



# **Innovation by fostering participatory knowledge for supporting decision making**

Angelo Tosetti

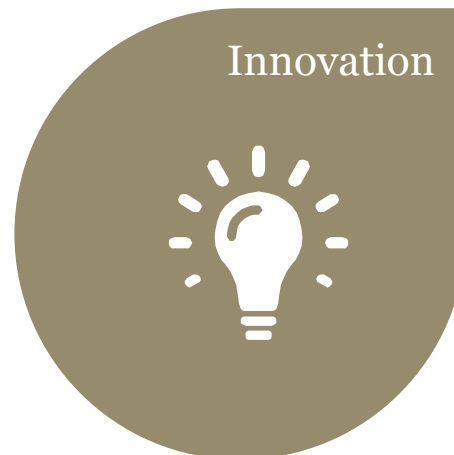
15 October 2015

# Agenda

- The European Commission context
- The ISA Programme
- Our goal
- Our actions
  - E-Participation
  - Big data
  - E-policy
- Q & A

# The EC context

- The use of digital technologies should become a **horizontal policy** [*Political guidelines for the next European Commission'* Jean-Claude Juncker ]
- Adoption by the Commission of the **Better Regulation** [COM(2015) 215 final]





# The ISA Programme

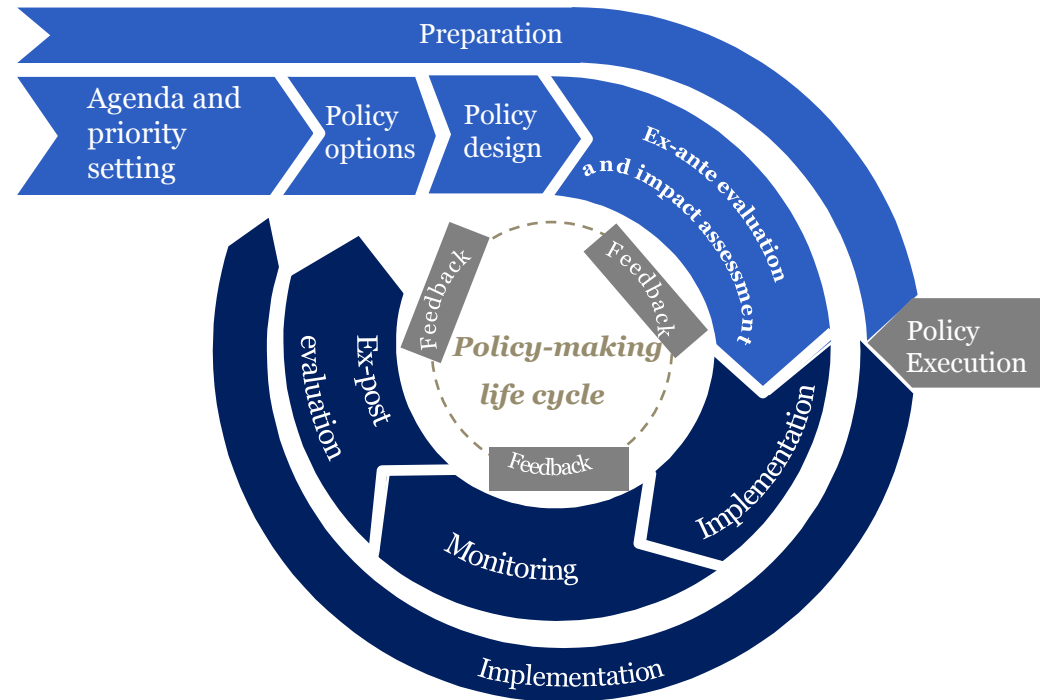
*Collaboration beyond e-borders and sectors*

- The ISA programme supports the development of **tools, services and frameworks** in the area of e-Government through more than 40 actions.
- New **ISA<sup>2</sup>** Programme has been approved, which will run from 2016-2020, with a budget of 131 M€.
- It will support the development of **interoperable digital solutions** which will be available to all **interested public administrations** on European, national and regional level, **free of charge**.

