

Agenda

- Workshop framing – Marta
- NGI – Mirko
- Funding Box – Sanyu
- Hotseat...
- Funding Instruments – Mirko/Marta
- Workshop: EU Moonshot Instrument



Next Generation Internet

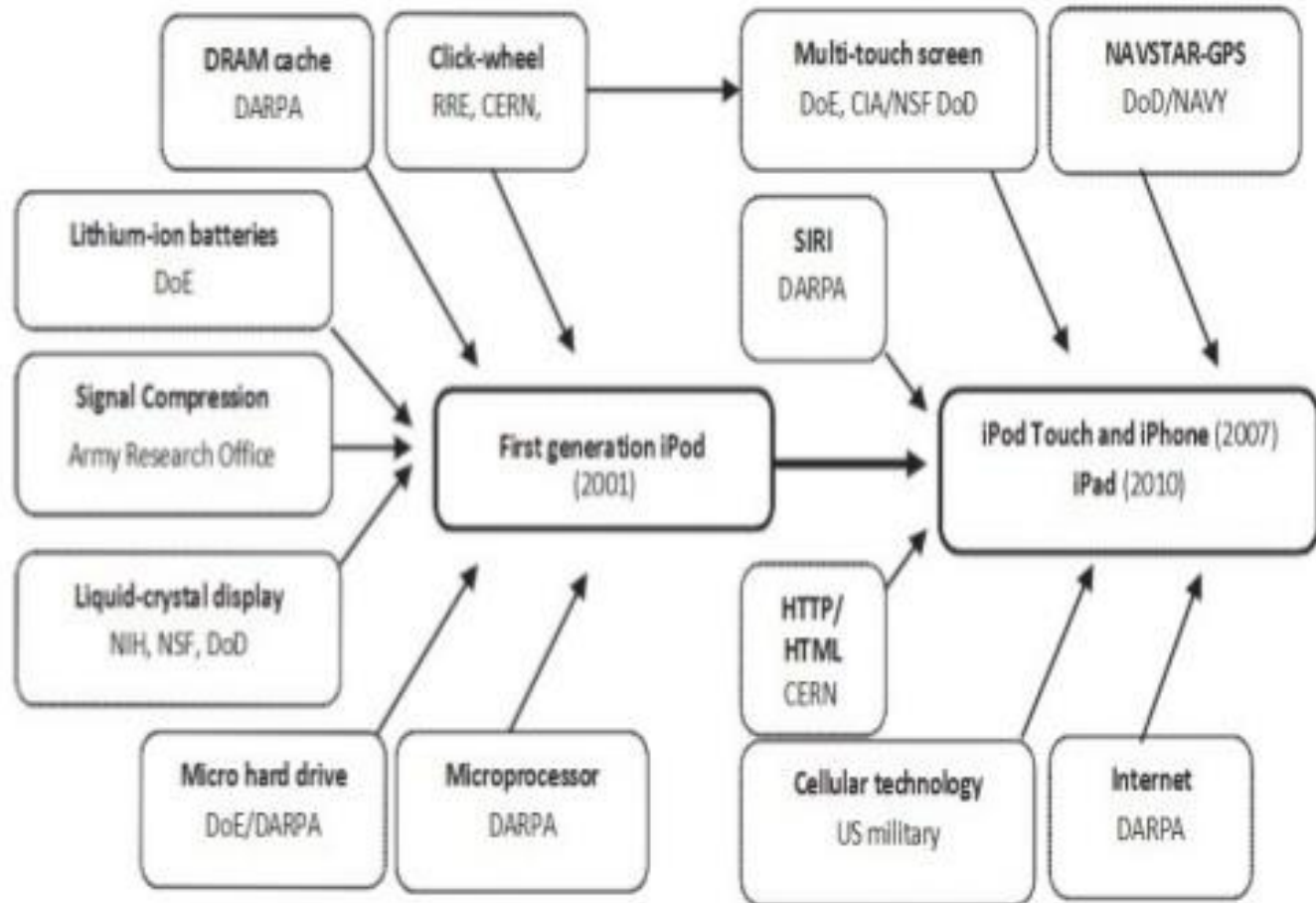
Research at the crucible of developments: Can NGI lead EU moonshots?

