



Partnership of  
**European Regions**  
SUSTAINABLE  
**BUILDINGS**

Working Meeting  
Debrecen, 6th July 2017



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# 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**
- For Andalusia the Partnership is **an excellent opportunity given the importance of this sector in the region.**
- The Andalusian Region has been working in the field since 2014, and recognised by the EU through the **Regiostar 2015** award



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# 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**

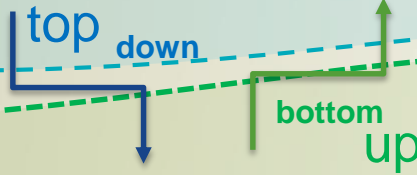


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# Structure of the governance

European scope

- **Steering Committee:** leader/coleader region/ regions that lead the different working groups, and the European Commission
- **Supporting entities:** JRC, or by Member States of the participating regions.
- **Interregional working groups:** A working group for each one of the themes of reference, integrated by all the regions interested and led by region.



Regional scope

- **Institutions of the regional Administration:** The regional leadership, either direct or through other entities
- **Regional companies:** Suppliers of goods and services
- **Users of energy Solutions:** Representatives of companies or users and consumers
- **Regional representative entities:** Specialised or representative of business sectors. Also includes local entities.



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# 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                       |



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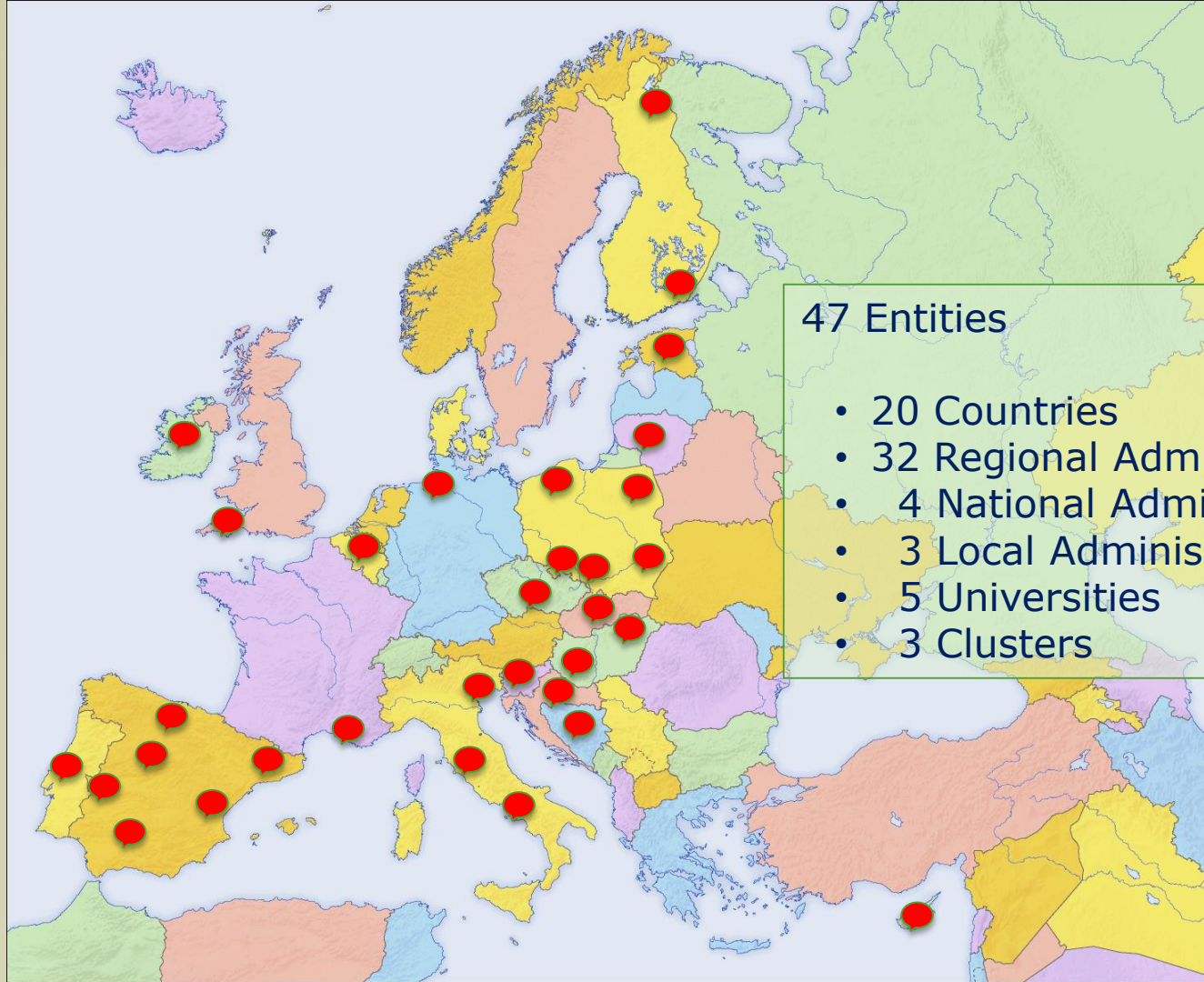


