

Creating policy instruments for the support of innovation procurement

- Puglia Case -

European Parliament, Bruxelles, 05/02/2020

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Outline

Strategy

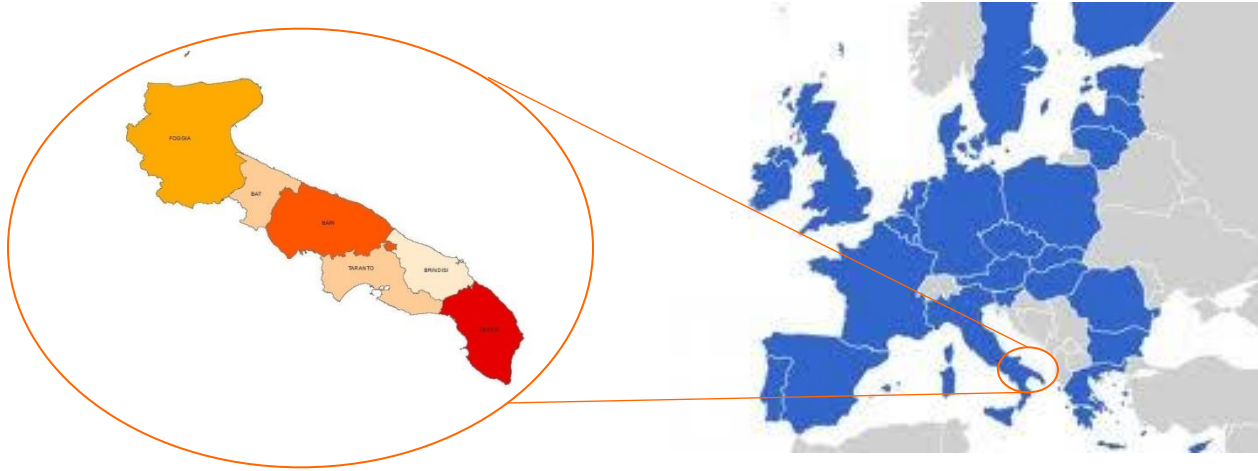
Open innovation

Instruments

Lessons learnt



Reference context

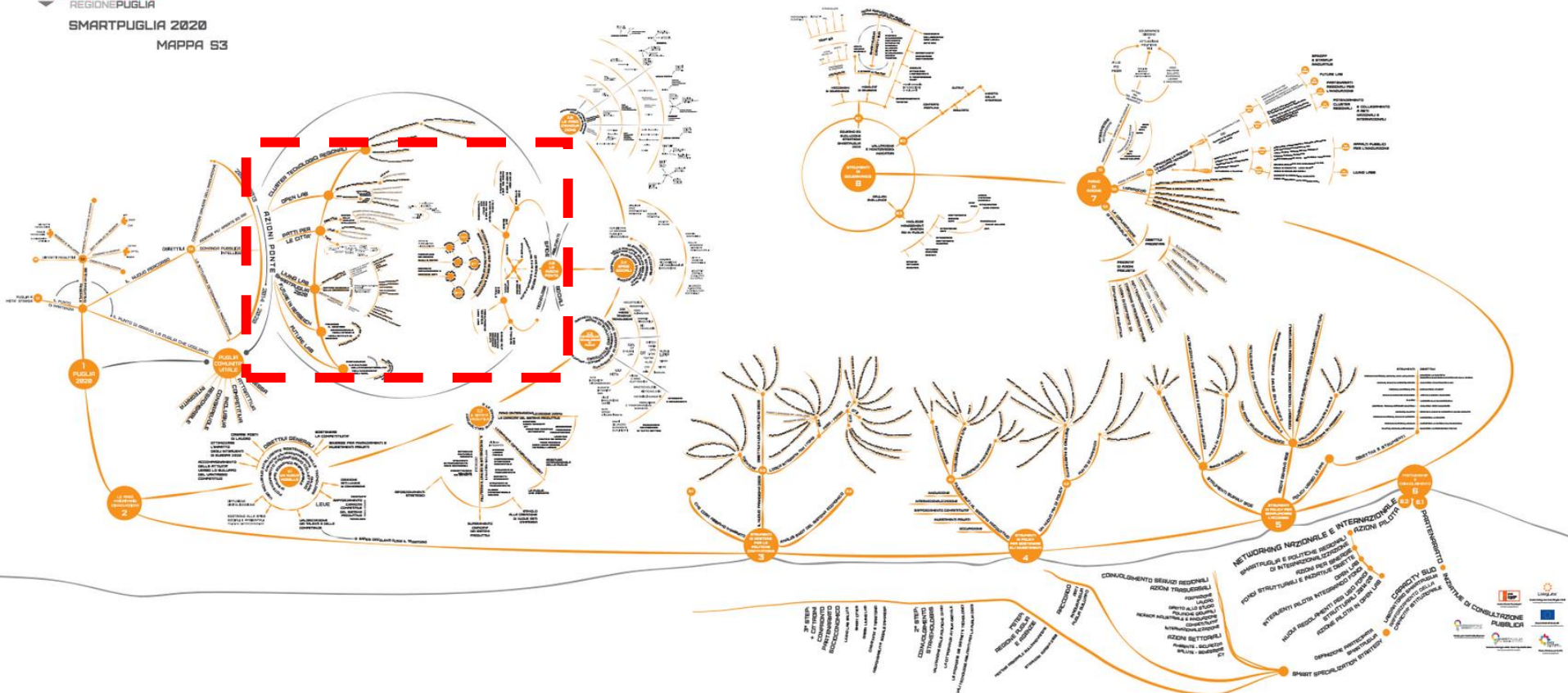


Policy maker governance : Apulia Region – Economic Development, Employment and Innovation Department, Research, Innovation and Capacity Building Service