Marta Arniani
Futuribile.org



Support from the European Commission's Horizon 2020 Research and Innovation Programme, under Grant Agreement no. 780125 is gratefully acknowledged

What makes the iPhone so 'smart'?



source: Mazzucato (2013), p. 109, Fig. 13

Mission-Oriented Innovation



China leads the AI race with moonshots



Private companies specialise in moonshots



Project Loon
Balloon-Powered
Internet for Everyone


We are not a totalitarian state nor a private company...

- What is an ambitious enough moonshot?
- How to ensure efficiency at all levels?
- How to generate societal impact and relevance?
- Balance between centralisation and decentralisation?



Next Generation Internet

What is it?

Mirko Presser
Associate Professor, Deputy Centre Director
Centre for Business Development
 @mirkopresser
mirko.presser@btech.au.dk



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NGI offering

- @NGI4EU
- NGI.EU
 - Newsletter
 - Consultation Platform
 - NGI MAP
 - NGI Awards
 - Events, e.g. NGI Forum
- ICT-24 2019/2020
- ICT-24 2018 open calls



ngi.eu



consultation.ngi.eu



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NEXT
GENERATION
INTERNET

NGI Awards

awards.ngi.eu

NGI
AWARDS
2019

[NGI Awards](#) [Timeline & Jury](#) [Categories](#) [Sponsorship](#) [Next Generation Internet](#)