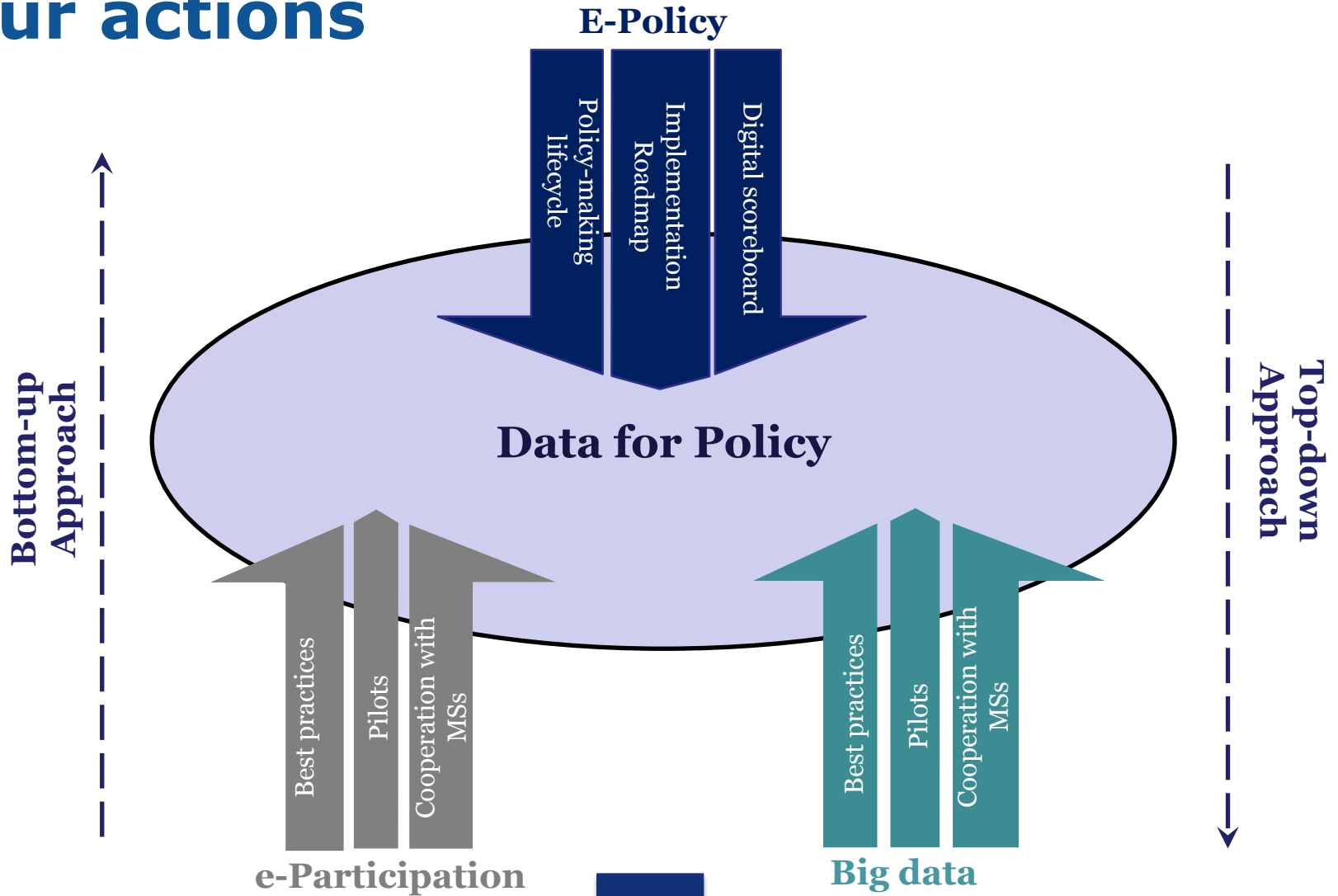
# Our goal

Introduce digital methods to support:

