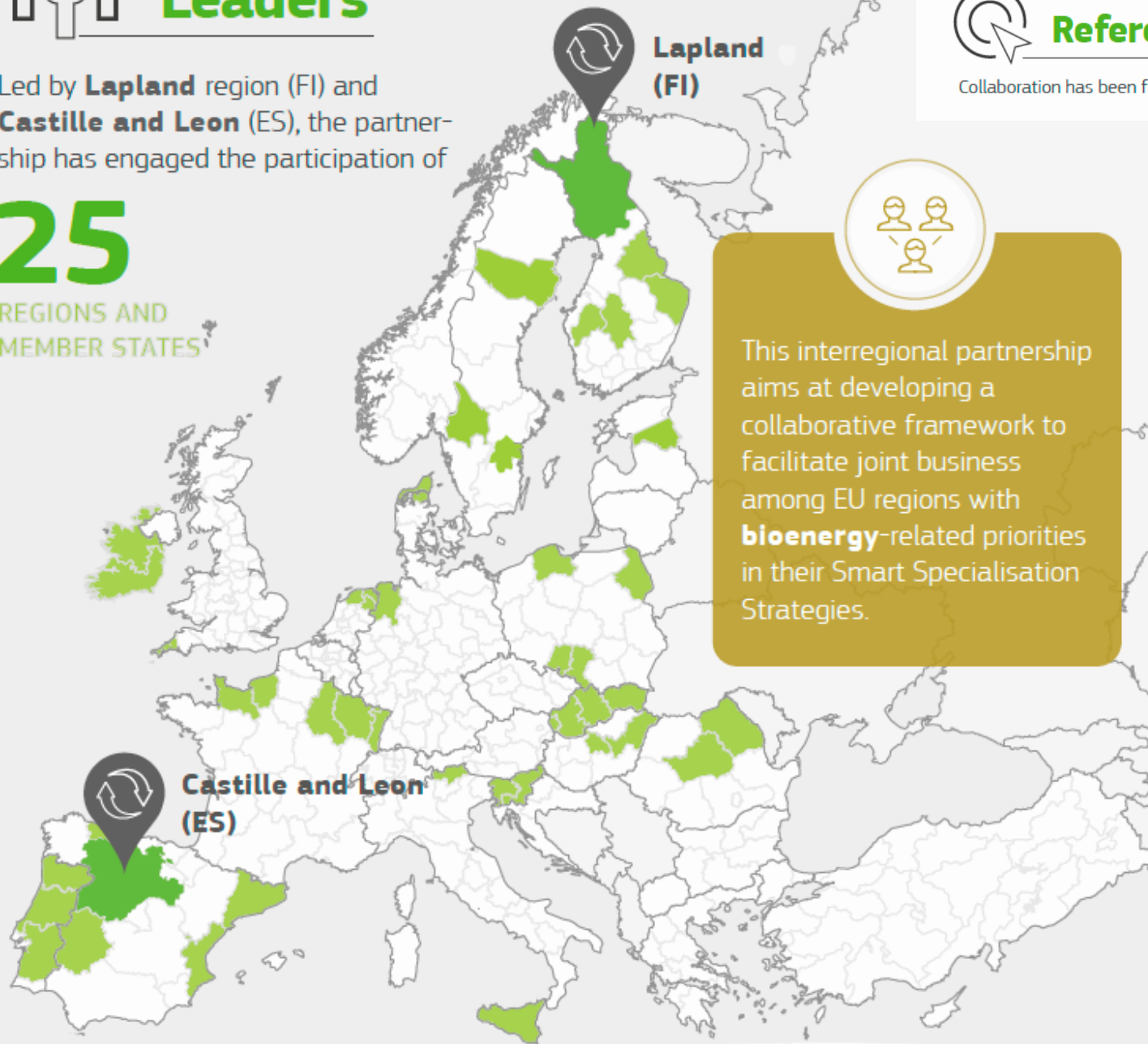


Leaders

Led by **Lapland** region (FI) and **Castille and Leon** (ES), the partnership has engaged the participation of

25

REGIONS AND MEMBER STATES



Reference topics

Collaboration has been framed along **4 concrete lines of work:**



This interregional partnership aims at developing a collaborative framework to facilitate joint business among EU regions with **bioenergy**-related priorities in their Smart Specialisation Strategies.