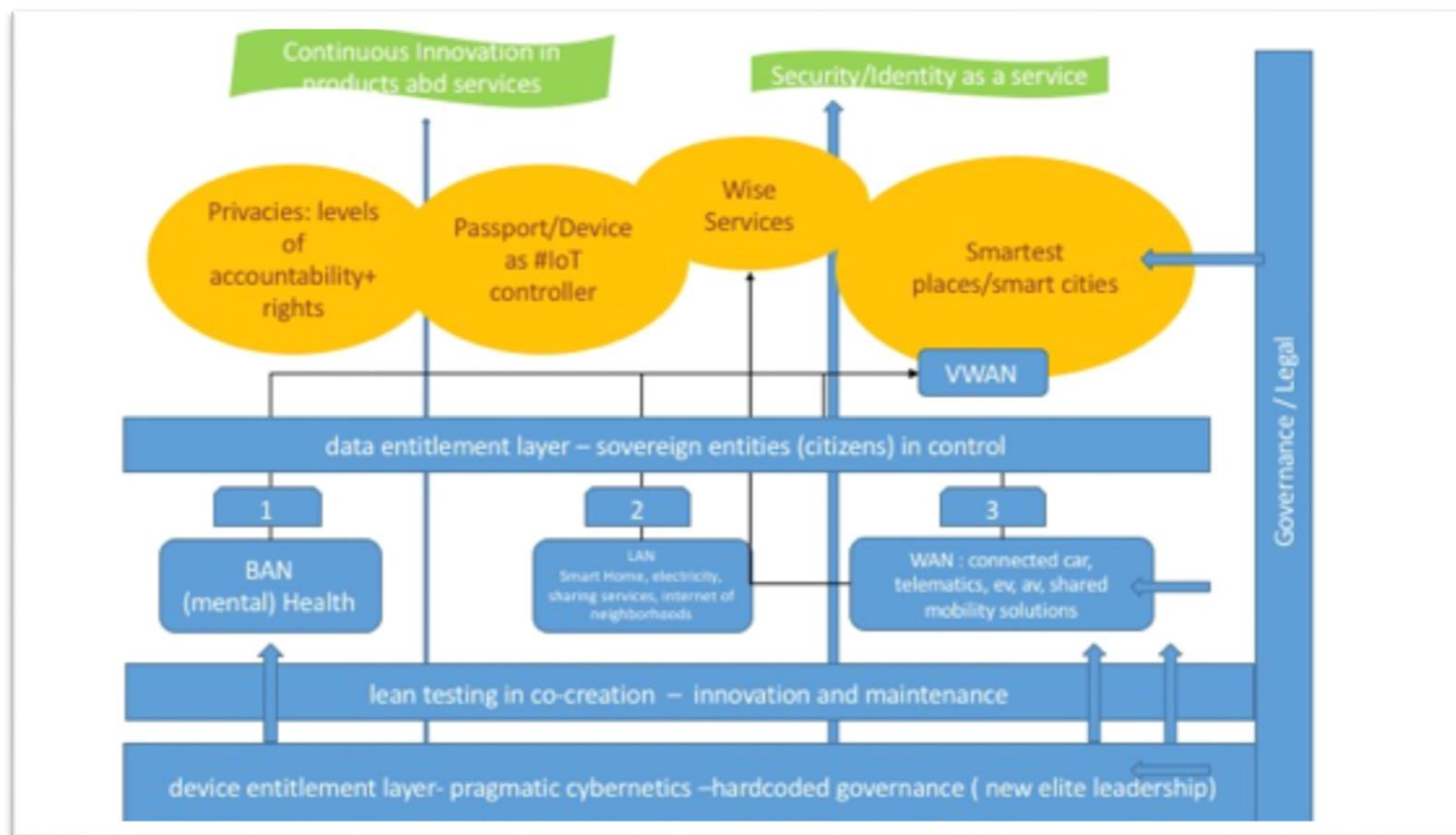
PROMOTE YOUR
EXCELLENCE IN
NEXT GENERATION
INTERNET



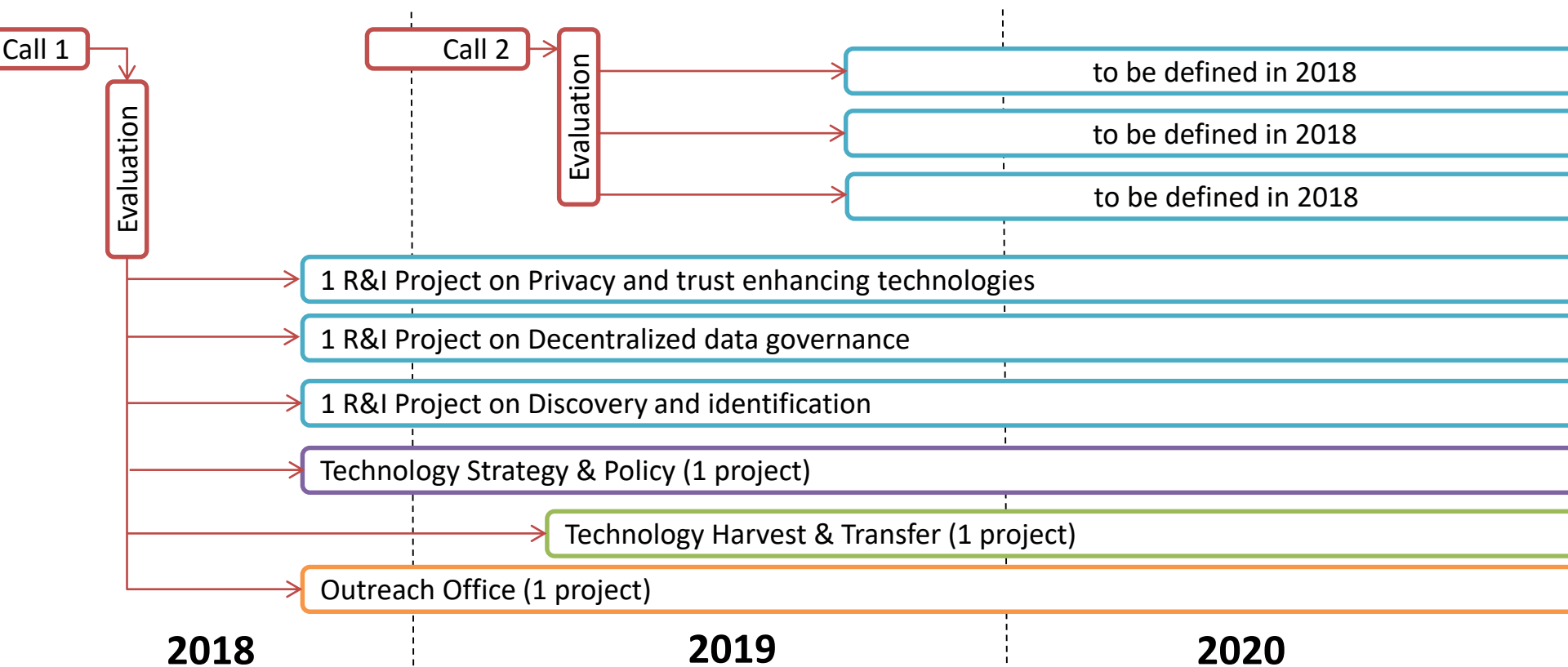
Next Generation Internet

- If data is the new oil you have to own the data from your people, processes and machines.
- NGI: operationalising a set of coherent centralised protocols in a fully permission less way
- The trick is to do extreme centralization on hardware, infrastructure, spectrum and security and extreme decentralization on services at the same time.

A Vision for the NGI



Timelines



Some of the topics...

We need to rebuild and rethink...

- I. A Sustainable Internet
- II. Decentralising Power
- III. Internet and Data Sovereignty
- IV. Ethical AI and ML
- V. A Safe, Accessible and Diverse Internet
