



Agencia Andaluza de la Energía
CONSEJERÍA DE EMPLEO, EMPRESA Y COMERCIO



BUILD2LC
Interreg Europe



European Union
European Regional
Development Fund

Interregional collaboration to boost innovation uptake in energy rehabilitation in buildings

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Smart specialisation and investment opportunities in Sustainable Buildings

Partnership on Sustainable Buildings



Why a Partnership on Sustainable Buildings

- ✓ **The building sector is the largest energy consumer in Europe, representing 40% of the total EU consumption and 36% of CO2**
- ✓ **Over 75% of energy savings could be achieved; but only 0,4-1,2% of the stock is renovated each year**
- ✓ **High innovation potential through innovative solutions of maximum energy efficiency, ecomaterials, or renewable energy installations**
- ✓ **The EU institutions encourage regional cooperation as the ideal way to take advantage of the regional capacities**
- ✓ **The Andalusian Region has been working in the field since 2014, and recognised by the EU through the Regiostar 2015 award**

OBJECTIVE AND KEY ELEMENTS OF THE PARTNERSHIP

Alliance between European regions to boost new markets and take advantage of regional opportunities for specialisation in sustainable construction.



Key elements

Value

Collaboration

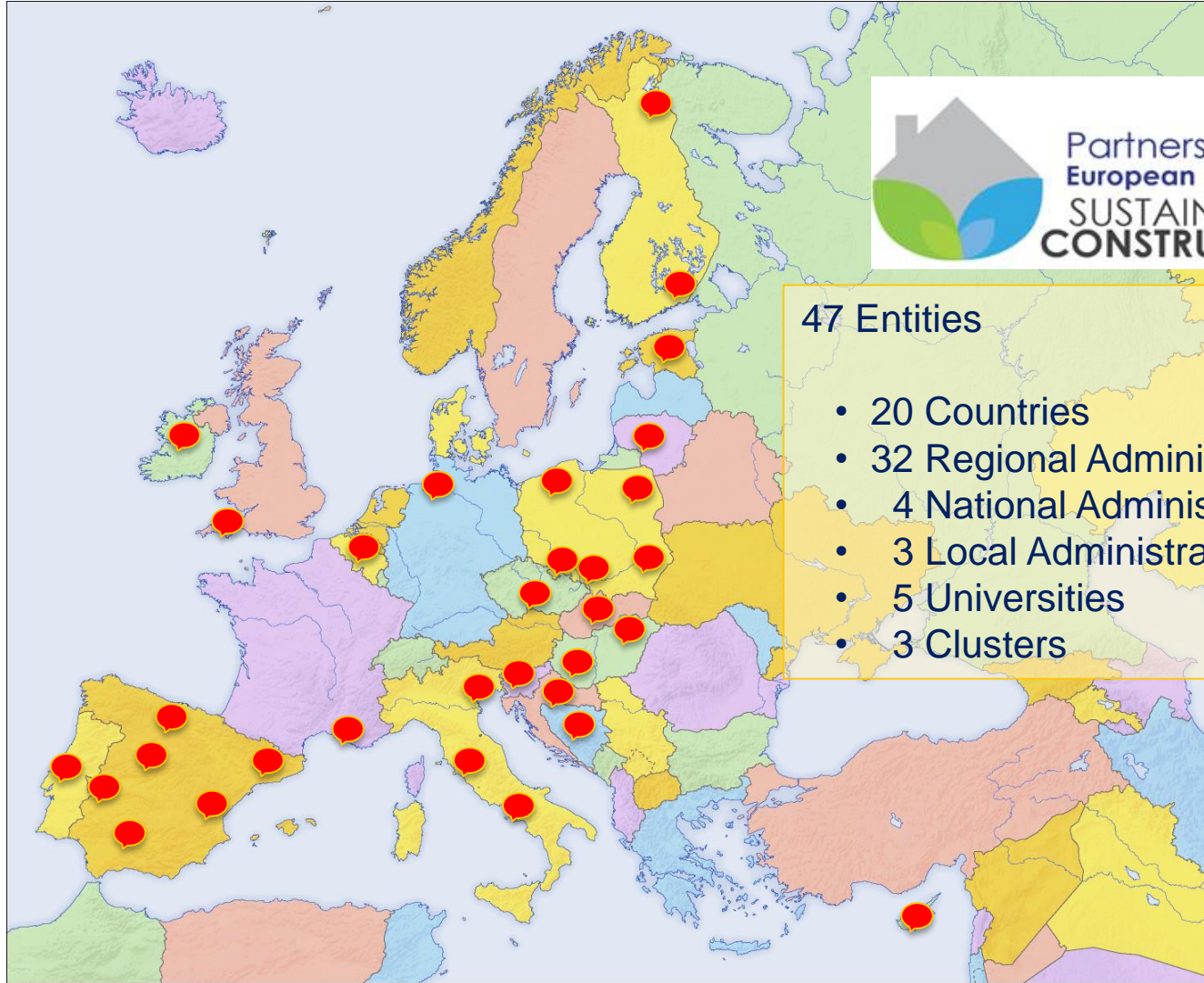
Commitment

Integration

Governance

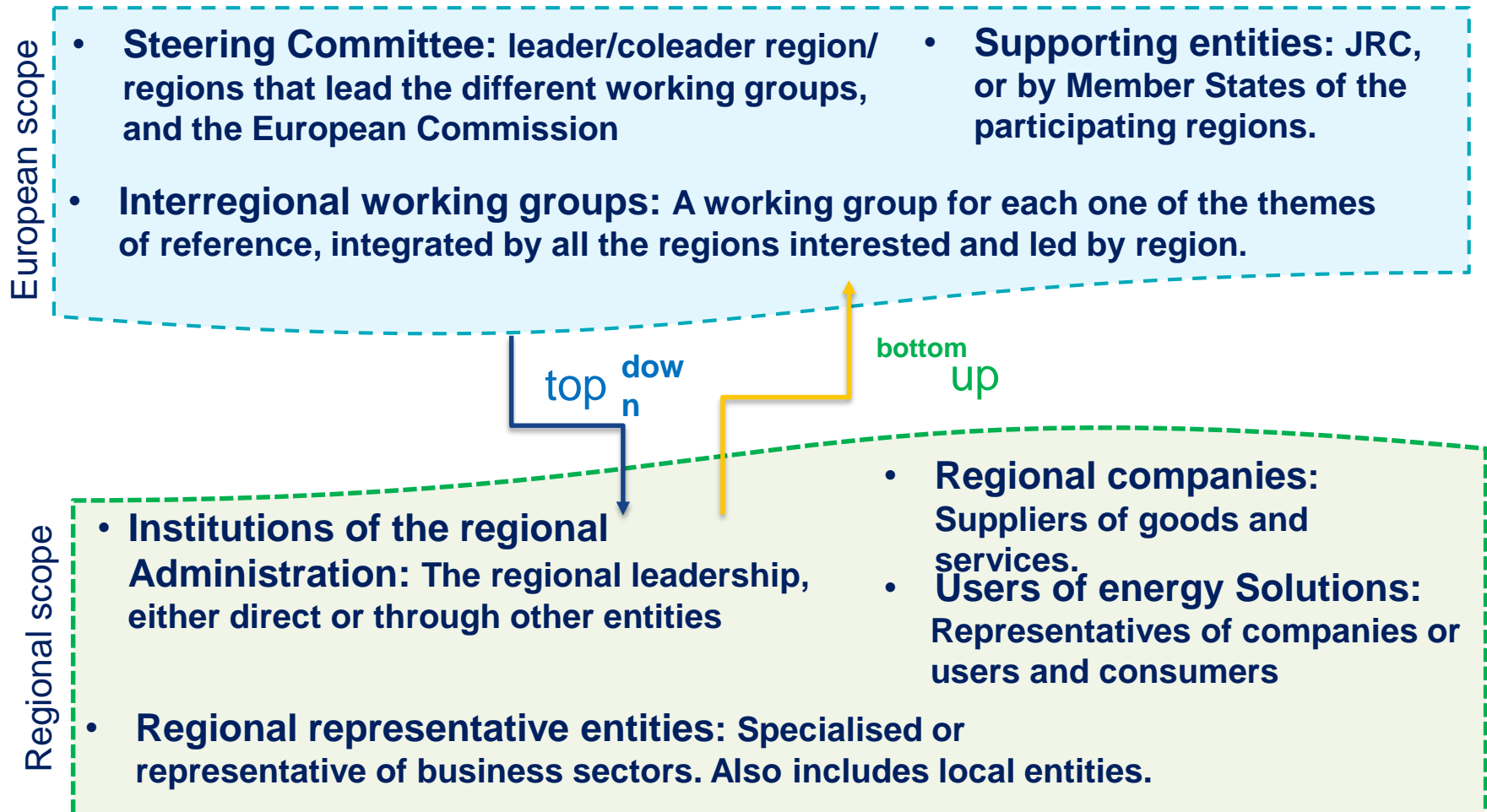
Smart
specialisation

Current composition of the Partnership



- 47 Entities
- 20 Countries
 - 32 Regional Administration
 - 4 National Administration
 - 3 Local Administration
 - 5 Universities
 - 3 Clusters