Biofuels

(bioethanol, biogas)



Heating & cooling

(biomass-based)



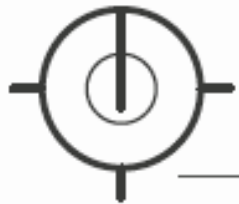
Knowledge transfer

on biomass feedstock, installations and energy consumption



Electricity

(forestry power plants, agriculture power plants)



Key factors

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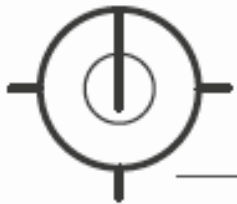
The partnership aims to demonstrate the **validity and sustainability** of decentralised production of 2nd generation bio-fuel for transport, heating and cooling from forest-based and non-food **agriculture feedstocks**.

... and it is one of the main energy sources contributing to fulfilling the **20% objective** with renewables for 2020.



To date, the partnership has launched a survey to identify **regional capacities** in the bioenergy field among participant regions. The results of this exercise will allow to identify complementarities to develop joint business pilot cases.

The next step is to identify **business demo cases** by combining assets and ambitions of regions.



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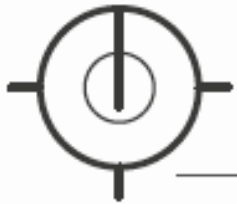
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Governance - activities