- VI. Trustworthy Online Media and Information Ecosystems
- VII. Online Identities and Trust
- VIII. The Right to Opt out and Self-Govern
- IX. Cyber-security and Resilience

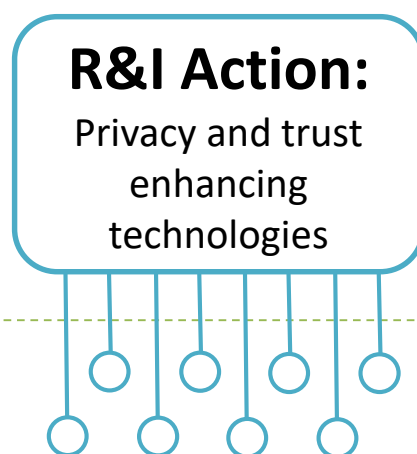
Resilient.

Trustworthy.

Sustainable.

Subgranting Mechanism

Project submitted to EC call:
Euro 7-7.5 mil, 2-3 years,
80% for sub-grantee
Pan European
Procedures adapted to stakeholders
Run by organisations in the ecosystem



Activities include inter-alia:

- Call for & selection of top-teams
- Monitoring
- Mentoring, Coaching, Sharing
- Communications
- Community building


Sub-grantee:

- One legal entity with one specific project
- **Young researchers from outstanding academics, hi-tech startups and SMEs**
- Carry out the R&I work
- 50.000 – 200.000 Euro, 9 – 12 month



