

Horizon Europe Funding Opportunities in Digital Trust and Cybersecurity

Welcome!

euresearch
Swiss guide to European
research and innovation

TRUST
VALLEY
Ensuring Safe Digital Growth



Agenda



11:00 – 11:15	Welcome and introduction - Lennig Pedron, Trust Valley & Eva Servoli, Euresearch
11:15 – 11:30	Why I participate in European programmes - Sébastien Ziegler, director Mandat International
11:30 – 11:45	What I get out of participating in European programmes - Yacine Felk, COO Cysec
11:45 – 12:00	Open funding opportunities - Nicole Wyss & Loïc Fave, Euresearch
12:00 – 12:10	Practical information on how to participate in Horizon Europe - Irina Sakharova, Euresearch
12:10 – 12:15	Conclusion - Nicole Wyss, Euresearch



Civil Security Cluster 3

Nicole Wyss
National Contact Point (NCP)
for Civil Security, Health, RI
Euresearch Network Office

Horizon Europe

2021-2027

Pillar I **Excellent Science**

European Research Council (ERC)

Marie Skłodowska-Curie Actions (MSCA)

Research Infrastructures

Pillar II **Global Challenges and European Industrial Competitiveness**

Clusters

- Health
- Culture, Creativity and Inclusive Society
- **Civil Security for Society**
- **Digital, Industry and Space**
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Pillar III **Innovative Europe**

European Innovation Council (EIC)

European Innovation Ecosystems (EIE)

European Institute of Innovation and Technology (EIT)

Part: Widening participation and strengthening the European Research Area

Civil Security Destinations

Fighting Crime and Terrorism

7 topics

31 M€

Border Management

5 topics

25 M€

Resilient Infrastructure

2 topics

11 M€

Cybersecurity

4 topics

67.3 M€

Disaster-Resilient Society

9 topics

46 M€

Security Research and Innovation

4 topics

9.5 M€

Destination 1. Fighting Crime and Terrorism

- HORIZON-CL3-2022-FCT-01-05: Effective fight against corruption
- IA; EUR 5.00 million
- Technological and societal solutions
- prevention, detection and investigation of corruption
- collection of cross-border court-proof evidence

Destination 2. Border Management

- HORIZON-CL3-2022-BM-01-02: Enhanced security of, and combating the frauds on, identity management and identity and travel documents
- IA; EUR 6.00 million
- security and reliability of identity and travel documents
- Electronic identifications (eIDs)
- document verification and fraud detection

Destination 4. Increased Cybersecurity

4 topics

- Threats intelligence, intrusion detection in complex systems
- dynamic testing of potentially vulnerable hardware, software
- Quantum-resistant cryptography
- agile certification of ICT products, services, processes



Call Opening: 30.06.2022

Deadline: 16.11.2022 (cybersecurity)
23.11.2022 (other topics)

Information on Swiss Participation in
Horizon Europe

Beyond 2022: draft WP 2023-2024

Fighting Crime and Terrorism

9 topics

Border Management

6 topics

Resilient Infrastructure

2 topics

Cybersecurity

3 topics

Disaster-Resilient Society

8 topics

Security Research and Innovation

4 topics



Digital Cluster 4

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Cluster 4 digital destinations



Data and
computing
technologies
205 M€

Digital,
competitive
and green
272 M€

**Human-
centered
digital
technologies
121 M€**

17 Open call topics in 2022

HORIZON-MISS-2022-CIT-01-01

HORIZON-KDT-JU-2022-1-IA-Focus-Topic-2

HORIZON-KDT-JU-2022-2-RIA-Focus-Topic-2

HORIZON-KDT-JU-2022-1-IA-Focus-Topic-3

HORIZON-KDT-JU-2022-2-RIA-Topic-1

HORIZON-KDT-JU-2022-1-IA-Topic-1

HORIZON-CL4-2022-DIGITAL-EMERGING-02-22

HORIZON-CL4-2022-DIGITAL-EMERGING-02-19

HORIZON-CL4-2022-DIGITAL-EMERGING-02-06

HORIZON-CL4-2022-DIGITAL-EMERGING-02-05

HORIZON-CL4-2022-DIGITAL-EMERGING-02-17

HORIZON-CL4-2022-DIGITAL-EMERGING-02-20

HORIZON-CL4-2022-DIGITAL-EMERGING-02-07

~~HORIZON-CL4-2022-DIGITAL-EMERGING-02-18~~

~~HORIZON-CL4-2022-HUMAN-02-01~~

HORIZON-CL4-2022-HUMAN-02-02

HORIZON-EUROHPC-JU-2022-ALG-02-01

Designing inclusive, safe, affordable and sustainable urban mobility

Industrial supply chain for silicon photonics (IA)

Ecodesigned smart electronic systems supporting the Green Deal objectives (RIA)

Design of Customisable and Domain Specific Open-source RISC-V Processors (IA)

General according to ECS-SRIA 2022 (RIA)

General according to ECS-SRIA 2022 (IA)

Supporting the coordination of the Graphene Flagship projects (CSA)

2D materials-based devices and systems for biomedical applications (RIA)

Pushing the limit of physical intelligence and performance (RIA)

AI, Data and Robotics for Industry optimisation (including production and services) (AI, Data and Robotics Partnership) (IA)

New generation of advanced electronic and photonic 2D materials-based devices, systems and sensors (RIA)

