



# about CAPS and Digital Social Innovation

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**<http://ec.europa.eu/digital-agenda/en/collectiveawareness>**

# Future Internet dimensions

(Oxford Internet Institute Study on Technological, Social and Economic aspects of FI  
[http://cordis.europa.eu/fp7/ict/fire/docs/tafi-final-report\\_en.pdf](http://cordis.europa.eu/fp7/ict/fire/docs/tafi-final-report_en.pdf))

distributed, grassroots

collaboration / social values

## Power to the People:

(user-gen. knowledge)  
P2P, wiki(-leaks),  
social nets, blogs  
e-democracy



competition / individual interests

**Big Brother(s):**  
commercial services/  
political interests  
Entertainment  
DRM-heavy



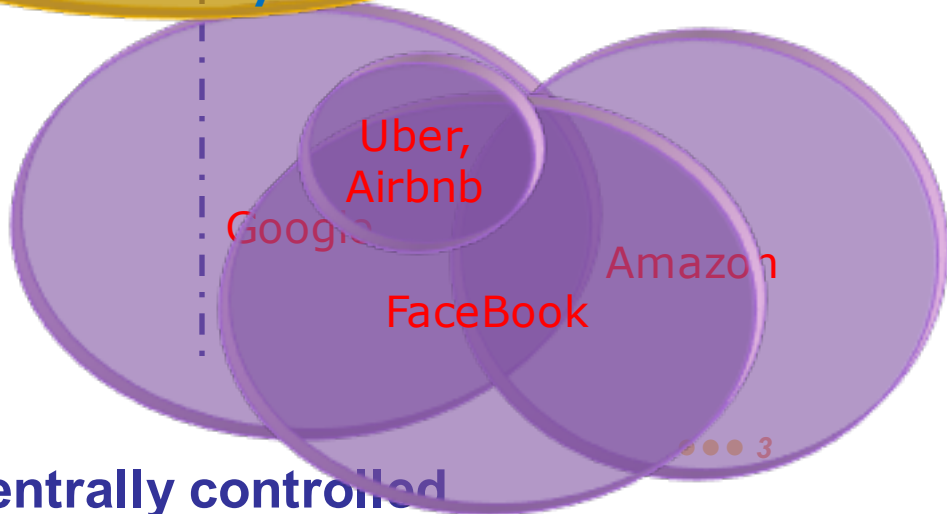
centrally controlled

# ...and today?



collaboration / social values

distributed, grassroots



competition / individual interests

centrally controlled

# Why decentralisation?

Centralised	Decentralised
One choice	Multiple choices
Monopoly	Network neutrality
Proprietary solutions	Open standards, open source
Clouds	Community networks
Monitoring	Privacy
Artificial Intelligence	Collective Intelligence
Asymmetric data flows	Decentralised data governance

# the goal: creating a decentralised (social) innovation ecosystem

- **Open to new entrants and open innovation:**
  - Low entry barrier to access big data
  - privacy-by-design **business models**
- **Open to new services: allowing more SMEs and social enterprises to implement Digital Social Innovation (DSI)**
  - for collaborative public services
  - collaborative economy
  - collaborative making
  - participatory consumption
  - environmental action
  - open policy making and open democracy

# Why is DSI important?

## *For society*

- **delivering new public services for and by the citizens (but not replacing them, or publicly funded)**

## *For the environment*

- **collaborative solutions to reduce pollution, crowdmap issues (traffic, etc.)**

