

Interreg
Alpine Space



Interreg
Alpine Space
PEACE_Alps
EUROPEAN REGIONAL DEVELOPMENT FUND



IMEAS Networking event

Escaping the unconnected silos: how to
foster integration in low-carbon policy
making and planning

Turin, 28 June 2017



03/08/2017

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PEACE_Alps - Pooling Energy ACTION plans and Enhancing their implementation in the Alps

PEACE-ALPS tackles the problems related to the implementation of Sustainable Energy Action Plans (SEAPs) or any other Energy concepts already endorsed by Local Authorities (LAs) in Alpine Space Area by supporting LAs in developing concrete actions with an inter-municipal approach.

The objectives will be reached by addressing the following topics:

- + energy management,
- + energy refurbishment of buildings and public light,
- + local adaptation to climate change.

The outputs and experience gained will be spread out in the Alpine Space with an effective engagement campaign of new regions interested in developing the same approach, and with policy recommendation at EU level.



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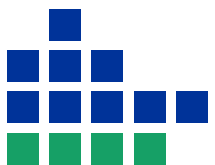
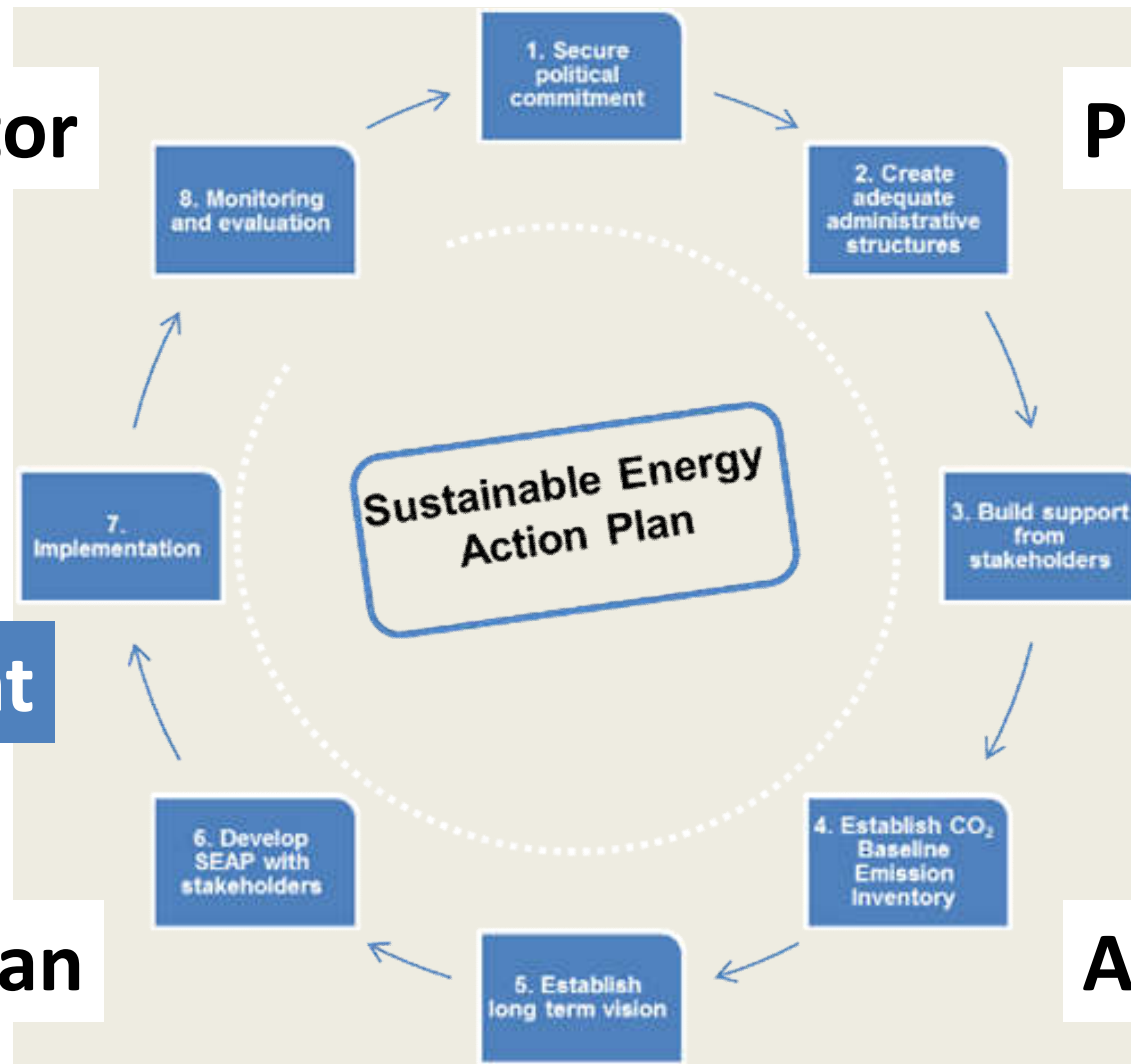
Monitor