Next Generation Internet Workshop

Research at the crucible of development

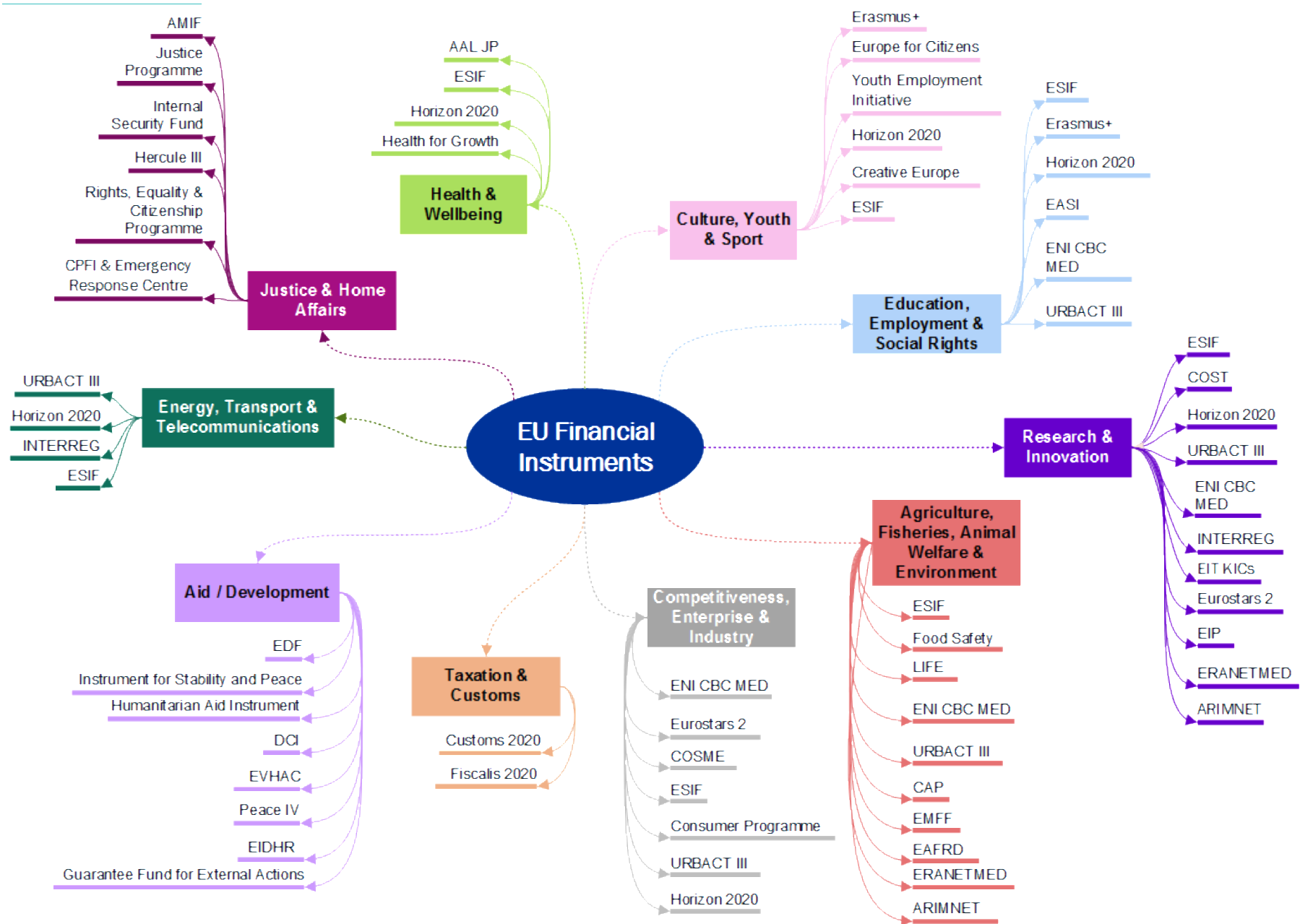
Mirko Presser
Associate Professor, Deputy Centre Director
Centre for Business Development
 @mirkopresser
mirko.presser@btech.au.dk



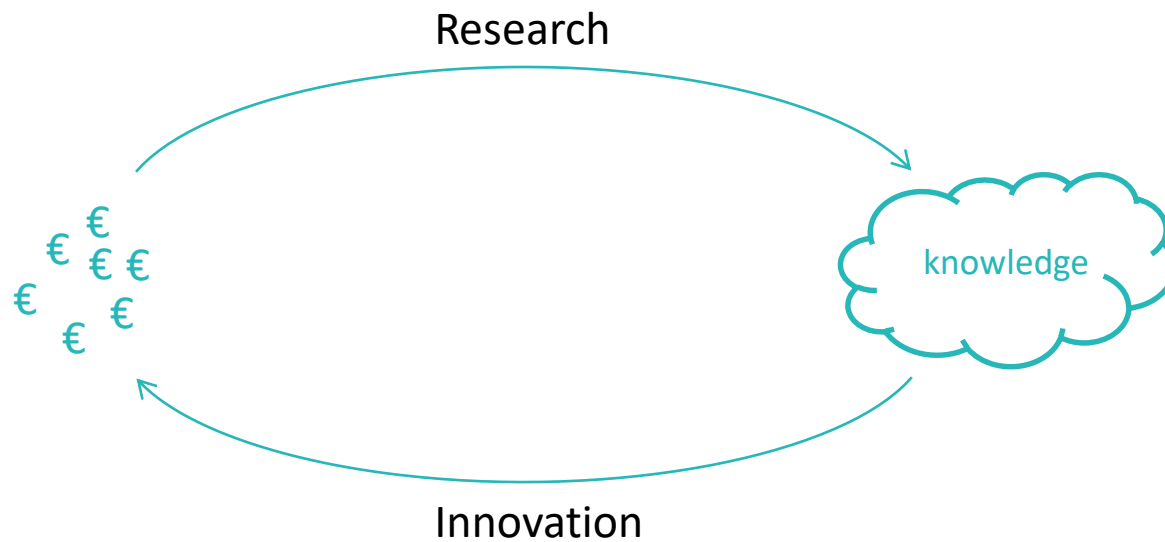
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How to get Funding...