Technical assistance : InnovaPuglia – In house company of Apulia Region, Research and Innovation Service



Smart Puglia 2020



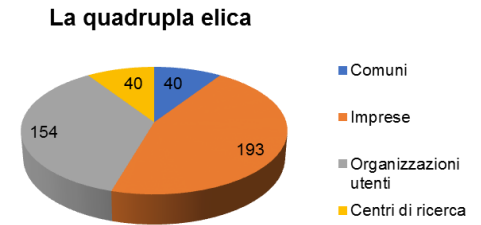
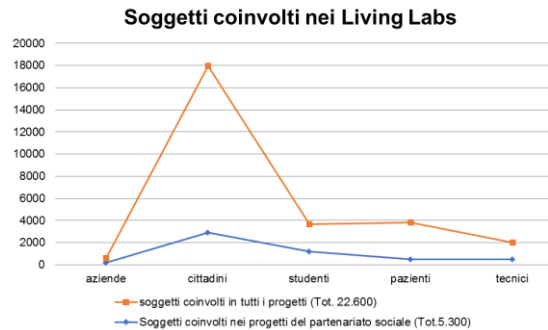
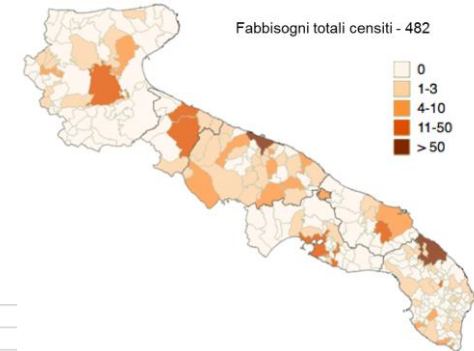
Open Innovation

- [...]
- Social challenges and co-creation process
- Public demand of innovation and innovation procurement instruments
- [...]

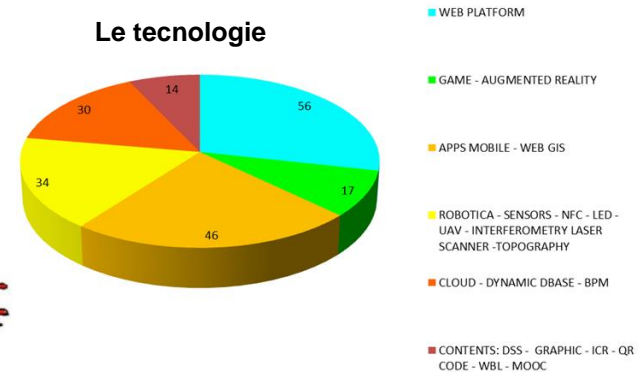


Instruments (co-creation)

