

APIs4DGov study

Digital Government APIs, the road to value-added open API-driven services

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Joint Research Centre

The European Commission's science and knowledge service



The JRC and the B6 Digital Economy Unit

The **Joint Research Centre (JRC)**

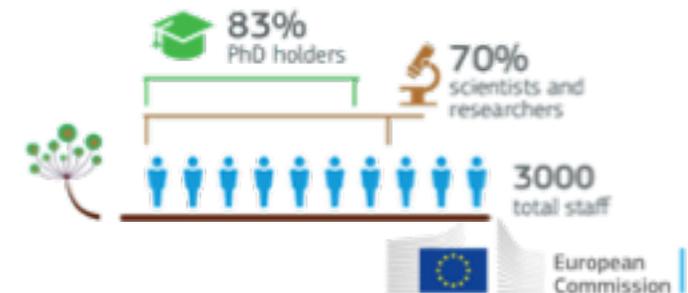
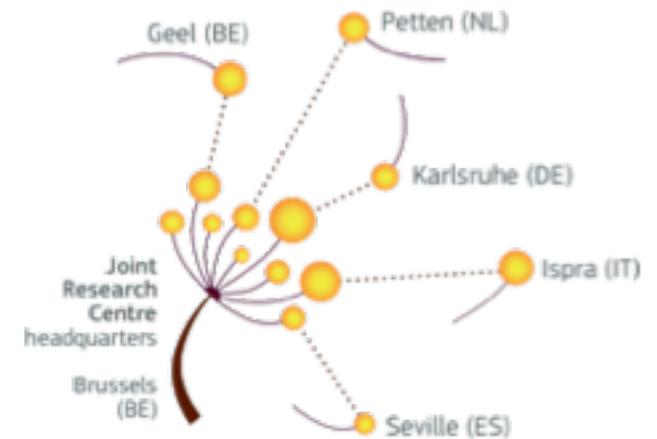
- **European Commission's** science and knowledge service carrying out research to provide independent scientific advice and support to EU policy

The JRC **B6 Digital Economy Unit**

- Investigate how the on-going digital revolution and ICTs are affecting the economy and the digital transformation of Governments

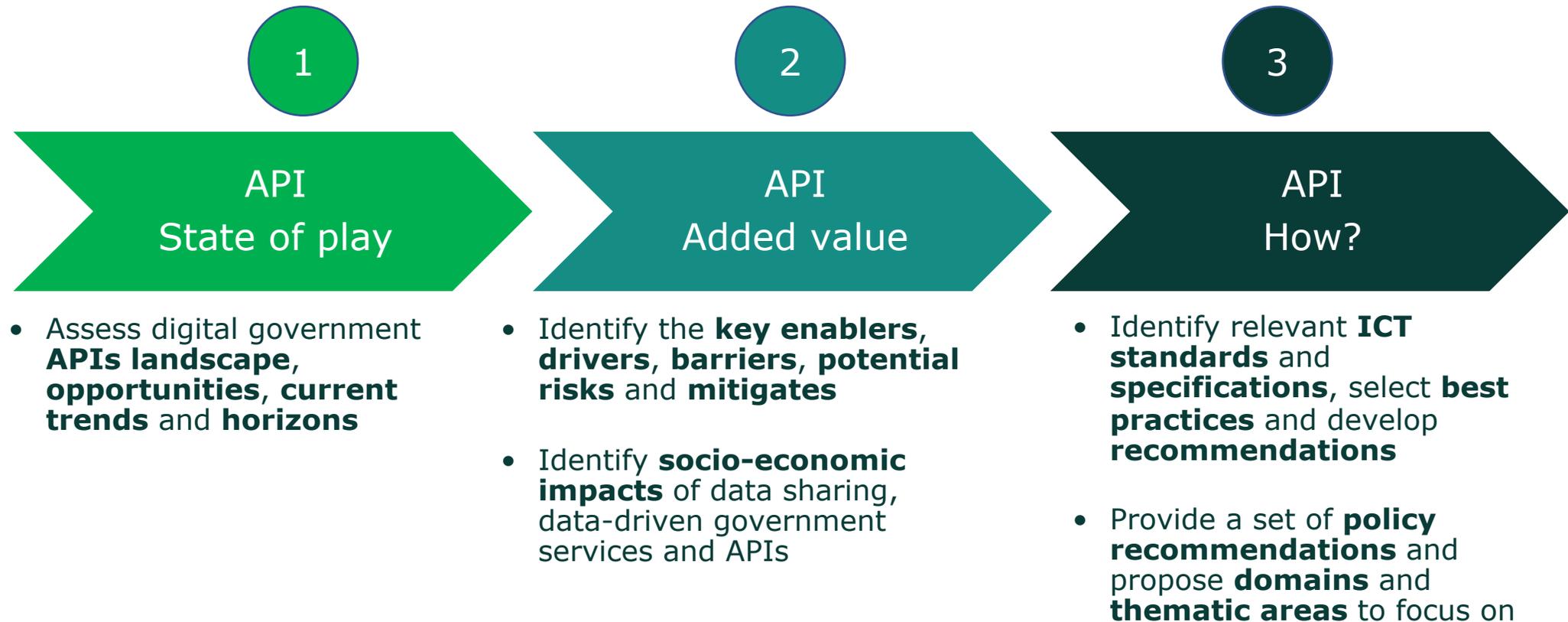
The **APIs4DGov** study

- In collaboration with DG CNECT, a **2 years study** that gather evidences to support the evaluation of EU-policy requirements related to APIs (e.g. for the adoption of the recent PSI revision)



