



# Self-assessment of e-Infrastructures projects efficiency

## The Erinaplus approach

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Brussels, 0.5.2015



10th e-Infrastructures Concertation  
meeting

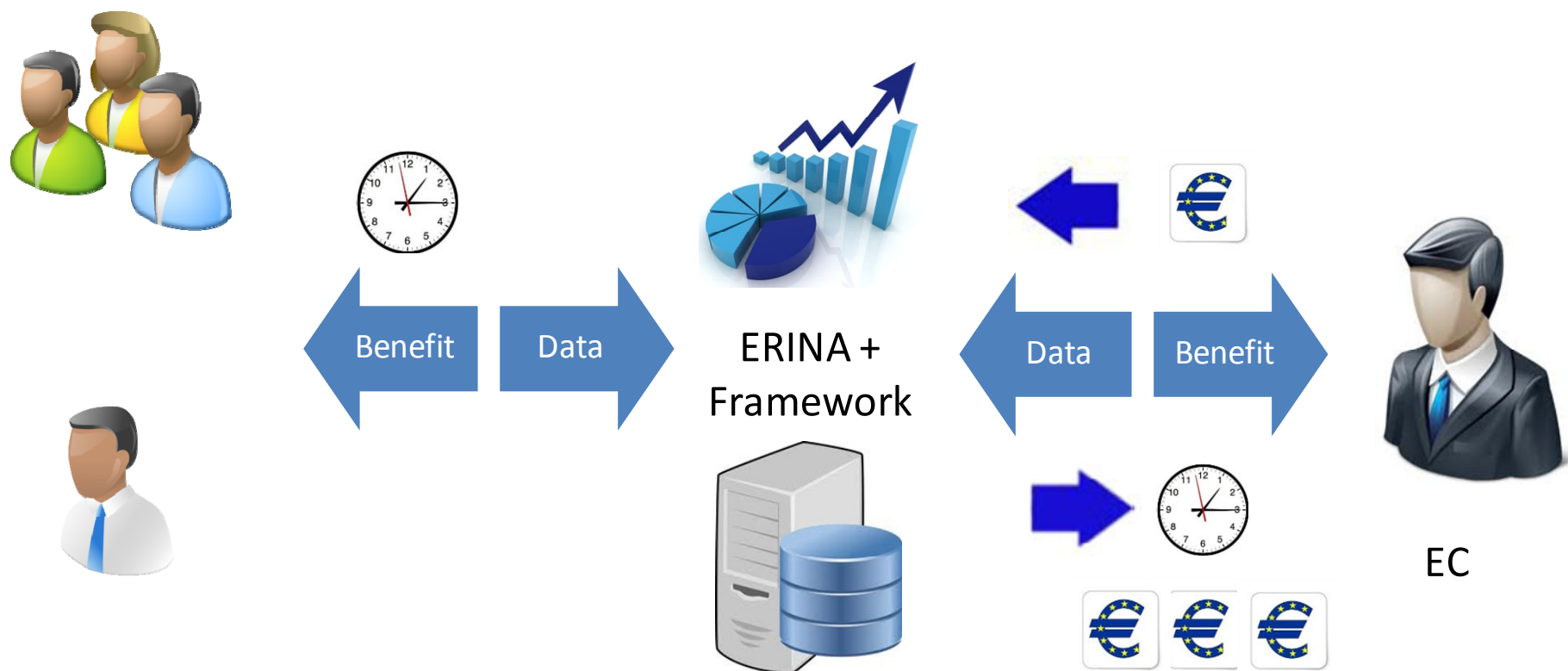


# Drivers and barriers

- Societal and world challenges require a strict **spending review** of EC budget
- Funding bodies need to understand **how/where to invest** each single Euro
- However:
  - E-Infrastructures ecosystem is based on **short term projects** and people are bound to the short term of the **project success**
  - Projects evaluated through **ex-post qualitative review**
  - **Temporal scale of the expected impact** span well beyond the project lifetime and is strictly related to sustainability



