Work Programme topic: HORIZON-CL4-2021-HUMAN-01-27 AI to fight disinformation (RIA)

1. What are you looking for?

Advanced AI solutions against advanced disinformation techniques for media professionals. Equip scientific researchers and media practitioners with quantitative and semi-supervised tools based on AI, and network science driven tools, capable of detecting different forms of deep-fakes and tampered content and to understand how and where such type of content spreads online.

Advanced AI solutions against disinformation for citizens. Solutions to foster citizens' ability to identify, verify and combat disinformation through AI innovation. Develop eficient and intuitive mechanisms to convey the information regarding quality/veracity of information should be addressed, as appropriate.

Collaboration with topics HORIZON-CL3-2021-FCT-01-03: Disinformation and fake news are combated and trust in the digital world and CSA HORIZON-CL4-2021-HUMAN-01-02

Work Programme topic

2. What do you NOT want?

- Proposals without scientists from various relevant discliplines
- Proposals without focus on media professionals or citizens)
- Having a narrow focus on Disinformation

Work Programme topic – topic evolution

3. Is this new or has it been called before?

New, previous relating calls did not target the AI aspect:

- H2020-ICT-28-2018 Hyperconnected Sociality
- H2020-ICT-54-2020 Block for the Next Generation Internet, subtopics 2 and 3

Work Programme topic – topic evolution

4. Current project portfolio

On Social Media Innovation related to the field:

- TREBLO/TRUBLO
- ONTOCHAIN
- ARTICONF
- HELIOS
- EUNOMIA
- AI4Media
- FANDANGO

Work Programme topic – Key actors

5. Who are the types of main stakeholders that are addressed?

    Media practitionners, journalists, scientists from avrious disciplines, AI specialists, technology providers, citizen representatives

6. Is there a key group of actors (eg. Partnership or other) driving this?

    EDMO – European Digital Media Observatory

    PPP on AI, Data and Robotics and funded actions related to this partnership

Work Programme topic

7. Are there any additional / background documents?

Audiovisual and Media Action Plan
https://digital-strategy.ec.europa.eu/en/policies/media-and-audiovisual-action-plan

European Democracy Action Plan
https://ec.europa.eu/info/strategy/priorities-2019-2024/new-push-european-democracy/european-democracy-action-plan_en

Future Outlook

Follow-up in HE WP 2023-2024

- Social media innovation against disinformation
- AI-tools and solutions
- Big Data components
- Digital Well-Being
- Media literacy aspects

Leadership in AI based on trust

HORIZON-CL4-2021-HUMAN-01-01

- Verifiable robustness, energy efficiency and transparency for Trustworthy AI: Scientific excellence boosting industrial competitiveness (RIA)

HORIZON-CL4-2021-HUMAN-01-02

- European coordination, awareness, standardisation & adoption of trustworthy European AI, Data and Robotics (AI, Data and Robotics Partnership) (CSA)

HORIZON-CL4-2021-HUMAN-01-03

- European Network of AI Excellence Centres: Pillars of the European AI lighthouse (RIA)

HORIZON-CL4-2021-HUMAN-01-24

- Tackling gender, race and other biases in AI (RIA)

HORIZON-CL4-2021-HUMAN-01-27

- AI TO FIGHT DISINFORMATION (RIA)

HORIZON-CL4-2021-HUMAN-01-27: AI to fight disinformation (RIA)

TYPE: Research and Innovation Action (RIA)

BUDGET: total 13M€, ~6.5M€/project

TRL start: 3-4 ➜ TRL end: 5-6

BACKGROUND: Audiovisual and Media Action Plan
European Democracy Action Plan

European Commission

2 research Foci ➔ clearly identify your focus in the proposal

FOCUS 1

Advanced AI solutions against advanced disinformation techniques for media pro

MEDIA PROFES-SIONALS

➔ **Equip scientific researchers and media practitioners with quantitative and semi-supervised tools based on AI, and network science driven tools**, capable of detecting different forms of deep-fakes and tampered content and to understand how and where such type of content spreads online.

➔ **Involve the scientific community at the intersection between AI and computer science, mathematics, social network sciences, social sciences and other relevant scientific fields.**

➔ **Collaborate closely with journalists and media practitioners, and equipped with the necessary computing power** to analyse rich content (e.g. videos and images) and to automate the management, processing and analysis of the flow of information within online systems.

European Commission

2 research Foci ➜ clearly identify your focus in the proposal

FOCUS 2

CITIZENS

Advanced AI solutions against disinformation for citizens.

➜ **Solutions to foster citizens' ability** to identify, verify and combat disinformation through AI innovation.

➜ **Include the analysis and tracing** of various forms of content, correlation/comparison of various sources of information, exploitation of contextual information.

➜ **Develop eficient and intuitive mechanisms** to convey the information regarding quality/veracity of information should be addressed, as appropriate.

➜ **Transparency and human oversight** are be key, with a view of empowering citizens.

European Commission