Mapping & Analysis – 10 regions

Future activities and joint initiatives
Forestry residues based heating

Working meetings and EU events

KICK-OFF FOR 2017

February
2017,
Brussels

SMART REGIONS 2.0

June 2017,
Helsinki

EXPO BIOMASA 2017

September
2017,
Valladolid

EWRC 2017 INNOVATION CAMP

October
2017,
Brussels

WATIFY

November
2017,
Ljubljana

Preliminary survey results

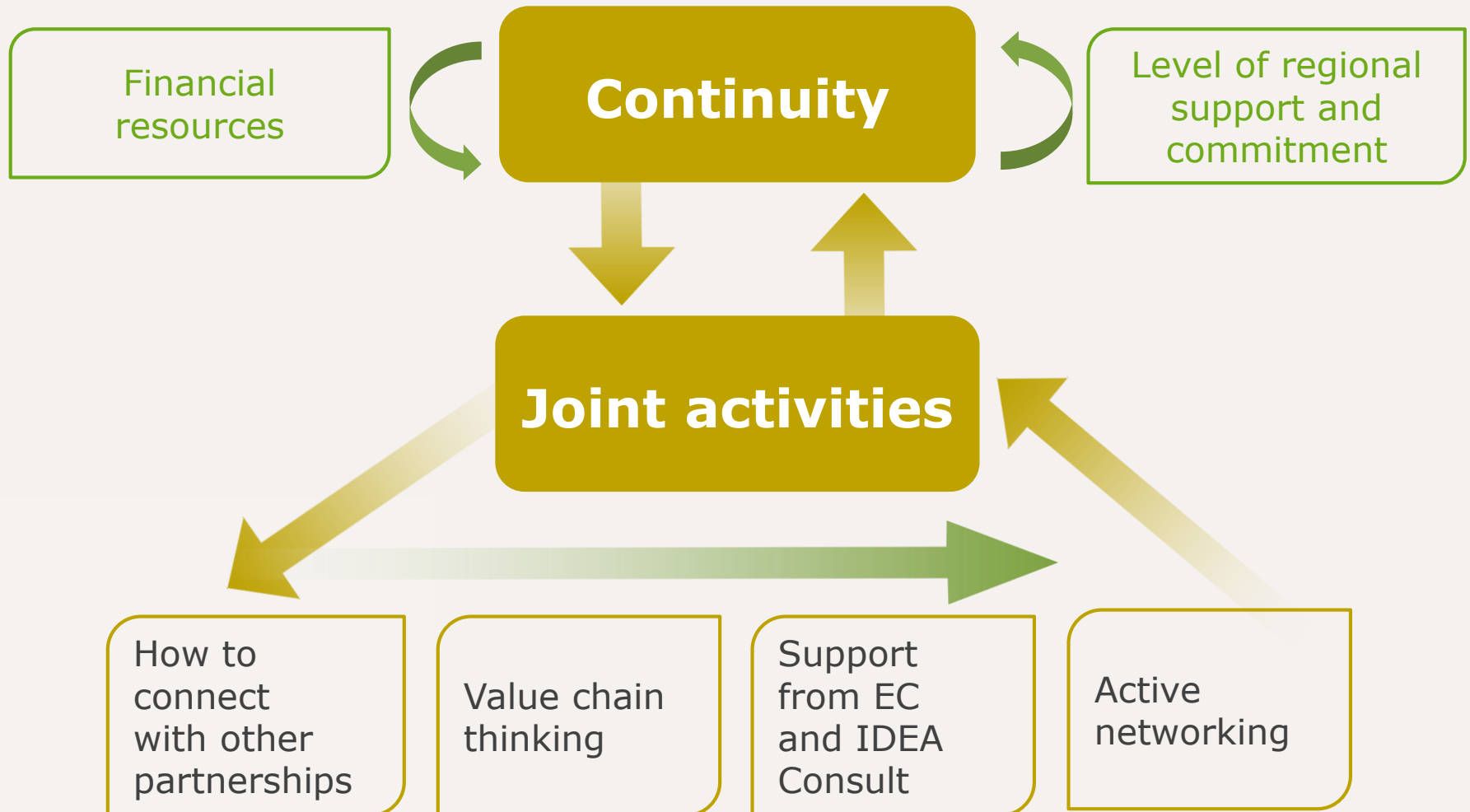
- Based on the collected information, a set of interested regions and specific areas for collaborations including synergies/ complementarities are identified for each topic, in order to tackle specific challenges and embrace opportunities.

#	Country name	Region name
1	Finland	Lapland
2	Spain	Castilla y León
3	Slovenia	East Slovenia
4	Finland	North Karelia
5	Croatia	North-West Croatia
6	Finland	Kainuu
7	Romania	Centru
8	Finland	Central Finland
9	Spain	Asturias
10	Finland	South Ostrobothnia
11	Portugal	Algarve

Preliminary survey results

Types of plants	Species	N° of plants	Regions	Areas for collaborations
Biofuel	Chips plants	96	Slovenia South Ostrobothnia	Need to develop marketing tools (Slovenia, Castilla y Leon)
	Pellets plants	31	CyL Kainuu North Karelia Slovenia South Ostrobothnia	
Power plants	Biogas plants	26	Asturias Kainuu North Karelia Slovenia South Ostrobothnia	Feasibility studies with scenarios to tackle controversy (Asturias, East Slovenia)
	Chips plants	34	Asturias Kainuu North Karelia Slovenia	Decrease of exploitation costs through efficient logistic of supply (Asturias, East Slovenia)
Energy plants	Chips plants	182	Asturias Centru (Romania) Kainuu North Karelia NWC Slovenia South Ostrobothnia	Building and strengthening the value chain: consumers interest, collaboration between farmers and harvesters, logistic of supply (Romania, Asturias, Centru, North West Croatia, East Slovenia)

Challenges



Lessons learned

Emphasis on S3 link
and ongoing activities
towards investments

Building
a regional
support
team

Linking
partnership
to clusters



Support of civil society
and stakeholders is key

Regional
support
groups

Innovation
Camp topics



More information:

<http://s3platform.jrc.ec.europa.eu/bioenergy>

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REGIONAL COUNCIL
OF LAPLAND