Prepare

Implement

Plan

Analyze

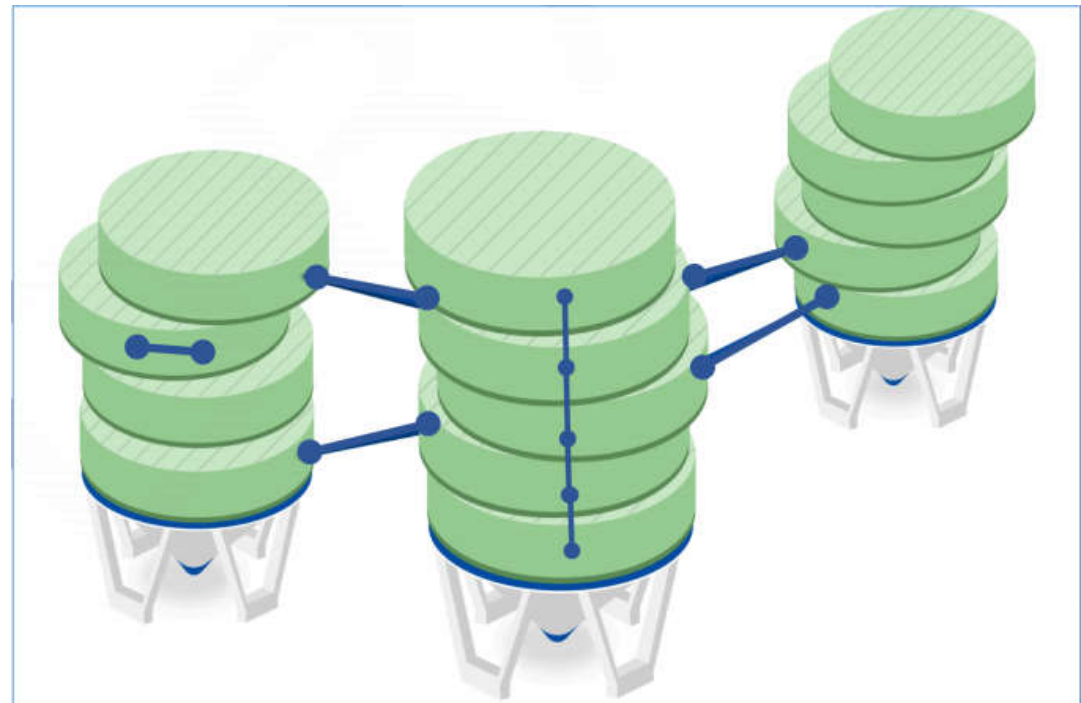


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Examples of multilevel governance links according to IMEAS silo approach

- The project concept
- The energy management solution adopted for Municipalities
- The energy refurbishment of buildings/street light for municipalities