- How policy is made
- Stakeholders interaction with policy makers
- How policy is delivered



# Our actions



## e-Participation (ISA action 2.18)

*The main objective of this action is to consolidate and integrate existing reusable tools that allow the **electronic participation of stakeholders**, the analysis of the captured opinions and the discovery and generation of knowledge.*

### *Best practices*

#### **Software and needs**

- Identify what works and what does not work
- Insights on what data can be used for evidence-based policy-making
- Cooperate with Member States and identify synergies

- Cooperation with Latvia on generalisation of "Football" mobile application
- Futurium (DG CNECT)
- Public consultation
- DIGIT 01: ICT conference topics selection

### *Pilots*



European  
Commission

MAZINĀM  
SLOGU  
KOPĀ >

<http://mazaksslogs.gov.lv/futbols>



Futbols





## Big Data (Isa action 1.22)

*The main objectives of this action are to **identify concrete big data and open knowledge opportunities** and requirements in public administrations and in specific policy contexts, and to **promote cooperation with policy DGs and the MSs** in order to accelerate the **data driven transformation**.*

### *Best practices*

#### **Software and needs**

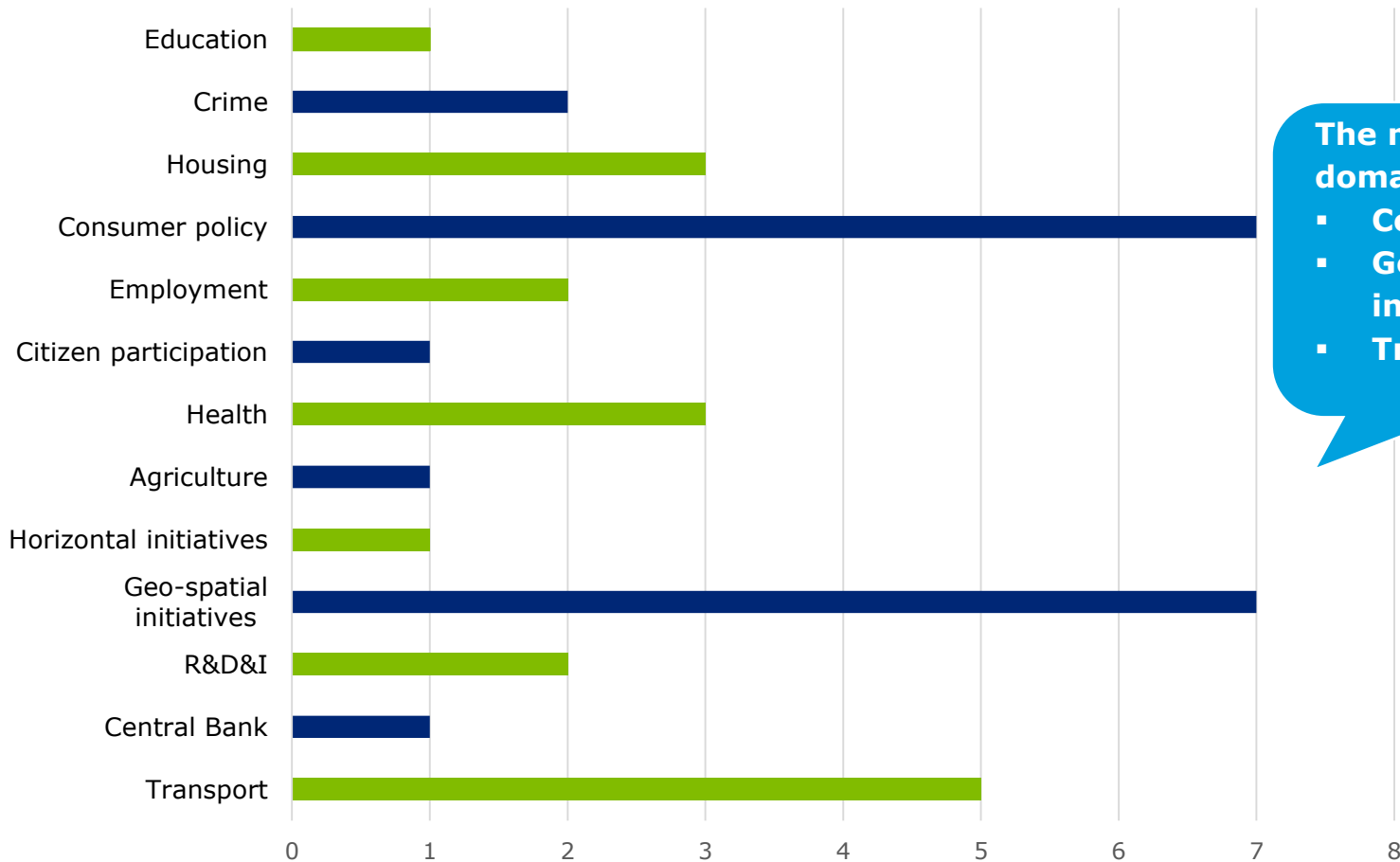
- Identify what works and what does not work
- Insights on what data can be used for evidence-based policy-making
- Cooperate with Member States and identify synergies