# Collaborations Offers

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



# Partnership



## 47 Entities

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



| 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)                           |     |     |     |     |     |     |     |     |



# Latest Dissemination's actions



## SMART REGIONS 2.0 Conference

Maximising Europe's innovation potential

1-2 June 2017

Messukeskus Expo and Convention Centre

Helsinki, Finland

@EU\_Regional #SmartRegions



European Federation of Agencies and Regions for Energy and the Environment

**Fedarene General Assembly**  
**Berlin, 1st June 2017**



MY FEDARENE

# Enlarging the partnership



1. New members from Italy, Western Macedonia in Greece, Norway and Sweden
2. New Universities, Regional Governments, Energy Agencies
3. New European initiatives: FEDARENE, Covenant of Mayors, Committee of Regions, others



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# Innovation camp



New Innovation Camp is a co-creation methodology that is being tested and promoted by the S3 Platform as a tool and practice that can be embraced by regions and cities to stimulate the collaboration of actors of the four helixes in an Entrepreneurial Discovery Process.

Example: <http://s3platform.jrc.ec.europa.eu/-/1st-catlabs-innovation-camp?inheritRedirect=true>



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# Innovation camp

| Action   | Deadline        | Responsible  |
|--|-----------------|--|
| <ul style="list-style-type: none"> <li>To discuss with regions in their respective partnerships what is the most relevant challenge(s) that they want to address during the Innovation Camp on Energy.</li> <li>Filled-in the challenge template and send it to the S3P energy team and facilitators in cc.</li> <li>To provide a list with suggested participant in their own challenge.</li> </ul> | 14 July         | <p>Owners of the challenge (s)</p> <ul style="list-style-type: none"> <li>Bioenergy: Lapland &amp; Castile and Leon</li> <li>Sustainable Buildings: Andalusia &amp;</li> <li>Smart Grids: PACA &amp; Basque Country</li> <li>Solar: Extremadura</li> <li>Marine Renewable energy: Scotland &amp; Basque Country</li> </ul> |
| <ul style="list-style-type: none"> <li>To provide feedback/suggestions to the challenge/speakers received.</li> </ul>  | Mid - August    | S3PEnergy team + facilitators  |
| <ul style="list-style-type: none"> <li>To organise a second TC to discuss how to proceed</li> </ul>  | Early September | S3PEnergy team + facilitators + lead regions   |
| ..... intermediary steps (tbd) - (including the organisation of the innovation camp) ....  |                 |  |
| Innovation Camp  | 12-13 October   | S3PEnergy team + facilitators + lead regions   |

# Innovation camp



- Main Challenge of the Partnership – Call for challenges
- A fiche for each challenge to compile the information regarding:
  - Title
  - Background/context
  - Main and underlying issues
  - Opportunities
  - Obstacles
  - Main challenge objectives
  - Relevant stakeholders
  - Other relevant information (videos, web)EXAMPLE



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# Innovation camp



Examples:

Bioenergy: How to increase the participation of citizens and other stakeholders in biomass and bioenergy planning...

Brainstorming:

Sustainable Building

Financing through interregional collaboration...

How to finance EE and RES innovation actions in public buildings through private-public partnership and new financial tools to reach Nearly Zero Buildings by year 2018...



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# Innovation camp



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# 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)



## **Contacts**

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## **More information**

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