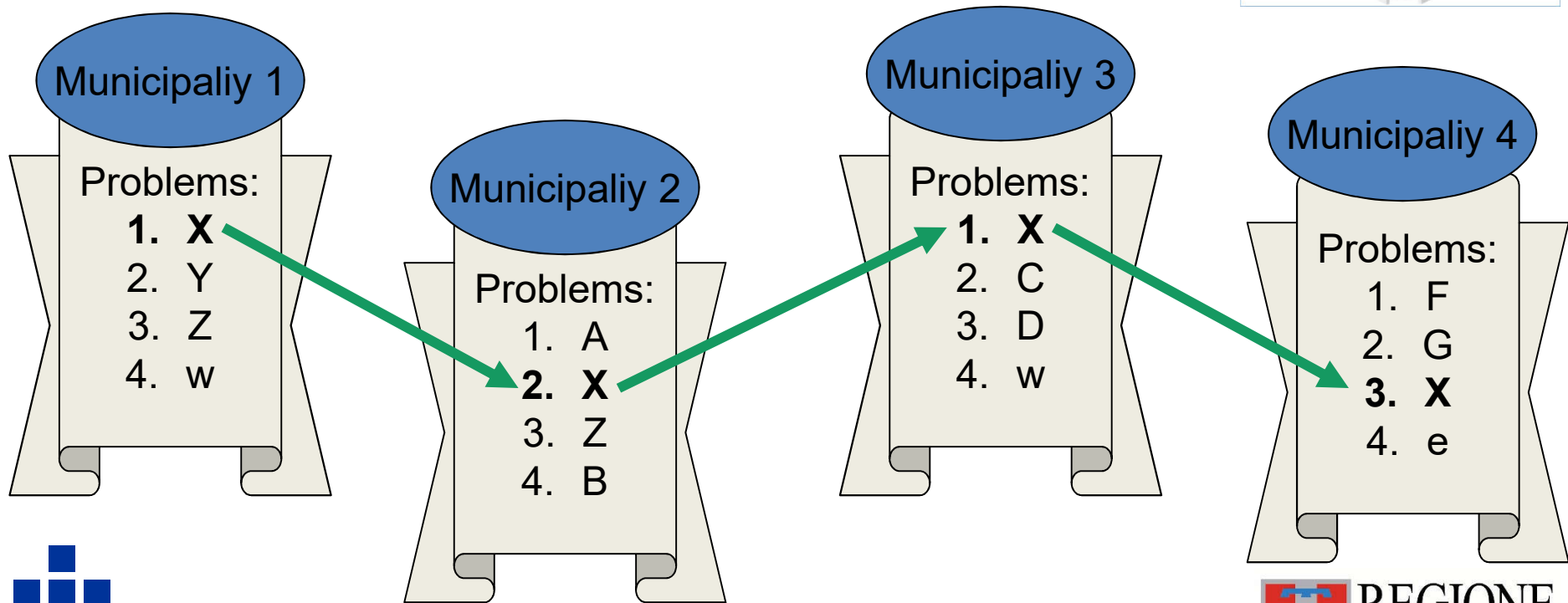
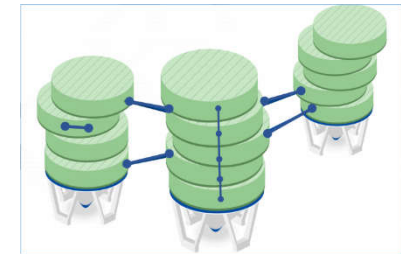


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The project concept

Bottom up approach – Horizontal link

Start up fora for the definition of local needs

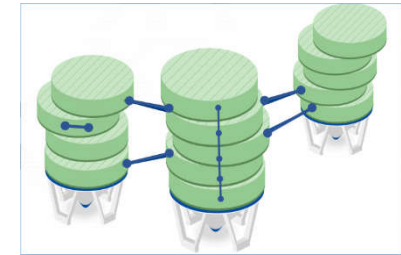


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The project concept



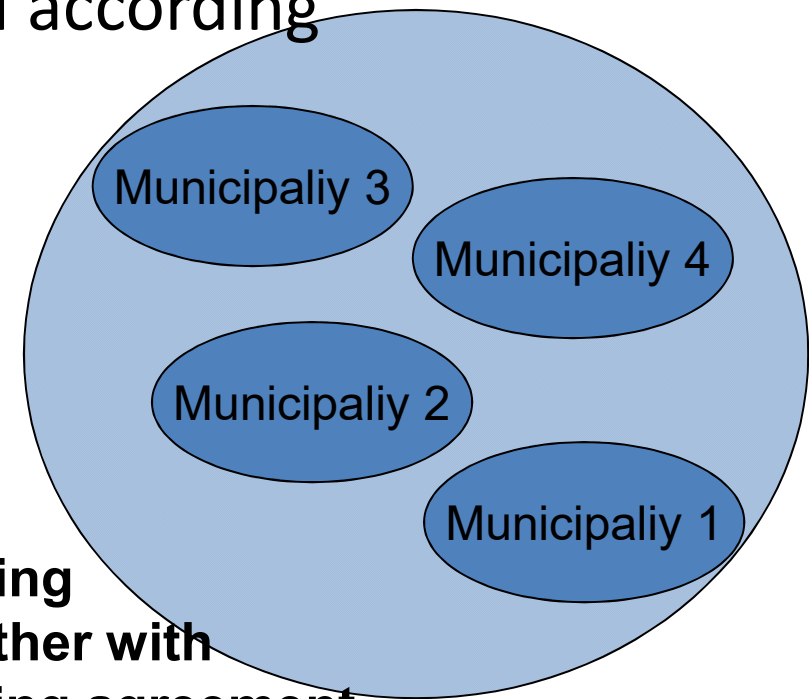
The pooling and provision of solutions – Vertical links + horizontal links



