

# INTERREGIONAL PARTNERSHIP FOR S3 ON BIOENERGY

SMART SPECIALISATION AND TECHNOLOGY TRANSFER AS INNOVATION  
DRIVERS FOR REGIONAL GROWTH

INCREASING COOPERATION IN “INNOVATION INVESTMENT ACROSS  
REGIONS AND COUNTRIES”

31<sup>TH</sup> OF MAY 2018 – BRUSSELS, BELGIUM

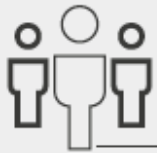


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EREN – Junta de Castilla y León

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Cluster Development Manager  
Regional Council of Lapland



@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

**Castille and Leon**  
(ES)

**Lapland**  
(FI)



## Reference topics

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



### Biofuels

(bioethanol, biogas)



### Heating & cooling

(biomass-based)



### Knowledge transfer

on biomass feedstock,  
installations and  
energy consumption



### Electricity

(forestry power  
plants, agriculture  
power plants)



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.



## Key factors

In line with the EU goals, bioenergy represents about **two-thirds** of the renewable energy production in the European Union.

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



2/3

1

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**.



20%

2

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.

3

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





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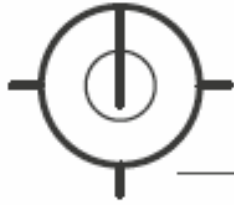
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# GOVERNANCE - ACTIVITIES

Sector analysis – 13 regions

Future activities and joint initiatives

Based on pilot areas from survey / mapping exercise, e.g. H2020

## 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

### HLE on Energy &

Working meeting January 2018, Brussels

### EUSEW 2018

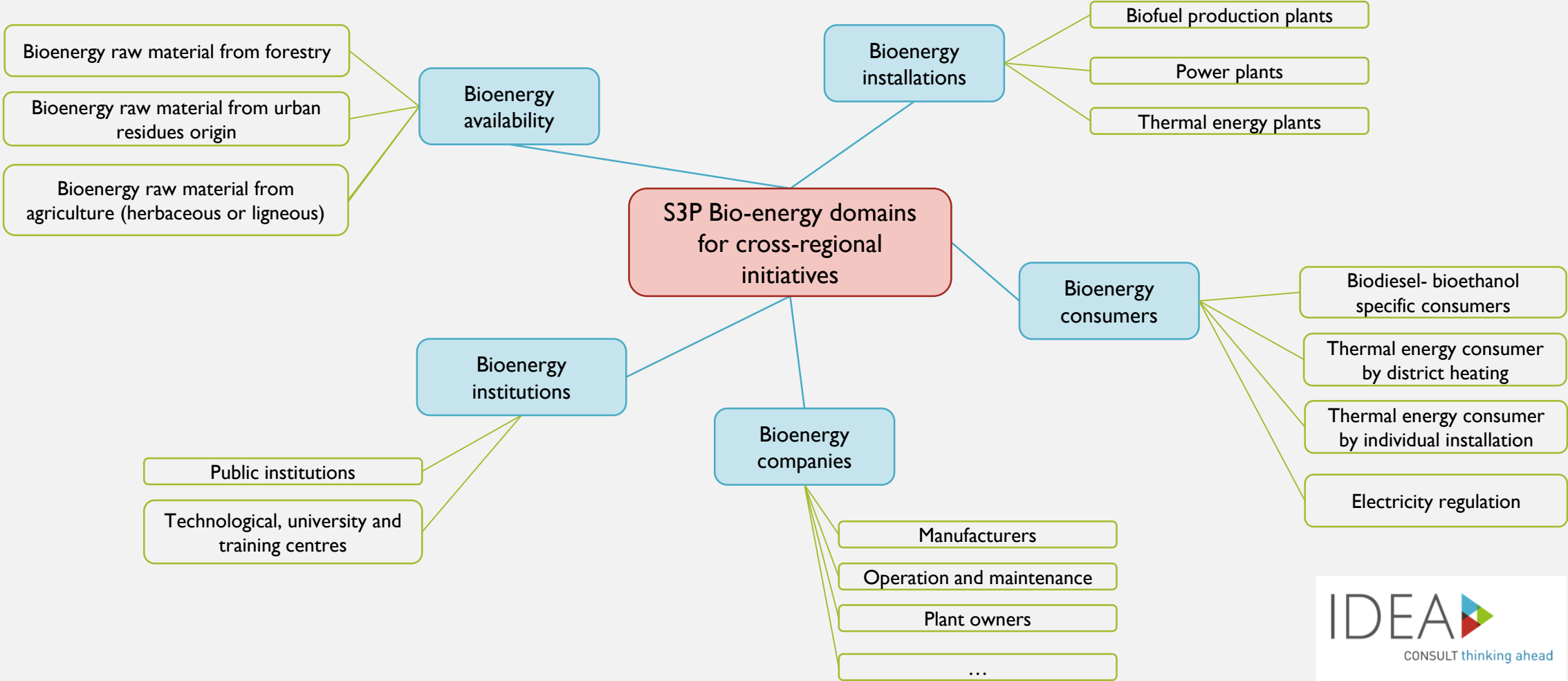
Working meeting, Brussels

### INTERREG Europe

"APPROVE" 1/6



# SURVEY 2017 - CONCEPTS



## SURVEY 2017- 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	Region
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