APIs4DGov Study

- *Why governments should invest resources in setting up an API ecosystem?*
- *Which government actions should be taken in developing government APIs?*



Our research is based on many sources

- API cases
- API communities
- API standards
- API best practices
- The added value of API



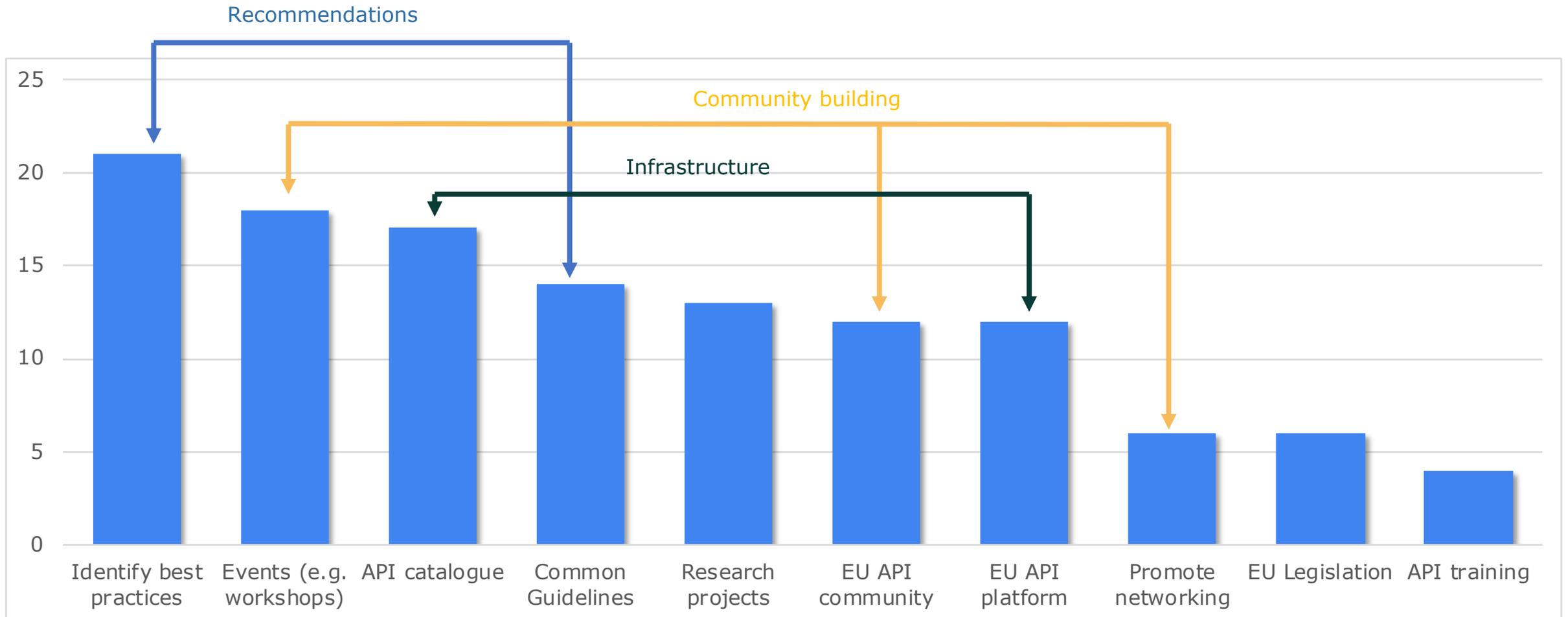
- Case studies
- API strategies
- Expert knowledge on specific fields:
 - Technologies (IoT, Big Data, AI)
 - Digital Government,
 - API in the private sector

- Costs and Benefits
- Drivers
- Enablers
- Risks
- Barriers
- Socio-economic impact

- Comparison of EU experiences
- Learning from each other
- Community building
- Public meets private

(Source: ICT Impact Assessment Guidelines, ISA² Program).

EC support to API strategies



Goals of this workshop

- Our research
 - To **validate our research** into the current level of use of best practices and standards when designing government APIs
 - To **identify pain points** and key barriers to implementing API best practices suited for government
 - To **understand priorities** for action amongst government API implementers and key stakeholders
 - To **test assumptions around potential recommendations** for our research...
- ...and **to inspire and encourage you to act towards a shared and solid way to adopt APIs for governments**
- the report will have an **impact to policy** makers at EU level

Agenda

- 13:00 Intro and welcome by Mehdi Medjaoui
- 14:00 Common activity on API strategies: Feelings (all)
- 14:15 Presentation of top findings/recommendations
- 14:45 Break*
- 15:10 Tables activity: Facts
- 15:30 Tables activity: Obstacles
- 15:50 Tables activity: Benefits
- 16:10 Tables activity: New thinking
- 16:30 Summary from the tables
- 16:45 Finish Up – next steps
- 17:00 Closing

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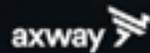
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APIs are eating the world

Helsinki

4,5 June

Barcelona

12,13 September

Paris

10,11 December

**And contribute to
our survey!**



“We’re not going to specify all the details of how you interoperate; we’re just going to say, ‘Please do it’”

Tim O’Reilly, Government as a Platform section of [11]



Thanks a lot for your attention!

Questions?

Contact us at: jrc-apis4dgov@ec.europa.eu