2D-material-based composites, coatings and foams (IA)

Increased robotics capabilities demonstrated in key sectors (AI, Data and Robotics Partnership) (IA)

2D materials-based devices and systems for energy storage and/or harvesting (RIA)

AI for human empowerment (AI, Data and Robotics Partnership) (RIA)

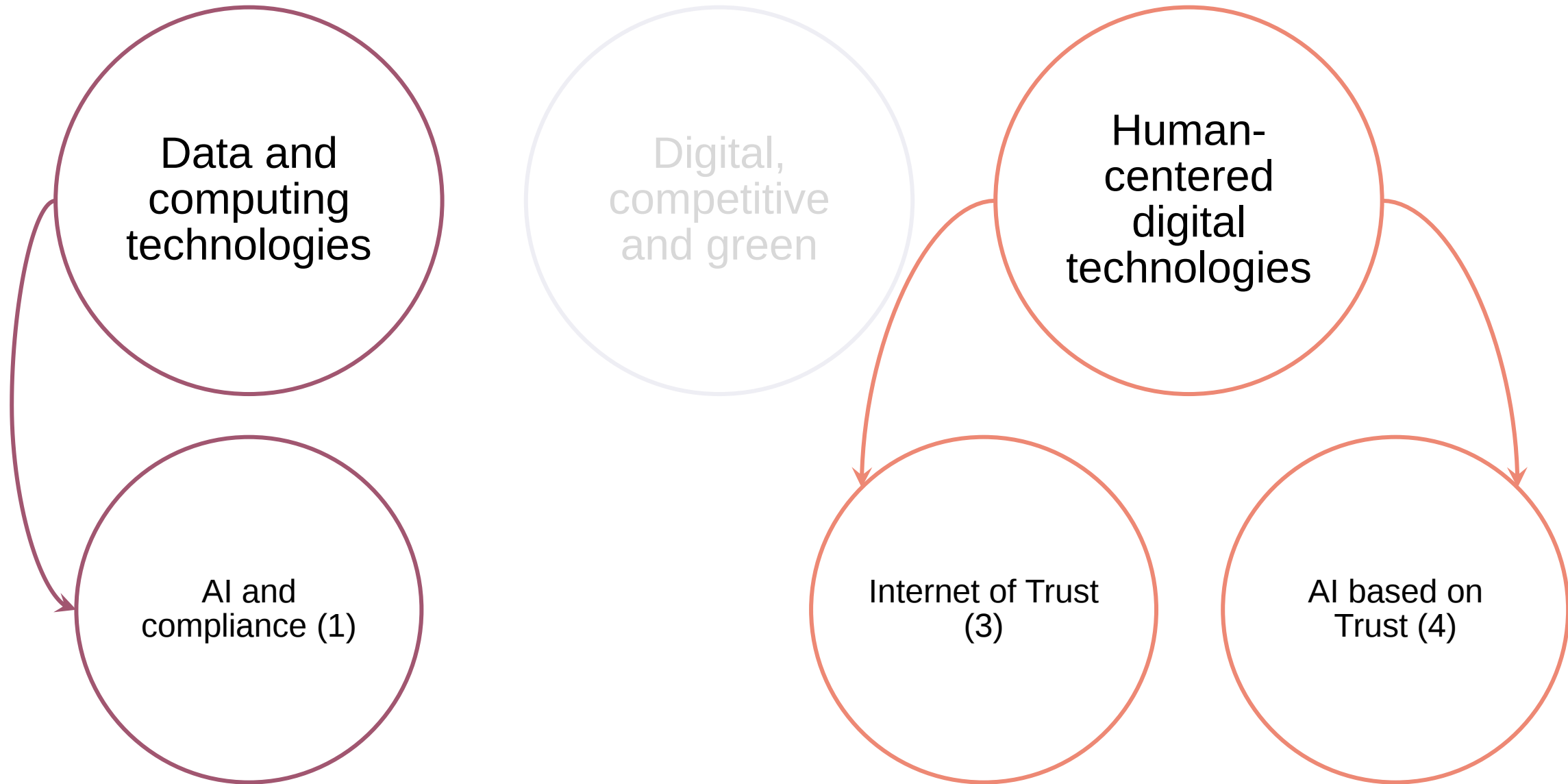
European Network of AI Excellence Centres: Expanding the European AI lighthouse (RIA)

New algorithms for applications on European exascale supercomputers

HORIZON-CL4-2022-HUMAN-02-01: AI for human empowerment (AI, Data and Robotics Partnership) (RIA)

Specific conditions	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of around EUR 8.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 16.00 million .
<i>Type of Action</i>	Research and Innovation Actions
<i>Technology Readiness Level</i>	Activities are expected to start at TRL 2-3 and achieve TRL 4-5 by the end of the project – see General Annex B.
<i>Deadline</i>	16 November 2022
<i>Expected Outcome</i>	• Truly mixed human-AI initiatives for human empowerment • Trustworthy hybrid decision-support systems
	• All proposals are expected to allocate tasks to cohesion activities with the PPP on AI, Data and Robotics and funded actions related to this partnership, including the CSA HORIZON CL4-2021-HUMAN-01-02.

Beyond 2022: draft WP 2023-2024



Next steps

- Do you need advice where your technology/research fits in Horizon Europe?
 - Contact us
- Are you preparing a proposal?
 - Attend our Proposal Writing Training, 25 August 2022