- DG RTD: Text mining of scientific papers
- DG CNECT: ICT vacancies
- DEVCO: Briefings
- Cooperation with National Statistical Offices

### *Pilots*

# Overview of the most interesting cases per domain

Number of cases per domain



The most successful domains so far are:

- Consumer policy
- Geo Spatial initiatives
- Transport



European Commission



# Scientific Papers text mining PoC

## DIGIT - BIG DATA PoC RTD - Health Papers

RTD - PoC > ANALYSIS > Temporal discovery



HOME DATA ANALYSIS ABOUT

Filters

Temporal discovery | Research Analysis | Term Analysis | FCA

Download analysis results as CSV **CSV**

Brief description about the temporal discovery analysis and how to use and read the chart that shows the information.

- Health category
  - All
  - Blood
  - Cancer**
  - Cardiovascular
  - Congenital
  - Ear
  - Eye
  - Infection
  - Inflammatory
  - Injuries
  - Mental Health
  - Metabolic
  - Musculoskeletal
  - Neurological**
  - Oral & Gastro
  - Renal
  - Reproduction
  - Respiratory
  - Skin
  - Stroke
  - Generic
  - Other
- Research Activity

Advanced search

## DIGIT - BIG DATA PoC RTD - Health Papers

RTD - PoC > ANALYSIS > Research Analysis

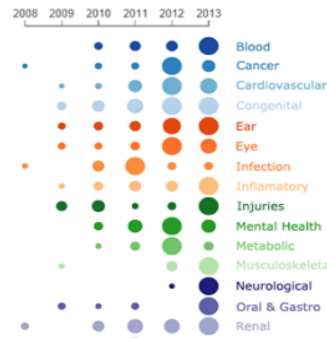
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Advanced search

Temporal discovery

Research Analysis

# E-Policy



**Policy-making lifecycle**

Identify where in the policy-making lifecycle digital methods and tools can help

**Digital Scoreboard**



Assess existing and potential digital methods and tools so as to promote the sharing and reuse of digital methods and tools



**Business Case**

Select most valuable business case

**Implementation  
Roadmap**



Develop implementation roadmap



## Legislation Transposition Analysis PoC

- The objective is to automate the manual checks performed by DG GROW (e.g. check of dates, deadlines, keywords) when analysing the transposition of the European directives by the Member States.
- The pilot will start with the analysis of the transposition of 2 directives, in order to evaluate its feasibility for a large-scale adoption.



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Commission

# Q & A