A centralized solution is designed according to local needs



Centralized solutions



Pooling together with binding agreement



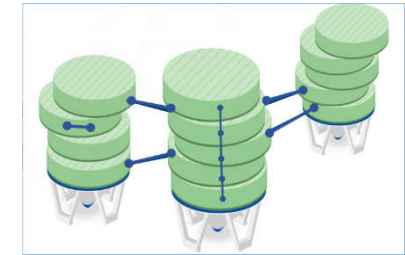
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The project concept



The replication – Transnational links

A tutoring service is provided to new project beneficiaries



Deadline:
30 September 17



www.alpine-space.eu/projects/peace_alps

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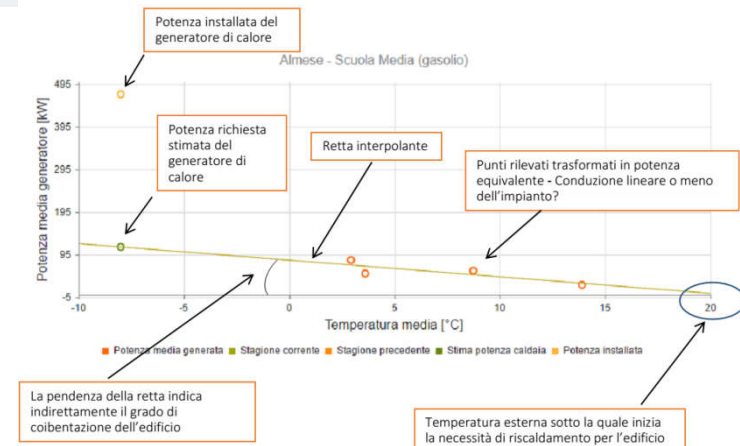
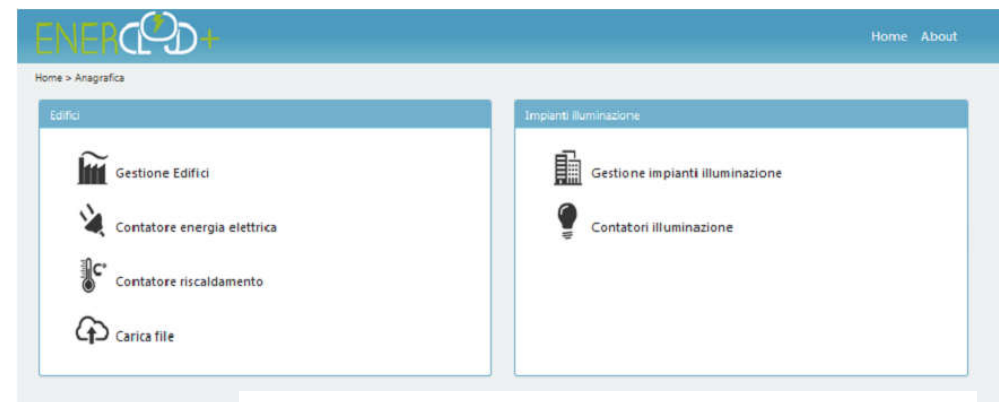
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Energy Management