STRUCTURE OF THE GOVERNANCE



WORKING GROUPS AND LEADERS



Themes	Entity
0. Co - leader	LENERG (Hungary)
1. Eco construction, bioclimatism and insulation of buildings	Lapland Region (Finland)
2. Renewable energy integration in buildings	Pomorskie Region (Poland)
3. Systems of maximum energy efficiency use in buildings and cities	tbc
4. Others (new proposals)	tbc

FIRST COLLABORATIONS OFFERS



Themes	Project ideas
1. Eco construction, bioclimatism and insulation of buildings	<ol style="list-style-type: none">1. Applications of natural paints and coatings in exterior insulation systems or in ventilated facades - Andalusia2. Efficient systems for the outer envelope and interior installations of industrialised construction – Andalusia3. Anti urban heat islands platform – Avitem (France)
2. Renewable energy integration in buildings	<ol style="list-style-type: none">1. Heat pumps fed from waste heat sources and seasonal thermal energy storage - Pomorskie2. Creating a Living Lab-based laboratory – Pomorskie
3. Systems of maximum energy efficiency use in buildings and cities	<ol style="list-style-type: none">1. Micro CHP (10-100 kw) to provide heat and electricity to housing and commercial in Pomorskie2. Rehabilitation of a historic building in Andalusia3. Efficient solutions in the rehabilitation of public secondary schools in Andalusia

NEXT STEPS – SHORT TERM



1. Formalise the adhesion of Regions through the signing of an institutional agreement
2. Identification of other related initiatives at European level
3. Elaboration of the Web – collaborative platform
4. Elaboration of a map of capacities of the participating regions
