NGI and Extended Reality in Cluster 4

Next Generation Internet

Due 8 September 2021

HORIZON-CL4-2021-HUMAN-01-04: Trust & data sovereignty on the Internet (RIA)

- 12M€, 1 project.
- deliver architectures, protocols and services so that end-users can exert their rights....
- 80% goes to FSTP, up to 500.000€ (typically 50-150.000€]

HORIZON-CL4-2021-HUMAN-01-05: Trustworthy open search and discovery (RIA)

- 17M€, 2 projects.
- New technologies /solutions for searching
- FSTP, up to 500.000€ (typically 50-150.000€]

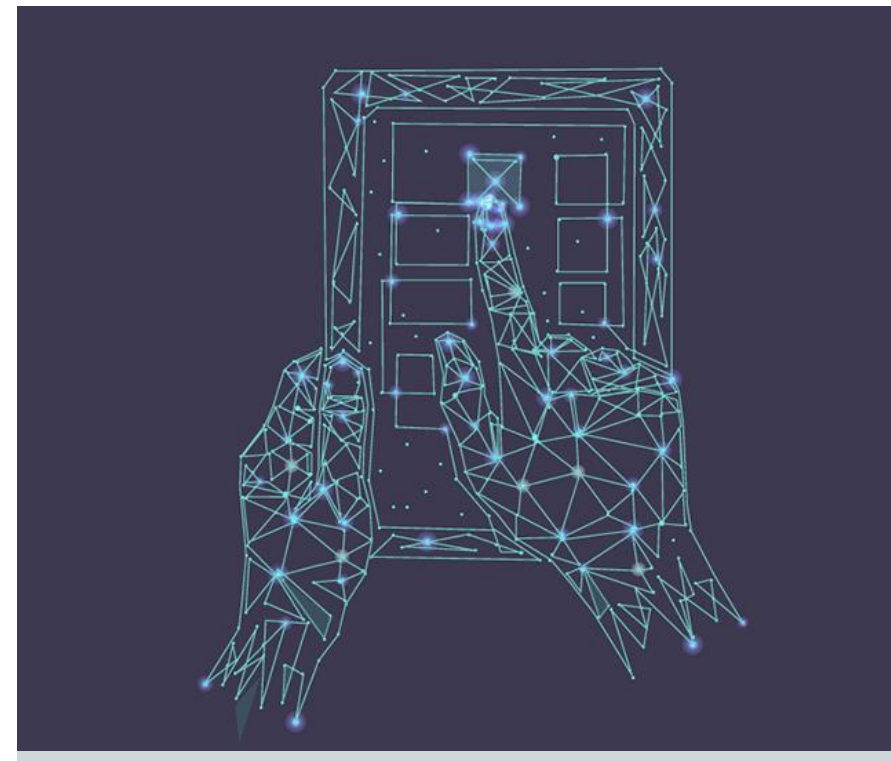HORIZON-CL4-2021-HUMAN-01-07: Next Generation Internet community-building and outreach (CSA).

- 2M€. 1 project.

HORIZON-CL4-2021-HUMAN-01-08: NGI International Collaboration - Transatlantic fellowship programme (CSA).

- 1.9M€. 1 project
- 70% to STP, 3-6 month fellowships

HORIZON-CL4-2021-HUMAN-01-09: NGI Tech Review (CSA).