# The ERINA+ challenge

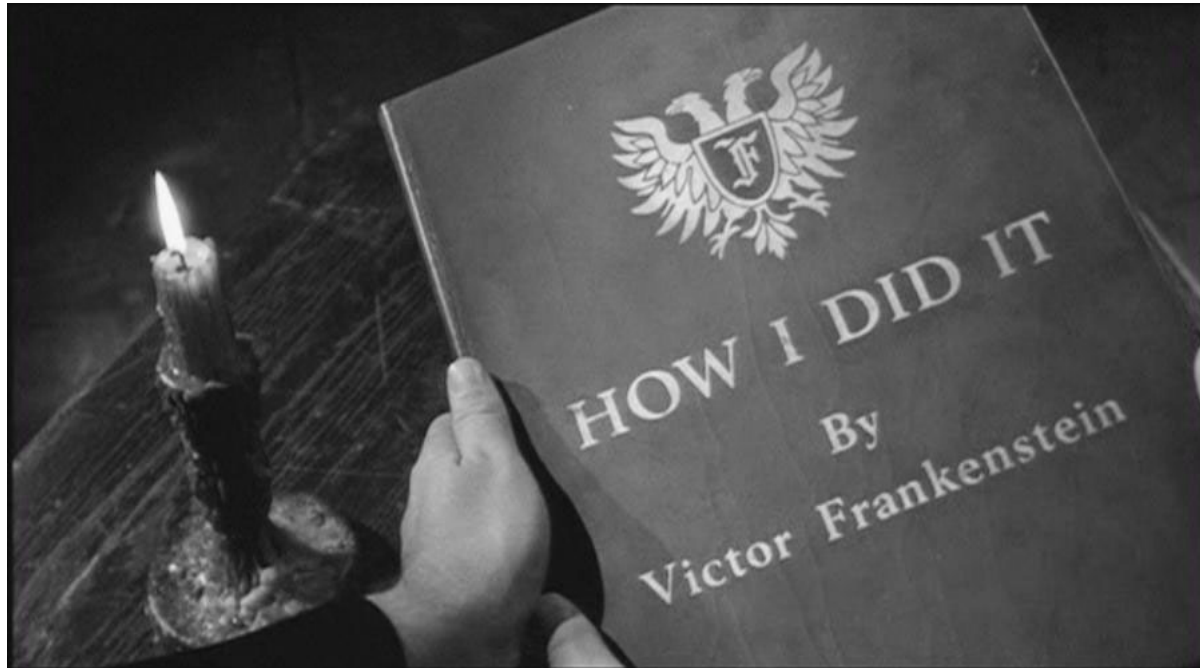


Brussels, 6.3.2013

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