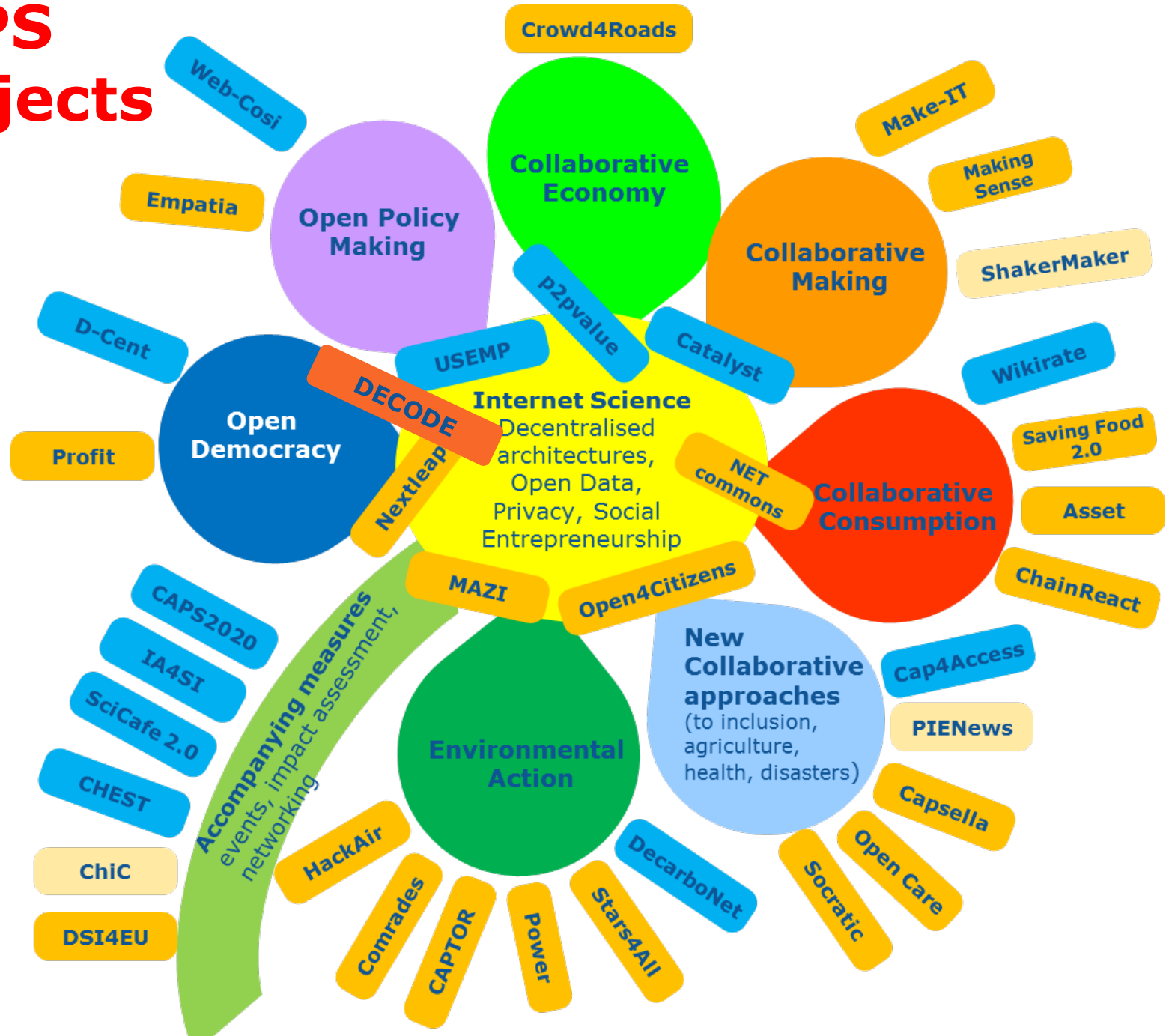
## *For the economy*

- **enabling new economic models (sharing or collective economy)**

## *For the Internet itself*

- **driving different technological priorities for its decentralised development**

# CAPS projects





- *Demonstrating a **distributed open hardware and software platform** supporting*
  - **decentralised data and identity management**
  - **bottom-up participatory innovation**
- *using **decentralised algorithms based on blockchains***
- *Involving*
  - **technological actors** (P2P, blockchains and open source developers, open hardware manufacturers, experts in security, encryption)
  - **civil society organisations** (local communities, digital rights advocacies, artists, social scientists)
  - **developers of the overlying social applications and systems** (creative industries, SMEs, social entrepreneurs, software developers)
- *Creating **robust open standards***