- 1.5M€. 1 project

Next Generation Internet

Due 5 April 2022

HORIZON-CL4-2022-HUMAN-01-03: Internet architecture and decentralised technologies (RIA)
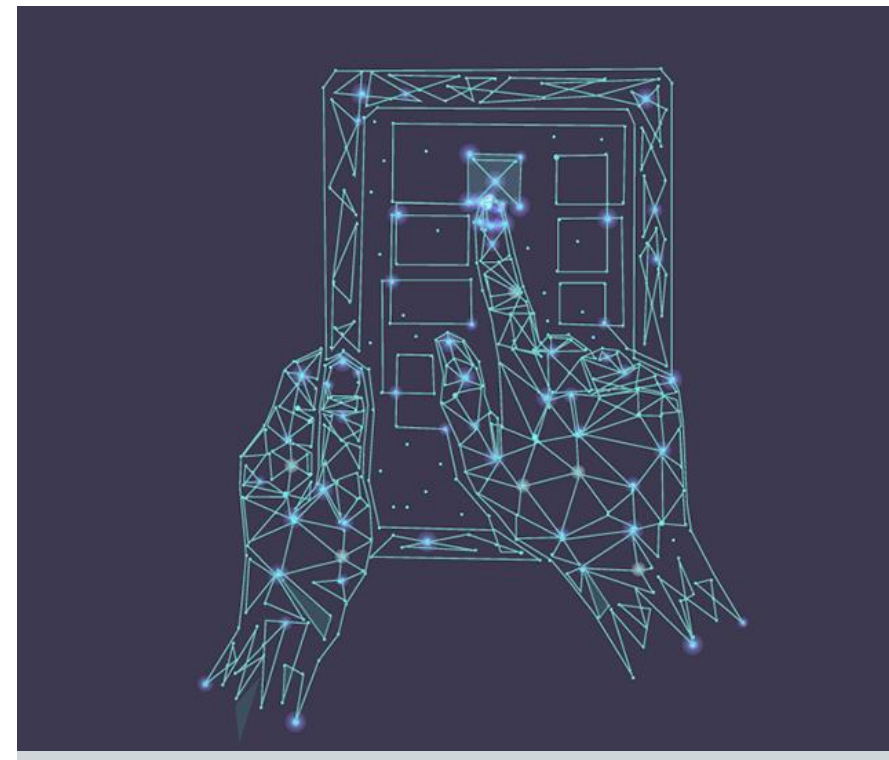
- 22M€. 2 projects.
- FSTP. 5 Calls. Typically, 50-150.000€ for 9-12 months.

HORIZON-CL4-2022-HUMAN-01-05: Next Generation Safer Internet: Technologies to identify digital Child Sexual Abuse Material (CSAM) (RIA)

- 2M€ 1 project
- TRL starting at 3 ending at 7
- Complements Cluster 3

HORIZON-CL4-2022-HUMAN-01-07: NGI International Collaboration - USA and Canada (RIA)

- 6M€ 1 project
- 80% of budget to FSTP. Typically, 50-150.000€ for 3-9 months.

eXtended

Due 8 September 2021

HORIZON-CL4-2021-HUMAN-01-13: eXtended Reality Modelling (RIA).

- 14.3M€. Ca. 4M€ per project. 3 projects. TRL from 2 to 5 in project.
- 20% to FTSP

HORIZON-CL4-2021-HUMAN-01-14: eXtended Reality for All – Haptics (RIA).

- 5.9M€. 1 project. TRL from 5 to 7 in project.
- People with visual impairments involved in all stages.

HORIZON-CL4-2021-HUMAN-01-25: eXtended Collaborative Telepresence (IA).
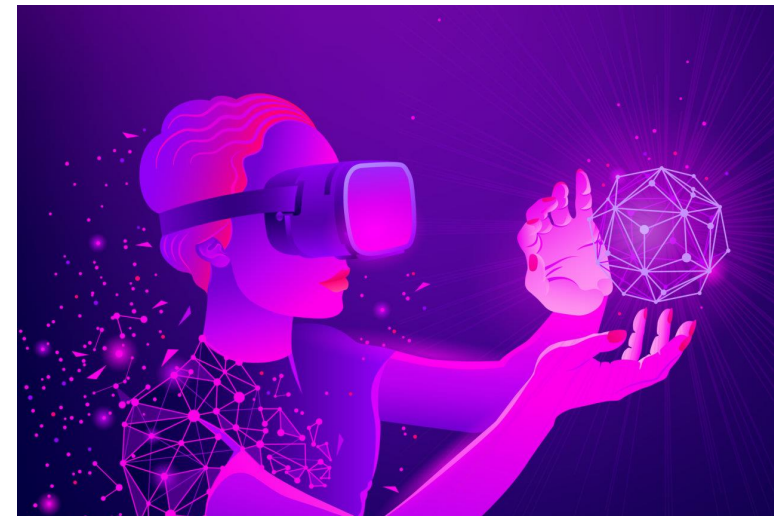
- 13.8€. Ca. 5-8M€ per project. 3 projects. TRL from 4 to 6-7 in project.
- 50% of the funding should be dedicated to FSTP. maximum amount of FSTP, distributed through a grant, is 200.000€

HORIZON-CL4-2021-HUMAN-01-06: Innovation for Media, including eXtended Reality (IA)

- 25.6M€. 8-9M€ per project. 3 projects. TRL from 4 to 8 in project. Link to DIGITAL Media Data Space
- At least 1 proposal for i (max 9m€), modular tools, components, services.
- 1 proposal for ii (max 8m€). VR Media Lab. FSTP 70% in 250 000 to 500 000€ range.

