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**European Week  
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**Regions and cities, pillars of the EU's future**





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# Boosting innovation in energy through PPI – Experiences of PPI2Innovate project

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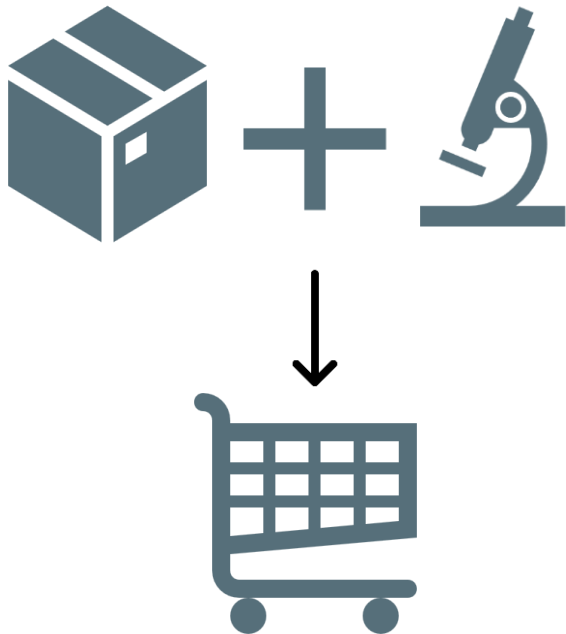


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## Purchase of R&D before commercialization

PCP



PPI





## Obstacles addressed



Gap between research push and market pull



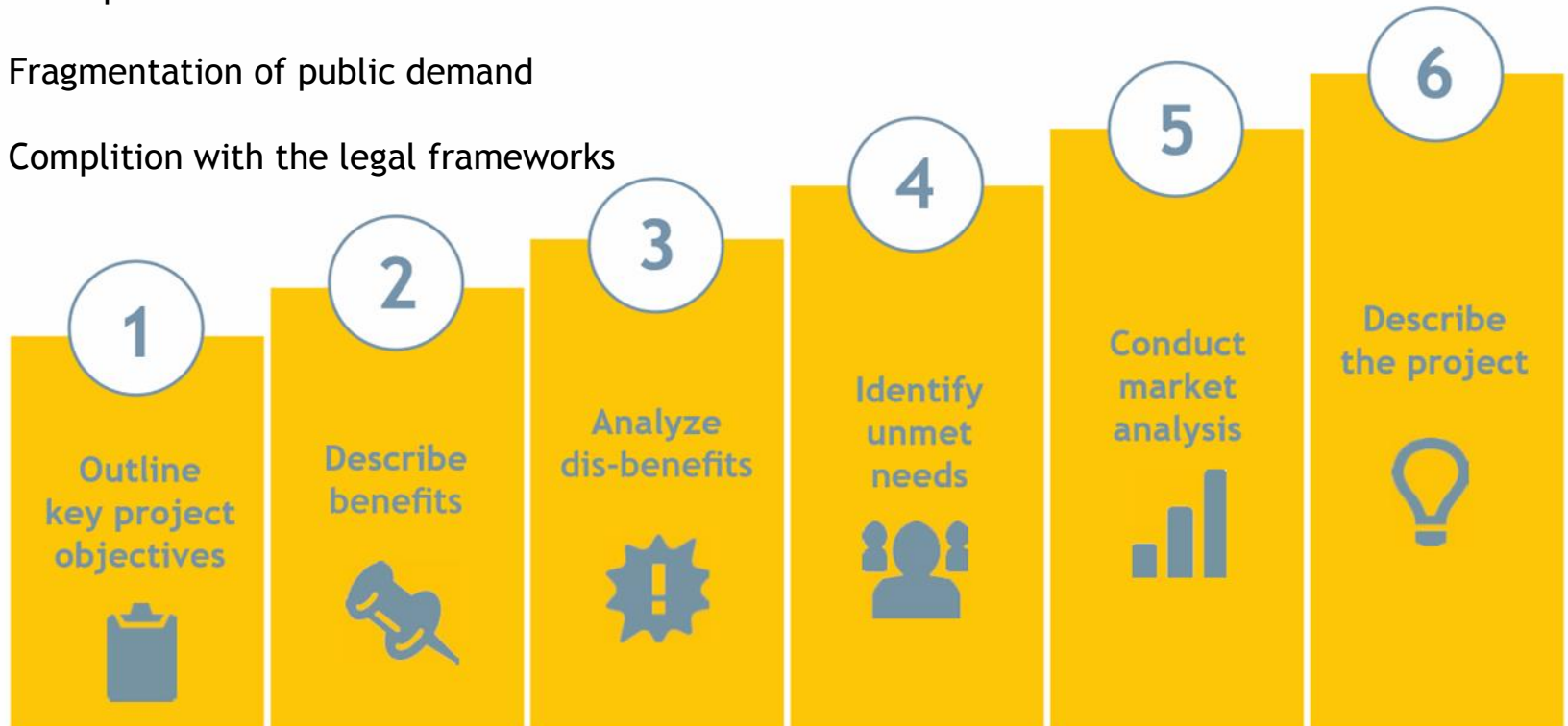
Non-optimised risk-benefit balance



Fragmentation of public demand



Competition with the legal frameworks



**6 STEPS FOR SUCCESSFUL PPI PROJECT DEFINITION**

# What and how is PPI2Innovate going to change?

Key change is: **to boost the usage of PPI in CE**

Core Target group: public procurers (local, regional and national public bodies, infrastructure or service providers)

Specific objectives:

- Development of transnational Smart PPI2Innovate Tool
- Facilitate sustainable Network of Competence Centres for PPI in CE
- Pilot 4 PPI projects to prove concept of PPI2Innovate Tools, Competence Centres capacities and to strengthen knowledge capacity inside all Centres





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# Smart PPI tools

 3 tools (smart ICT, Health, Energy)

 Customized to 6 national legal frameworks

 Available online and free in 6 languages (+ ENG soon)

 HU,  CZ,  SLO,  IT,  PL,  HR.