<http://decodeproject.eu/>

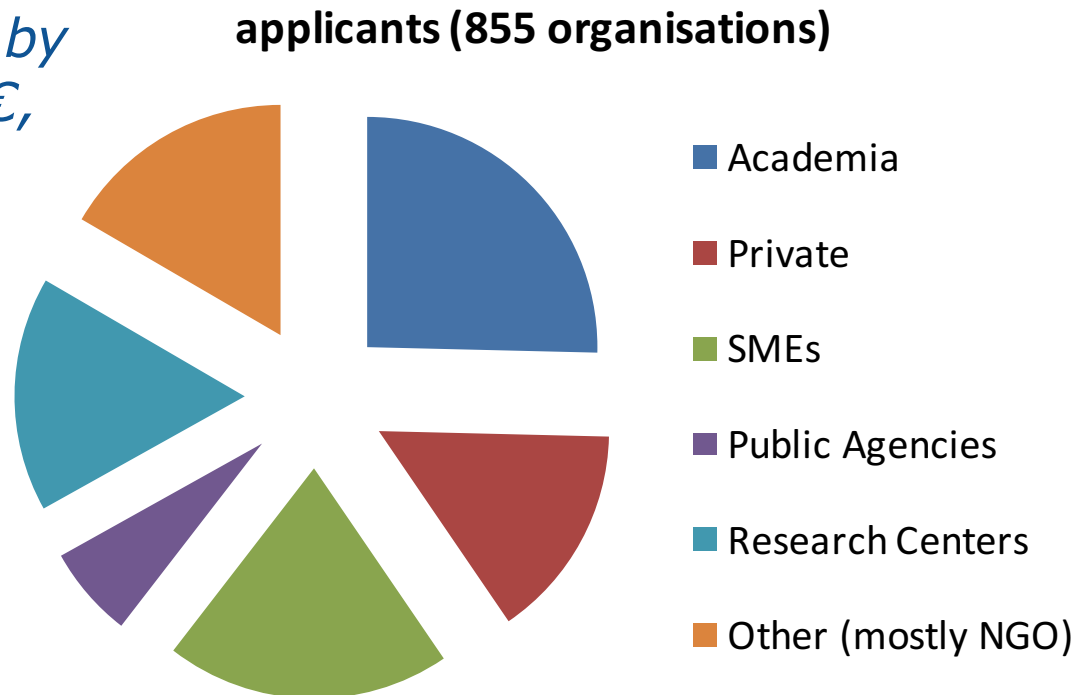


# third CAPS call



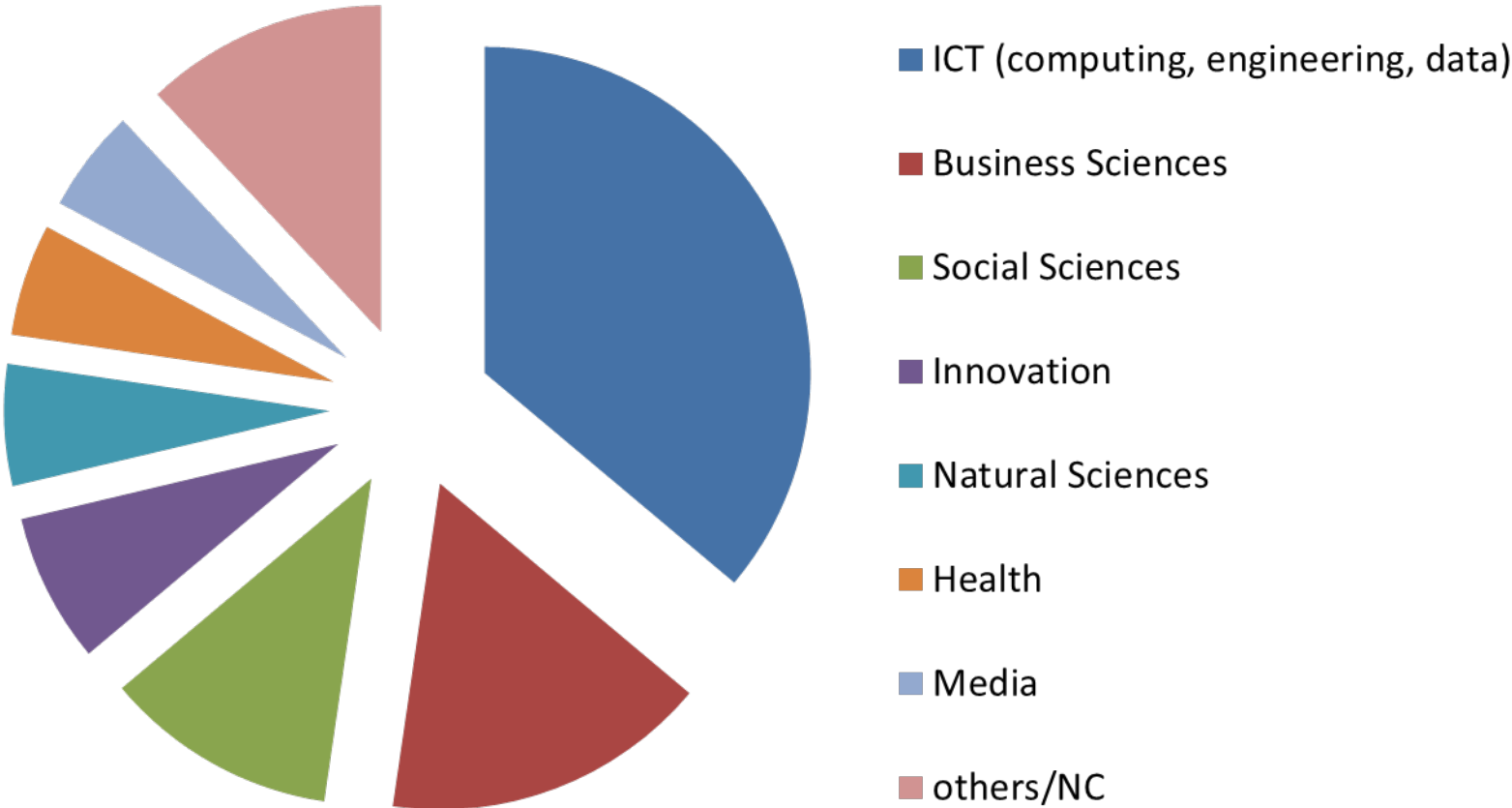
- 110 proposals, requesting an overall budget of 193 M€
- oversubscription rate > 19:1
- very large share of SMEs (20%)