HORIZON-CL4-2021-HUMAN-01-28: eXtended Reality Ethics, Interoperability and Impact (CSA)
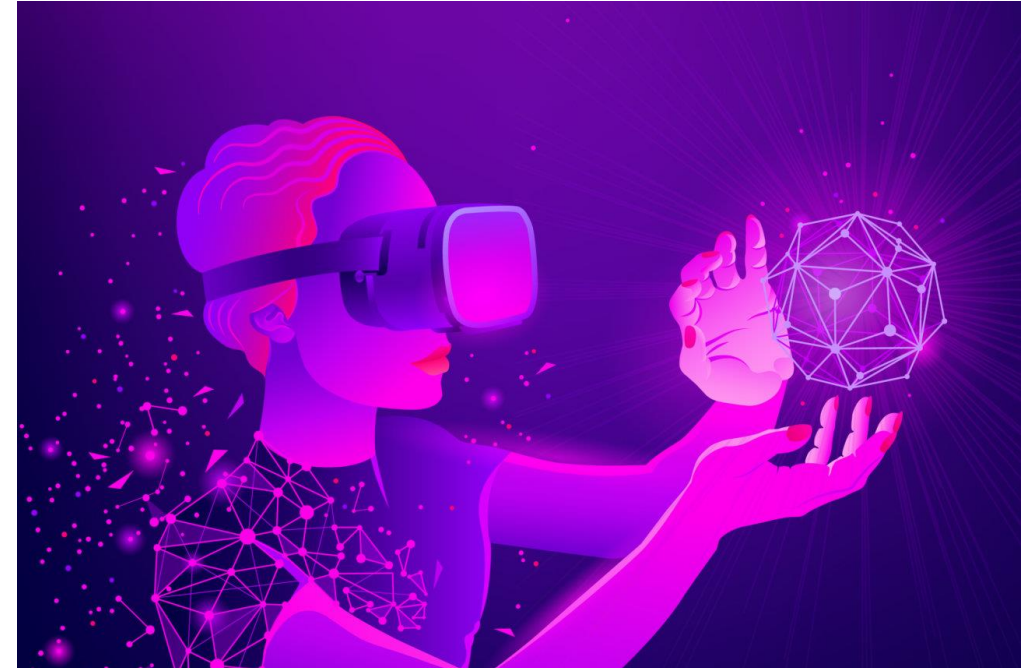
- 2.5M€. 1 project

eXtended

HORIZON-CL4-2022-HUMAN-01-14: eXtended Reality Technologies (RIA)

- 18.7M€. 3 projects. 3-5M€ each

- TRL starting at 2 ending at 4-5.

HORIZON-CL4-2022-HUMAN-01-19: eXtended Reality Learning - Engage and Interact (IA)

- 21.1M€. 3 projects. 5-8 M€

- TRL start at 4 and go to 6-7.