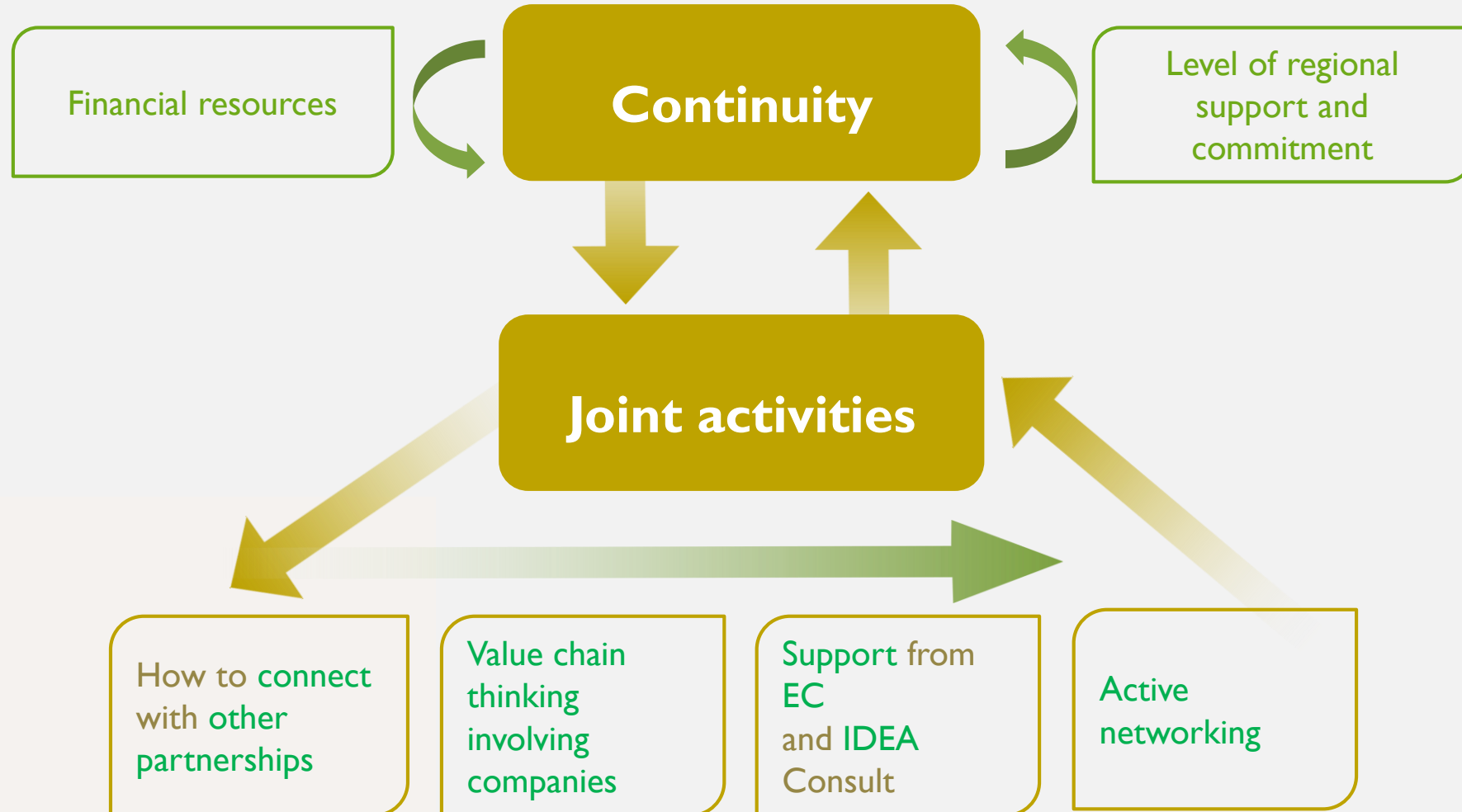
# PILOT AREAS

## DOMAINS OF APPLICATION: OVERVIEW

	Lapland	Castilla y Leon	East Slovenia	Central Finland	N . E. Romania	Centru region	North Karelia	Highland Council	Asturias	Norte	Alentejo	RNAE	Kainuu region	Region Värmland	South Ostrobothnia	Centro
Cases for cross-regional collaboration																
Implementation of rural and small-scale biomass installations	P	P	P	P	P	P	LP	P	P	P	P	P		P	P	
Added value of biogas installations	P		P	P	P		P	P	P			P	LP?	P		
Small scale electricity generation of by pellets and wood chips			P				LP	P		P		P		P		
Development of a forest management model		P		P		P	P			P	P	P		LP?		P
Biomass plants install tool		P		P		P			LP?	P	P	P		P		
Transversal topics																
Awareness creation		LP?	P	P	P	P	P	P	P	P	P	P		P	P	
Exchange of best practices		P	P	LP?	P	P	P	P	P	P	P	P		P	P	

**LP** = Lead partner  
P = Partner

# CHALLENGES



# LESSONS LEARNED

Emphasis on **S3 link** and ongoing activities **towards investments**

Building a regional **companies support team**

Linking **partnership** to clusters



Support of **civil society** and **stakeholders** is the key

Regional **support groups**

**Innovation Camp** topics

More information:

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

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REGIONAL COUNCIL  
OF LAPLAND