*overall budget requested by private companies: 57 M€, equally split among SMEs and non-SMEs*





## disciplines (of academic partners)



# Towards a 5M€ EIC Prize on "Blockchains for Social Good"

European  
Commission

*Possible examples:*

- *demonstrating the origin of raw materials or products and support fair trade*
- *allowing for a greater visibility of public spending and in general a greater transparency*
- *participation in democratic decision-making, for instance by offering anonymous speech*
- *development of decentralized social networks or clouds*
- *managing property, land registry or other public records of citizens and/or refugees;*
- *contributing to financial inclusion and social credit (e.g. by community or local currencies ).*

# Digital Social Innovation – in 5 words

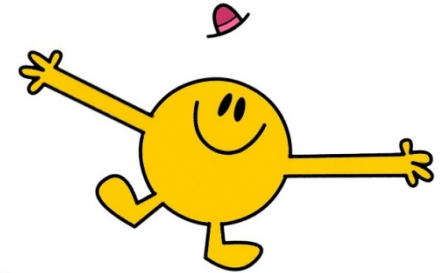
*Participatory*

- Innovation by the people



*Open*

- To new ideas and to new actors



*Bottom-up*

- Leveraging on people's creativity



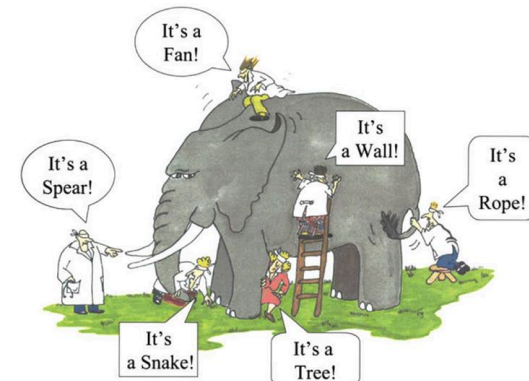
*Decentralised*

- To give people a choice



*Multidisciplinary*

- Innovation happens at the crossroads



# towards a *Manifesto for Digital Social Innovation*

<https://www.dsimanifesto.eu/manifesto/>

## 1. *Openness and Transparency*

- **Mandate Open-Source, Promote Open Data, Sustain Open Knowledge**

## 2. *Democracy and decentralization*

- **Accelerate democracy projects, Showcase open democracy, Promote awareness**

## 3. *Experiment and adopt*

- **Bring together, Set technological priorities, Public adoption**

## 4. *Digital skills and multi-disciplinarity*

- **Promote digital skills, More ICT curricula, Incentives for multi-disciplinarity**

## 5. *Sustainability*

- **Shift funding governance (from lobbies to bottom-up), Methodology, Additional sources**