- Industry-Research Partnerships
- Technological clusters
- Apulian ICT LL
- LivingLabs 2020
- InnoLabs
- InnoNetwork

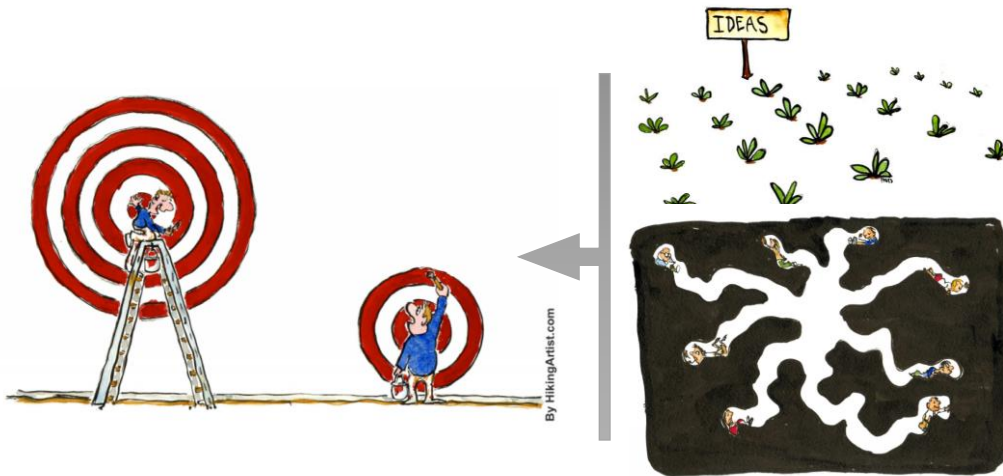
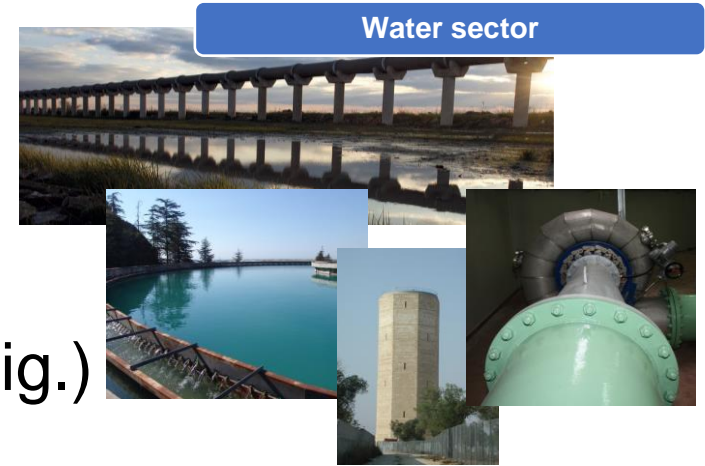


Le tecnologie



Instruments (innovation procurement)

- Pre-Commercial Public Procurement
- PCP on independent living
- PCP on sludge reduction
- PCP on water leakage
- PPI on telemedicine (under investig.)



Instruments (capacity building)

- HORIZON 2020 Programme
 - EURIPHI, Water PIPP, Demoware
- MED Programme
 - Interreg MED TALIA, Social & Creative Horizontal Project
- European Innovation Partnerships
 - EIP-AHA, RSCN Reference Site Community Network
- OECD Cooperation Agreement
 - “Pilot Action on Strategic Public Procurement“ initiative, European Commission, DG REGIO
- Agency for Digital Italy – Puglia, Framework Agreement
 - DPI2 - Public demand of innovation and deployment of supply model
- AgID-Italian Industries’ Association-Regions, MoU
 - Memorandum of Understanding on capacity building, promotion of new instruments and dissemination of results on innovation procurements



lessons learnt - strategy & methodology

Generating innovation through policies, needs strategy

Smart Puglia 2020 with social challenges: Sustainable cities and territories, Health, wellbeing and socio-cultural dynamics, Sustainable energy, Creative industries and culture, Food security and sustainable agriculture

Living Labs Projects, OpenLab programme, IP-Lab measure, Innonetwork & Innolab call for proposal

From a call for proposal with grant approach (Regulation 651/2014) to the innovative procurement model (Directive 2014/24/UE, Comm. 799-2007)