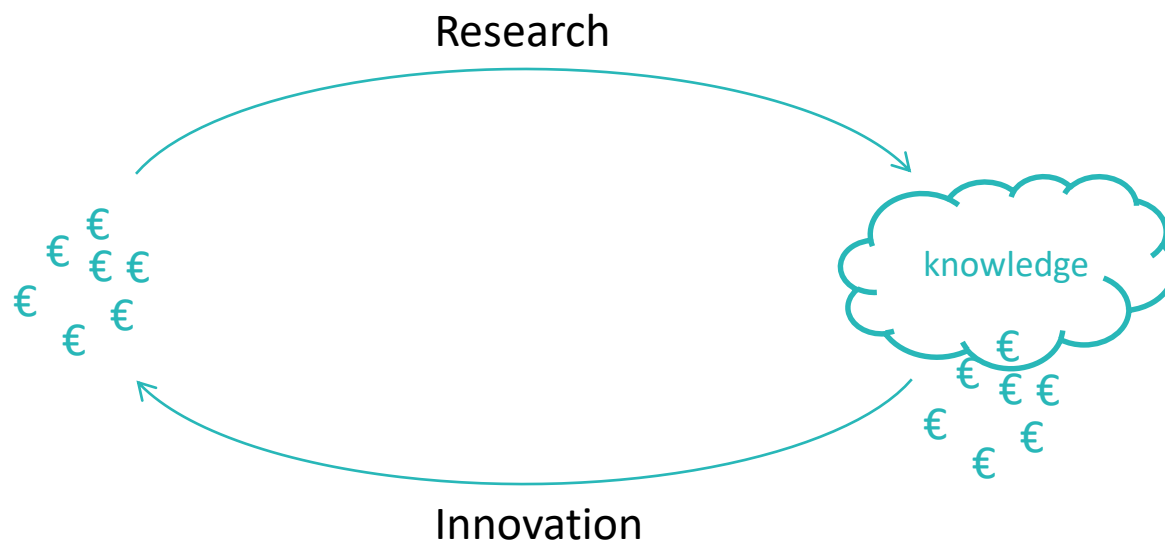
- About **80% of EU funding is granted through programmes managed in the EU countries themselves**. Where the European Commission directly manages funding, it does so by awarding grants, launching tendering procedures, etc. ...
- The European Commission helps **fund projects and organisations which contribute to the implementation of EU programmes and policies**. It grants funding through calls for proposals and projects.
- To get funding for your project, you will need to **identify a relevant call for proposals/projects and carefully follow the specific guidelines on how to apply – each call is unique**. Your project will compete for funding with projects submitted by other applicants for that call.