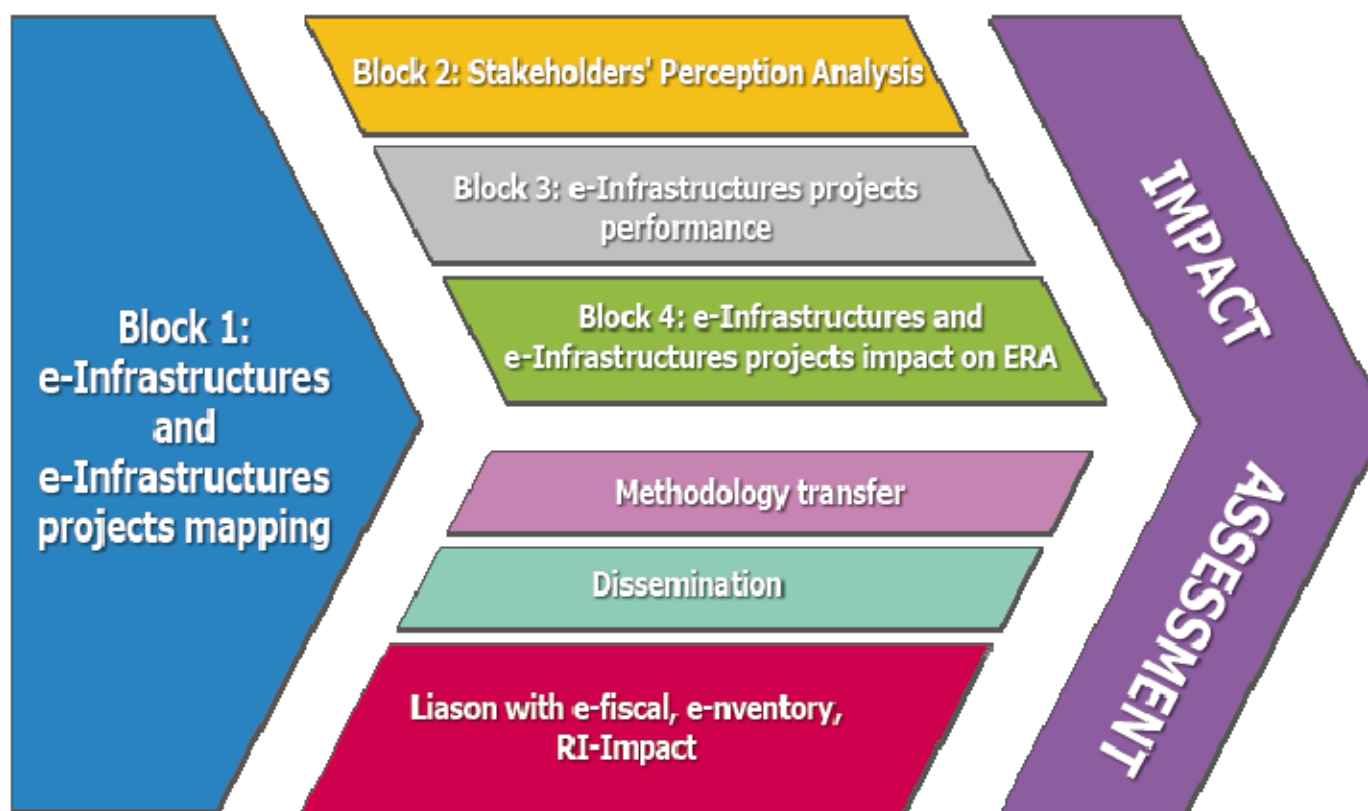
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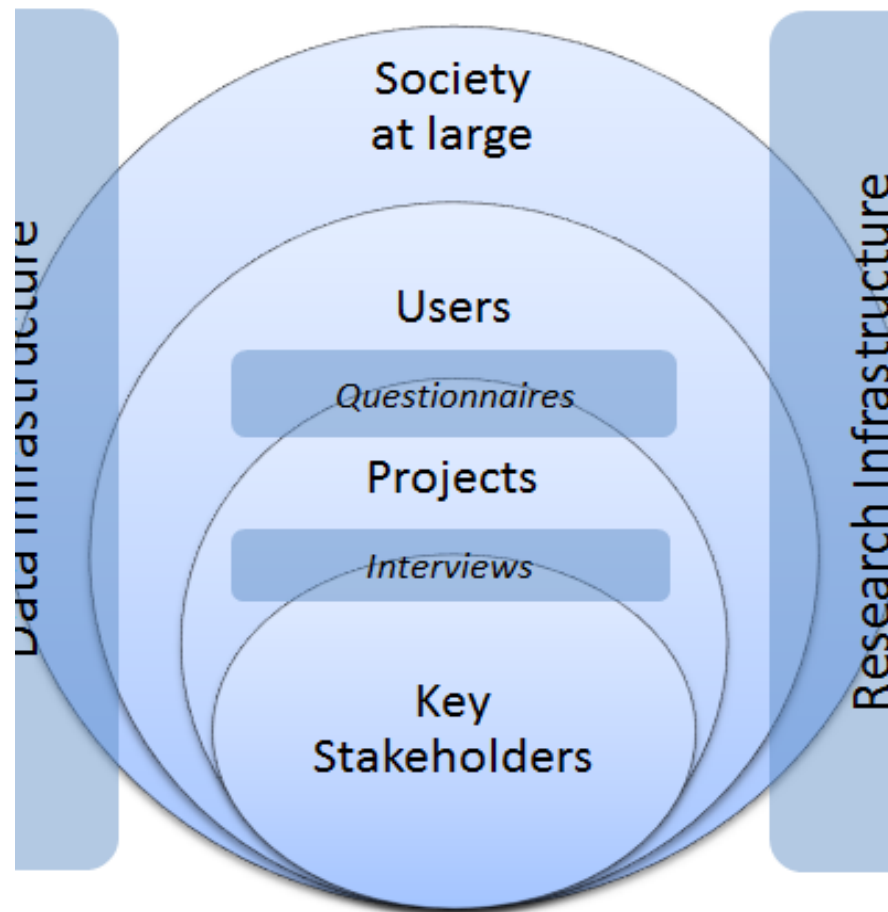


