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# HORIZON EUROPE - 4. KLASZTER

## SSH VONATKOZÁSÚ FELHÍVÁSOK

Pivarcsiné Fekete Dóra  
NKFIH Nemzetközi Főosztály

2023. december 15.



# INDUSTRY – 1.

- **HORIZON-CL4-2024-TWIN-TRANSITION-01-12:** Enhanced assessment, intervention and repair of civil engineering infrastructure (RIA) [Link](#)
- **HORIZON-CL4-2024-TWIN-TRANSITION-01-32:** Optimisation of thermal energy flows in the process industry (Processes4Planet partnership) (IA) [Link](#)
- **HORIZON-CL4-2024-TWIN-TRANSITION-01-34:** Renewable hydrogen used as feedstock in innovative production routes (Processes4Planet Partnership) (RIA) [Link](#)
- **HORIZON-CL4-2024-TWIN-TRANSITION-01-35:** Turning CO<sub>2</sub> emissions from the process industry to feedstock (Processes4Planet partnership) (IA) [Link](#)
- **HORIZON-CL4-2024-TWIN-TRANSITION-01-41:** Breakthroughs to improve process industry resource efficiency (Processes4Planet partnership) (RIA) [Link](#)

**Határidő: 2024. február 7.**

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## INDUSTRY – 2.

- **HORIZON-CL4-2024-RESILIENCE-01-24:** Development of safe and sustainable by design alternatives (IA) [Link](#)
- **HORIZON-CL4-2024-RESILIENCE-01-35:** Biodegradable polymers for sustainable packaging materials (IA) [Link](#)
- **HORIZON-CL4-2024-RESILIENCE-01-36:** Advanced biomaterials for the Health Care (IA) [Link](#)

**Határidő: 2024. február 7.**

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# DIGITAL TECHNOLOGIES – 1.

- **HORIZON-CL4-2024-DATA-01-01:** AI-driven data operations and compliance technologies (AI, data and robotics partnership) (IA) [Link](#)
- **HORIZON-CL4-2024-DATA-01-03:** Piloting emerging Smart IoT Platforms and decentralized intelligence (IA) [Link](#)
- **HORIZON-CL4-2024-DATA-01-05:** Platform Building, standardisation and Up-scaling of the ‘Cloud-Edge-IoT’ Solutions (Horizontal Activities - CSA) [Link](#)
- **HORIZON-CL4-2024-DIGITAL-EMERGING-01-03:** Novel paradigms and approaches, towards AI-powered robots– step change in functionality (AI, data and robotics partnership) (RIA) [Link](#)
- **HORIZON-CL4-2024-DIGITAL-EMERGING-01-04:** Industrial leadership in AI, Data and Robotics boosting competitiveness and the green transition (AI Data and Robotics Partnership) (IA) [Link](#)
- **HORIZON-CL4-2024-DIGITAL-EMERGING-01-23:** Public recognition scheme for Open Source (CSA) [Link](#)

Határidő: 2024. március 19.

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# DIGITAL TECHNOLOGIES – 2.

- ~~[HORIZON-CL4-2024-HUMAN-01-06](#)  
Explainable and Robust AI (AI Data and Robotics Partnership) (RIA)~~
- ~~[HORIZON-CL4-2024-HUMAN-01-07](#)  
Collaborative intelligence – combining the best of machine and human (AI Data and Robotics Partnership) (RIA)~~
- ~~[HORIZON-CL4-2024-HUMAN-01-61](#)  
Facilitate the engagement in global ICT standardisation development (CSA)~~

## Várható témák:

- HORIZON-CL4-2024-HUMAN-03-01:  
Advancing Large AI Models: Integration of New Data Modalities and Expansion of Capabilities (AI, Data and Robotics Partnership) (RIA)
- HORIZON-CL4-2024-HUMAN-03-02:  
Explainable and Robust AI (AI Data and Robotics Partnership) (RIA)
- HORIZON-CL4-2024-HUMAN-03-03 (re-opening of previous [topic](#))  
Digital Humanism - Putting people at the centre of the digital transformation (CSA)

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