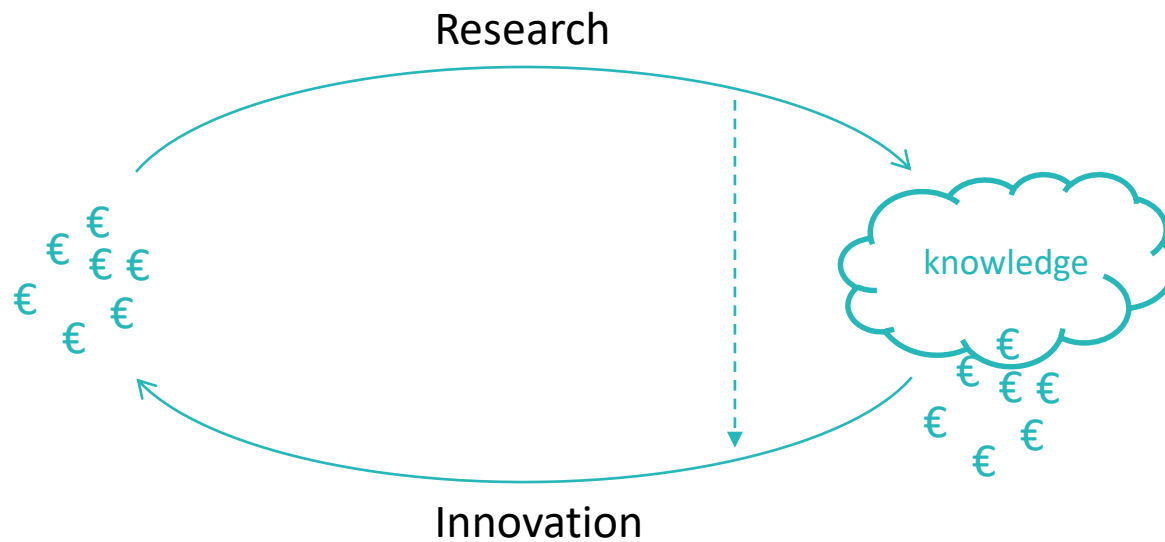
Research and Innovation



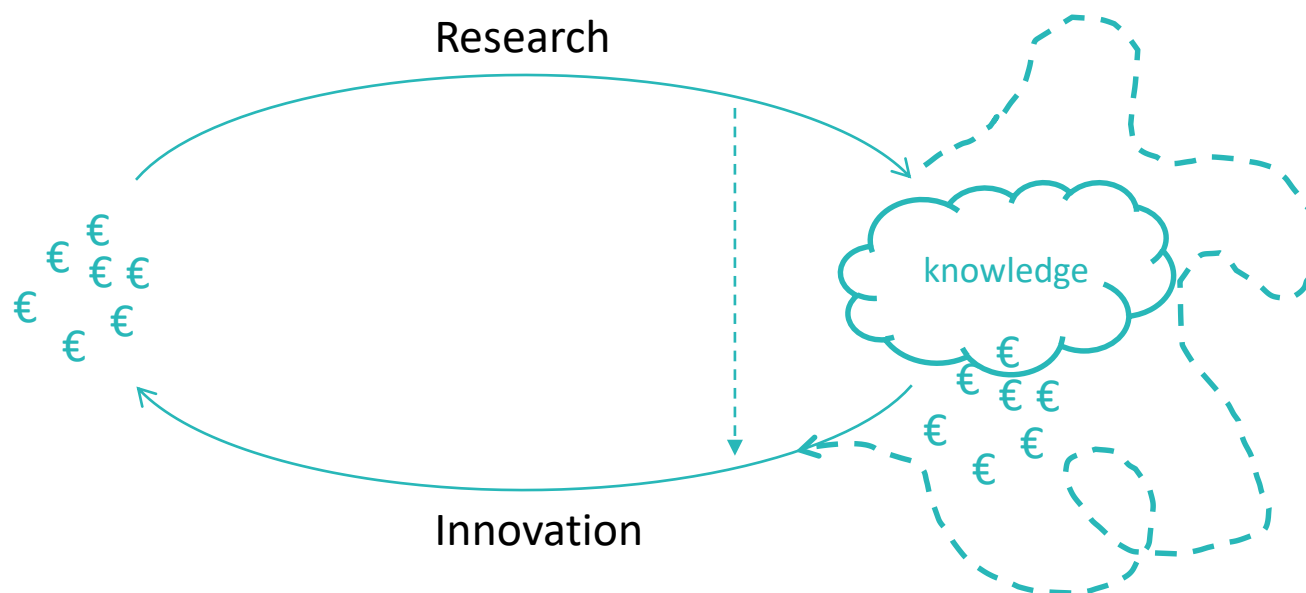
Research and Innovation



Research and Innovation



Research and Innovation



Mapping the key factors

Funding instruments	Speed	Cross vertical / interdisciplinary	Volume / coherence	Ownership	Sustainability (from vision to exploitation)
SME instrument					
NGI cascade funding					
Venture capital					
....					
....					