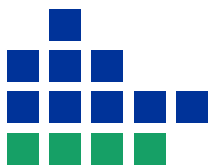
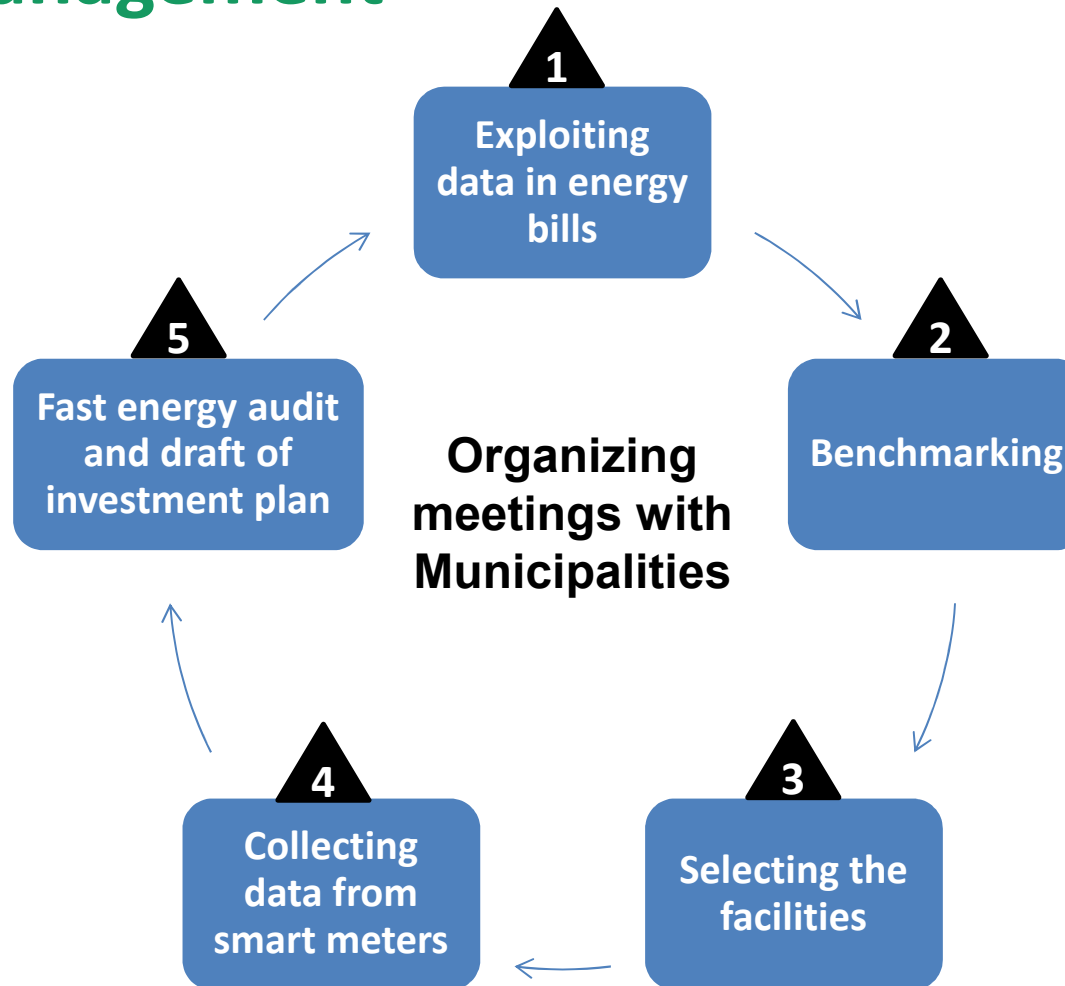
Enercloud +

1. A benchmark tool for collecting data from energy bills from buildings and street lights
2. A helpdesk service for understanding data and possible improvement solutions
3. A detailed monitoring service for a selected number of buildings
4. A training service for sharing information among technicians



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Energy Management



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Energy Refurbishment

STREET LIGHTING SYSTEMS PROJECT FINANCING PROCEDURE

1. **Collection of data (state of art)**
2. **On site surveys (to complete the state of art)**
3. **Draft of an evaluation report:**
 - State of art;
 - Refurbishment scenarios;
 - Cost-benefit analysis.
4. **Proposals from market players**
5. **Assessment of the proposal and launch of a competitive call**
6. **Assessment of bids**
7. **Awarding the private investors**

BUILDINGS ENERGY PERFORMANCE CONTRACT WITH THIRD PARTY FINANCING

1. **Collection of data (state of art):**
 - Energy consumption by meter;
 - Cost of electricity and O&M services;
 - Info about the systems
 - Info about the buildings
2. **On site surveys (to complete the state of art):**
 - Photos;
 - Measurements;
 - State of maintenance.
3. **Draft of energy audits**
4. **Draft of tender documents** (terms of contract, framework contract, etc)