Engaging projects and users  
Methodology and tools

# ERINA+ Building Blocks



# Stakeholder Perception Analysis





# Aggregated Project Economic Assessment Analysis

	Mean	Min	Max	St.Dev.	Median
ENPV	€ 86.314.779,55	-€ 5.027.380,00	€ 1.197.930.000,00	€ 275.361.505,14	€ 1.332.950,00
B/C	11,58	1,02	54,39	15,84	4,59
ENPV*	-€ 14.708.316,32	-€ 334.000.000,00	€ 94.323.200,00	€ 80.862.465,07	-€ 2.765.440,00
B/C*	2,02	0	26,54	6,48	0
WtP/C*	0,86	0,00	2,11	0,74	0,94

Update 21<sup>st</sup> February 2013

Brussels, 6.3.2013

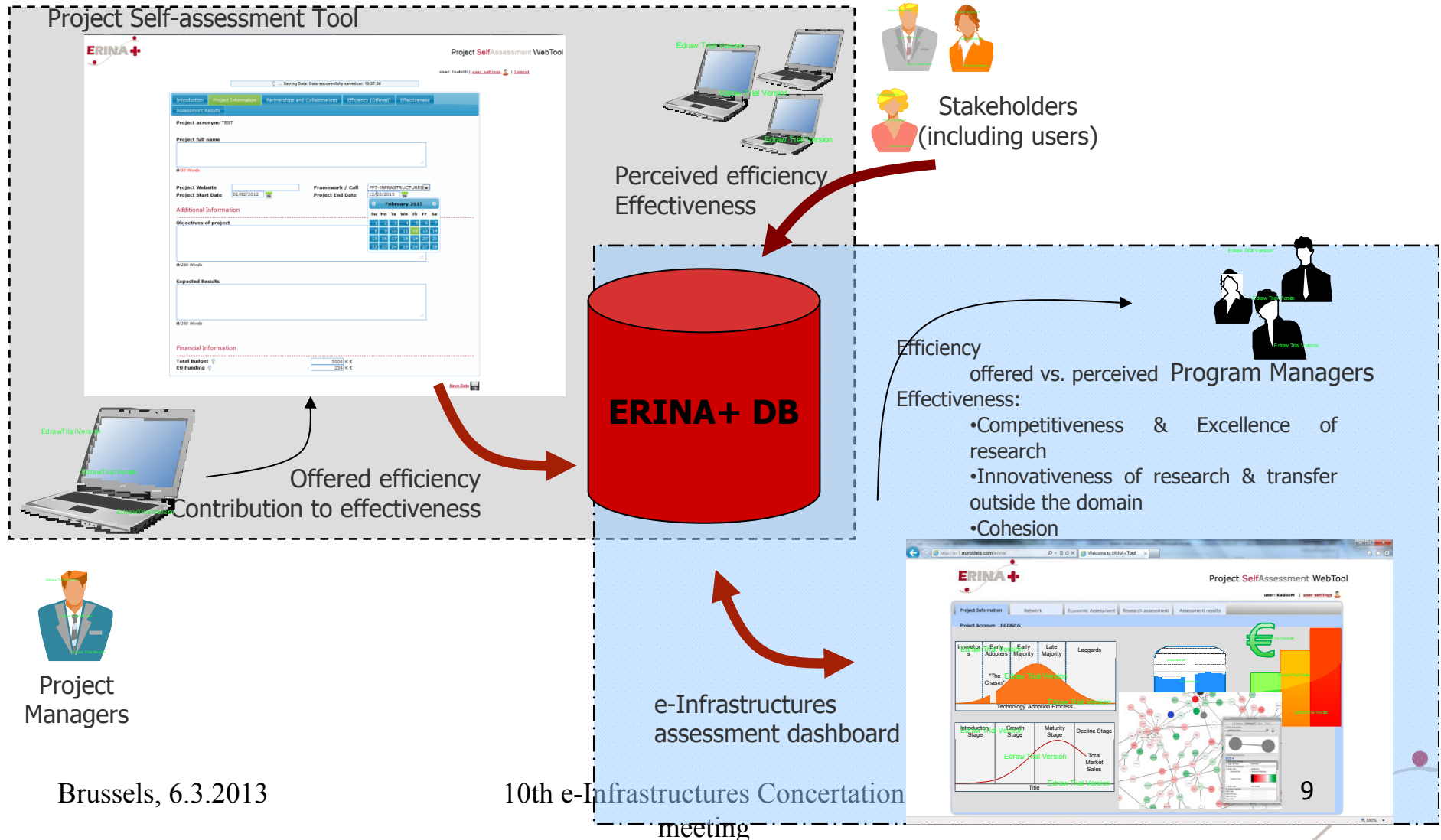
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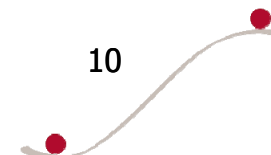
# The ERINA+ Platform