5. Involvement of the different regional actors. Data Base.
6. Continue with the identification of concrete action lines and pilot projects
7. Development of the first project ideas (end of 2017)

Next meeting in Brussels on 10th October

WORK PLAN

Work Plan in detail		May	Jun	Jul	Aug	Sep	Oct	Nov	Dic
Phase 0	Identification of European regions	█							
	Interregional coordination meeting (Brussels)	█							
	Definition of the themes and working groups	█							
	Creation of the management bodies	█							
	Participation in Smart Conference meeting (Helsinki)	█	█						
	Identification of new members at European level	█	█						
	Elaboration of the Web – collaborative platform	█	█						
Phase 1	Elaboration of a map of capacities		█	█	█	█			
	Involvement of the different regional actors		█	█	█	█			
	Analysis of the information collected					█			
	Interregional coordination meeting (Brussels)					█	█		
Phase 2	Identification of concrete projects		█	█	█	█			
	Integration in European initiatives					█	█		
	Matchmaking event (Brussels October, Sevilla November)					█	█	█	
	Search for funding					█	█	█	█
Phase 3	Presentation of project proposals to the Commission							█	█
	Implementation of the business cooperation initiatives and pilot projects								█
	Monitoring and evaluation								█
	Elaboration of a strategy of dissemination								█
	Participation in Smart Conference meeting (tbc)								█



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More information

<http://s3platform.jrc.ec.europa.eu/sustainable-buildings>



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Thank you!

Questions welcome



Project smedia