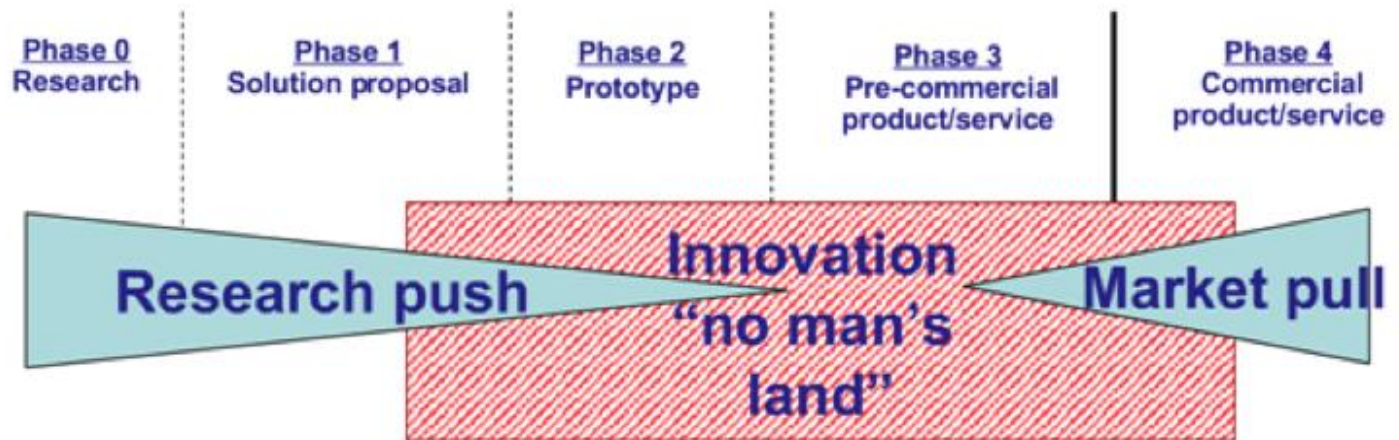


lessons learnt - strategy & methodology

Innovative Procurement can support the dead-valley area of new products & services development

the research has lost the initial driven appealing force

the prototype has no enough power to hit the market



lessons learnt - strategy & methodology

Relevance of an IIB - Institutional Innovation Broker

institution with the capacity and purpose to match nascent innovation with a need on the demand side

[...] part of the overall innovation life cycle

[...] driving force behind the innovation procurement

evidence in the *Commission Notice - C(2018) 3051*



lessons learnt - execution & procedure

Use of so called *soft low instruments* or *Innovation friendly tools* to mitigate risks

preliminary market consultation is a procedure that can help in measuring the distance between the requirements and the market.

multi stage procurement approach which allows prototyping only to the selected suppliers at the end of the previous phase and have at the end more than one solution

descriptive requirements give a chance to introduce functional specifications instead of technical specifications stimulating the market to bring forth an innovative solution

we also introduced in the tender documents the request of a business plan document of the supplier for a specific evaluation of the investment interest



lessons learnt - execution & procedure

Technical fiche used for needs definition

Functional requirements

Requirements for use

Requirements for field installation

Requirements for management

Requirements for maintenance

Requirements for homologation/certification

Experimentation context

Risk mitigation measures



lessons learnt - execution & procedure

Formal governance model

Joint Committees with economic operators: Four Joint Committees are set up with each of the selected economic operators. Each of the committees is composed of one staff member of Regione Puglia, InnovaPuglia, and Acquedotto Pugliese S.p.A., respectively.

Office for Contract Execution that acts in support to the Single Responsible for the Procurement Procedure (*Responsabile Unico del Procedimento – RUP*) by means of procurement experts RP (Procurement Services – Department for Integrated Purchasing) and InnovaPuglia (Research and Innovation Service)

Contract Validation Commission with experts from the Region of Puglia, InnovaPuglia, as well as Acquedotto Pugliese S.p.A. acting for the evaluation of the performance of the prototypes developed by economic operators and formally report on the testing results either via a dedicated report (positive assessment) or via communication to suppliers (negative assessment)





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- Servizio Ricerca e Innovazione



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Regione Puglia

Dipartimento Sviluppo Economico

- Sezione Ricerca Innovazione e Capacità istituzionale