# Lessons Learned (project perspective)

- If project can **include impact assessment in their DoW**, most of the barriers could be overcome
- **Learning curve** is not an issue (a matter of days/weeks, as any other impact assessment methodology)
- **Usability of tools** can always be improved, however **complexity in data collection** depend on the project size, inner complexity and readiness





# Lessons Learned

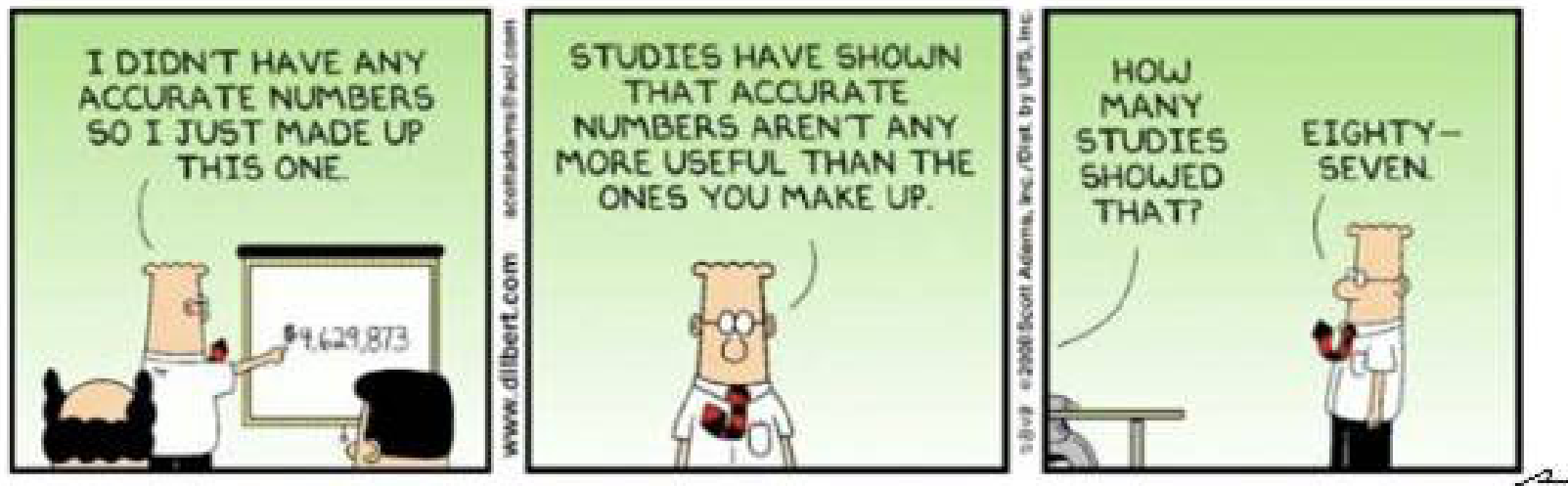
## (program mgmt perspective)

- Projects are not proxy of e-Infrastructures, a **sound definition** of what's an e-infrastructure is welcome to solve inconsistencies
- Projects and EC need to carefully address **how impact data is used**
- Program **impact indicators may vary** during the Framework Program. A sound approach to this evolving context should be addressed.



# Putting theory into practice...

- All the **results are publicly available (eg.EPIRIA)**
  - Methodology is released under CC,
  - Web-tool and Dashboard code is open source,
  - Erina+ platform will be available at ENG premises one year more
- EC should invite **all FP7 project to access the tool** and insert data, even after some years from complexation, Projects need to stress engagement with users
- A **long run exercise** (IT service for data collection) should be considered in H2020



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