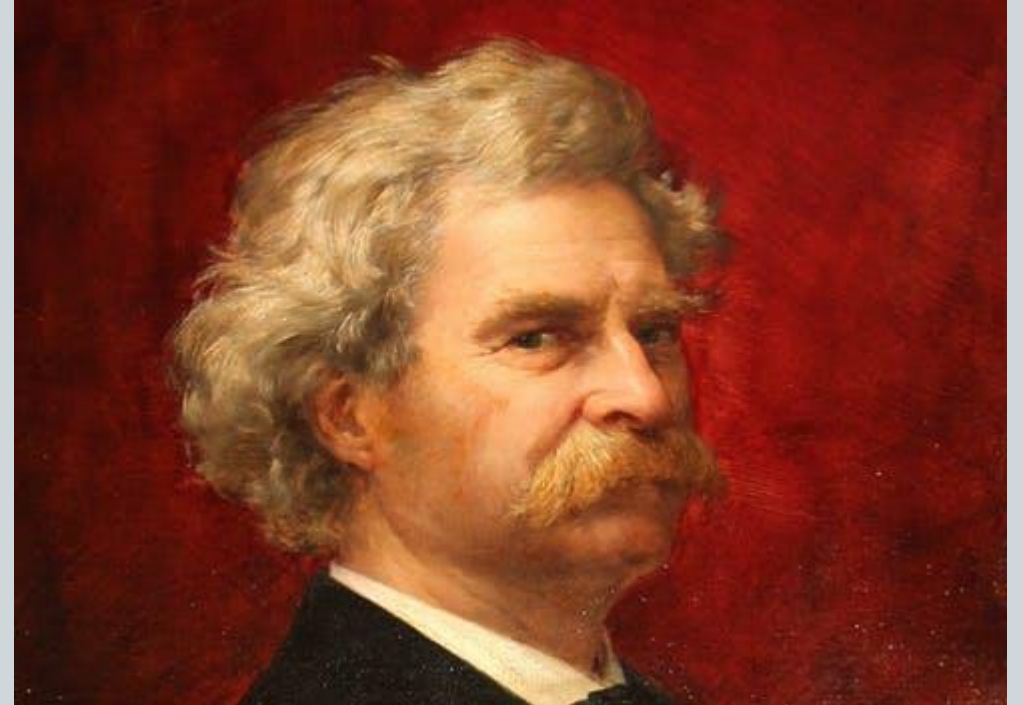- 60% of budget to FSTP. Typically, 50-150.000€ for 9-12 months.

Africa

HORIZON-CL4-2021-TWIN-TRANSITION-01-20: Reducing environmental footprint, improving circularity in extractive and processing value chains (IA)

HORIZON-CL4-2021-RESILIENCE-01-04: Developing climate-neutral and circular raw materials (IA)

> …participation to the call is limited to legal entities established in Member States, associated countries, OECD countries, African Union Countries….

HORIZON-CL4-2021-RESILIENCE-01-05: Building EU-Africa partnerships on sustainable raw materials value chains (CSA)

… modelling techniques (e.g. data analysis, remote sensing) to elucidate the geological history and structure

"Don't use a five-dollar word when a fifty-cent word will do."

Mark Twain

Elucidate: to explain something or make something clear

Notable changes

Pages

- **Limit for a full application is 45 pages**

- Coordination and support actions the limit is 30 pages

- Programme co-fund actions, the limit is 70 pages.

- Limit for a first-stage application is 10 pages.

Ranking of proposals after evaluation

1. Coverage

2. Excellence then Impact

3. Gender balance in personnel in the proposal primarily responsible for carrying out the research and/or innovation activities, and included in the researchers table of the proposal

4. Geographical diversity. Countries represented in the proposal, not otherwise receiving funds from projects higher up the ranking list

Fewer pages

More women

DESTINATION 6 – Key documents

- Global survey on Internet Security and Trust
https://www.cigionline.org/internet-survey-2019

- Media Action Plan
https://ec.europa.eu/commission/presscorner/detail/en/IP_20_2239

- …

Related to Partnership: AI, Data and Robotics

Cluster 4:
Digital, Industry and Space

Be proactive contact NCPs!

Digital

Kim Davis
kid@rcn.no

Ivonne Herrera
ivh@rcn.no

Industry

Karin Totland
kt@rcn.no

Space

Øystein Helleren
Norsk Romsenter
oystein.helleren@spaceagency.no

Pål Sigurd Malm
psma@rcn.no

Waqar Ahmed
wha@rcn.no

Eva Langslet
Eva.Langslet@innovasjonnorge.no

Cluster 4:
Digital, Industry and Space

Digital

Industry

Space

Ivonne Herrera
ivh@rcn.no

Waqar Ahmed
wha@rcn.no

Lenka Hannevold
lha@forskningsradet.no

Øystein Helleren
Norsk Romsenter
oystein.helleren@spaceagency.no

Pål Sigurd Malm
psma@rcn.no

Eva Langslet
Eva.Langslet@innovasjonnorge.no

25.03.2021