



EIC Horizon Prize

Blockchains for Social Good

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** The personal views expressed in this presentation do not engage the position of the European Commission*

Future Internet dimensions (in 2011)

(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)

collaboration / social values

decentralised

Power to the People:

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



Big Brother(s):

commercial services/
political interests
Entertainment
DRM-heavy



centrally controlled

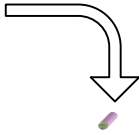
competition / commercial values

... and today?

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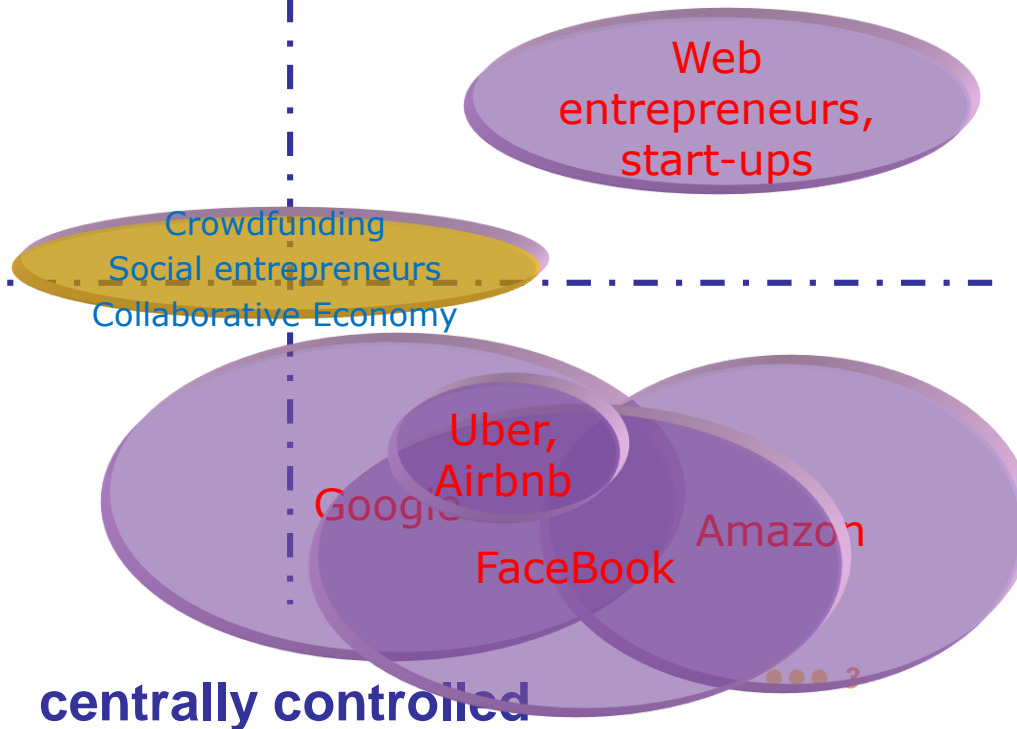
decentralised

Power to the People



collaboration / social values

competition / commercial values



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 |

EIC Prize on "Blockchains for Social Good"

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- *"To develop scalable, efficient and high-impact **decentralized solutions to social innovation challenges** leveraging Distributed Ledger Technology (DLTs), such as the one used in blockchains"*
- *"Targeting social innovations in which decentralized solutions based on DLTs have shown **clear benefits over conventional centralised platform solutions** "*
- ***5 awards of €1 Million each**, corresponding to different social application areas*
- *Deadline to submit applications: **25 June 2019***

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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)

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targeted at a wide range of actors:

- **individuals**
- **social entrepreneurs**
- **civil society organisations**
- **research centers from technological and social disciplines**
- **creative industries**
- **start-ups**
- **SMEs**

Requirement: **multidisciplinary expertise** (across technological (computing, programming, etc.), social (sociology, psychology, art, etc.) and economic (innovation, new economic models, etc.) sciences)

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Award criteria:

- ❑ **Social impact:** both potential and already achieved (e.g. size of the community of users, TRL7 or more)
- ❑ **Decentralization and governance:** transparency (respecting privacy)
- ❑ **Usability, inclusiveness, engagement** of a large community of concerned citizens
- ❑ **Viability at large scale:** cost-efficiency (including energy consumption), scalability, security, sustainability
- ❑ **Clear added value for European citizens:** effectiveness compared to existing centralised solutions, other societal, environmental or economic aspects

Rules of contest for the EIC Prize on "Blockchains for Social Good" (draft)

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| | |
|--|-------------------------------------|
| • Opening of the submission: | 01 February 2018 |
| • Deadline for registration of interest: | 02 April 2019 |
| • Closing date for submission: | 25 June 2019 at 17:00:00 CET |

page-limit for the prize application: **30 pages**

Rules of contest for the EIC Prize on "Blockchains for Social Good" (draft)

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If there are more than **30** applications, there will be a pre-selection phase to select the best 30 applications to pass to jury review.

| Criterion | Threshold | Maximum points |
|------------------------------------|-----------|----------------|
| 1. Social impact | 4 | 6 |
| 2. Decentralisation and governance | 3 | 6 |
| 3. Usability and inclusiveness | 3 | 6 |
| 4. Viability at large scale | 4 | 6 |
| 5. European added value | 4 | 6 |
| Total | 20 | 30 |

For applications with the same score, priority will be based on:

- The scores for the criteria **No 5, No 4 and No 1**
- **Multidisciplinarity and gender balance**

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The 30 best applications will be invited to:

- **post a public description** of their solution
- **participate in a public hearing with the jury**

(the jury will take also account of the comments expressed by the public)

The prizes will be awarded to the
first 5 solutions
which address different application areas

draft



THANK
YOU!

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#EICHorizonPrize #BC4good

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https://ec.europa.eu/research/eic/index.cfm?pg=prizes_blockchains

<https://ec.europa.eu/digital-single-market/en/collective-awareness>

Have you signed the *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**