 [www.interreg-central.eu/PPI2Innovate](http://www.interreg-central.eu/PPI2Innovate)  
in “PUBLICATION” section

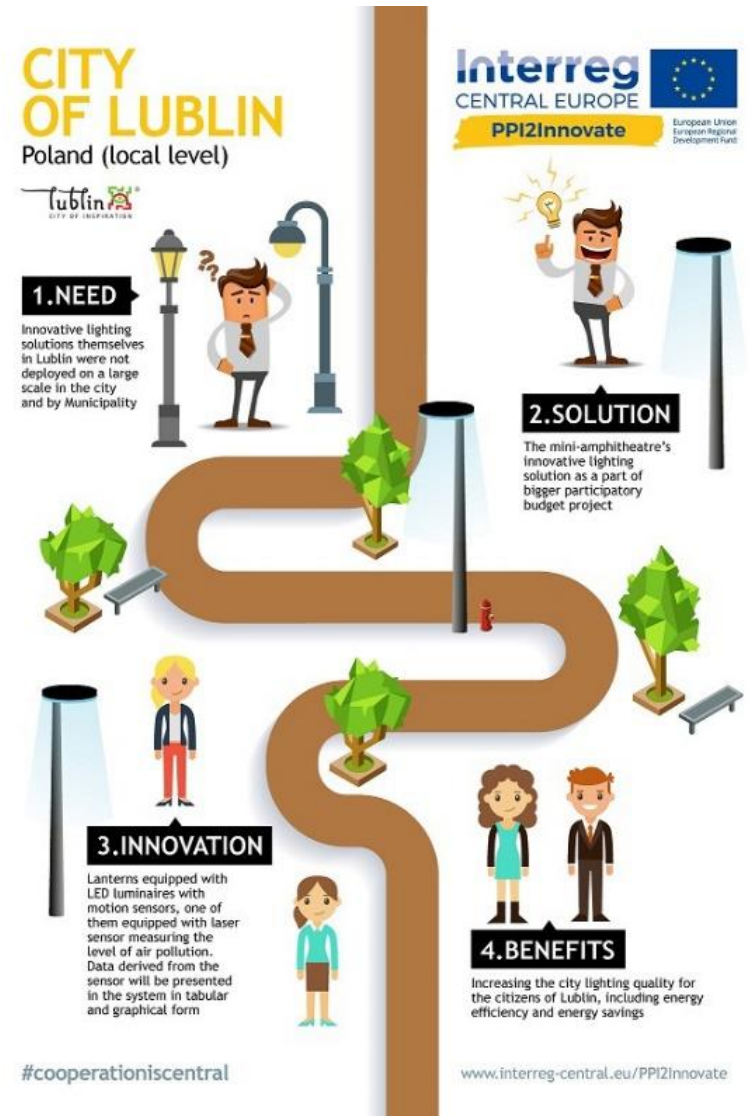


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# Energy tool

- ✓ Overview of framework conditions
  - ✓ EU level and national contexts
  - ✓ Practical examples on
    - ✓ Energy in mobility
    - ✓ Smart grids
    - ✓ Data handling
    - ✓ Public heating
    - ✓ Public lighting
- ✓ Detailed guidelines for public procurers on the implementation of PPI in energy
- ✓ Possible solutions for different territorial levels



- ✓ Lublin Municipality (PL)
- ✓ Topic: innovative street lighting
  - ✓ LED lamps
  - ✓ Motion sensor
  - ✓ Air quality sensor
- ✓ Community space development (city park)
- ✓ Expected outputs: LED saving 50%, motion sensor saving 80%, prompt information on air quality







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- ✓ Piemonte Region (IT)
- ✓ Topic: Energy solutions for buildings and glasshouses in Rea Botanical Garden
  - ✓ Electricity
  - ✓ Water
  - ✓ Heating
  - ✓ Security and safety
- ✓ Expected outputs:
  - ✓ significant cost reduction
  - ✓ Foster garden activities
  - ✓ Strengthen the liaisons between Region and Local communities





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- ✓ Supporting better public services
- ✓ Good way to accelerate local economy (ecosystem development along Quadruple Helix)
- ✓ Might increase the connection with community
- ✓ Consider in individual PPIs
  - ✓ Continuous cooperation is needed along the procurement is needed
  - ✓ Need identification is crucial
  - ✓ New team skills are needed
  - ✓ Preparation and selection of right procedure is important



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# Lessons for policy makers

- ✓ Good instrument for early adaptation and mindset change
- ✓ Weak integration to territorial policies
- ✓ Institutional framework should be strengthened
- ✓ Financial incentives should be developed
- ✓ Supporting networks are given (e.g. 6 PPI2Innovate Competence Centres)



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