

INFODEN K VÝZVÁM 2021 EVROPSKÉHO PARTNERSTVÍ KEY DIGITAL TECHNOLOGIES



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TC AV ČR

08/02/2022
9:00 - 10:00

- 9:00 - 9:10 **Úvod a přivítání:**
Silvia Jirásková, koordinátorka sítě Enterprise Europe Network v ČR (TC AV ČR)
Daniel Všetečka, delegát ČR v programu Horizont Evropa, Klastru 4 - digitalizace, průmysl a vesmír (MPO ČR)
- 9:10 - 9:25 **Představení nového partnerství Key Digital Technologies (KDT JU) a výzev roku 2021:**
Michal Vávra, delegát ČR v KDT JU (MŠMT ČR)
- 9:25 - 9:50 **Zkušenosti řešitelů projektů v předchozím partnerství ECSEL JU:**
- *Pavel Václavek (CEITEC VUT v Brně): Účast v projektech v roli akademického partnera*
 - *Tomáš Trpišovský (IMA, s.r.o.): Účast v projektech v roli průmyslového partnera*
- 9:50 - 10:00 **Q&A**
Pro pokládání dotazů prosím využijte nástroj [sli.do](https://www.sli.do) www.sli.do www.sli.do, kód: **KDT**



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- Zdroj informací ([rozcestník MPO](#), [rozcestník Evropské komise](#), [Funding and tenders portal EK](#))
- První vlna výzev 11/2021 - 2/2022, druhá vlna Q1-Q2/2022, třetí vlna Q3-Q4/2022

KDT JU Calls Topics and Major Challenges		DEP Calls
Process technology, equipment, materials and manufacturing		
	Major Challenge 4: World-leading and sustainable semiconductor equipment and manufacturing technologies	Cloud to edge infrastructure - Secretariat for the Alliance on Processors and Semiconductor technologies
Components, modules and systems integration		
	Major challenge 3: Technologies, manufacturing and integration processes	Data spaces - Preparatory actions for the data space for manufacturing
Embedded software and beyond		
	Major challenge 4: Embedding data analytics and Artificial Intelligence	AI - Preparatory actions for the AI on demand platform, Cloud to edge infrastructure - Testing Experimenting Facility for Edge AI
	Major challenge 5: Green Deal and embedded software	Data Spaces - Preparatory actions for the Green Deal data space
	Major challenge 6: Embedding reliability and trust	Enhancing trust in digital transformation
Digital Industry		
	Major challenge 3: Artificial Intelligence in digital industry	AI Testing and Experimentation Facility for Manufacturing / Health / Agri-Food / smart communities
	Major challenge 5: Digital twins, mixed or augmented reality, telepresence	
	Major challenge 6: Autonomous systems, robotics	

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KDT JU Calls Topics and Major Challenges		DEP Calls
Artificial intelligence, edge computing and advanced control		
	Major challenge 1: Strengthening the EU connectivity technology portfolio to maintain leadership, secure sovereignty and offer an independent supply chain	Data spaces - Data spaces Support Centre
	Major challenge 3: Autonomous interoperability translation for communication protocol, data encoding, compression, security and information semantics	Cloud to edge infrastrucutre – Marketplace for federated cloud-to-edge-based services
Architecture and design: methods and tools		
	Major Challenge 2: Managing new functionality in safe, secure and trustable systems	Enhancing trust in digital transformation: Safer internet Centres (SICs)
Mobility		
	Major challenge 1: Enable electrification and sustainable alternative fuels for CO2-neutral mobility	Data Spaces - Preparatory actions for the Green Deal data space
	Major challenge 3: Enable affordable, automated and connected mobility for passengers and freight on road, rail, air and water	Data spaces - Preparatory actions for the data space for smart communities
	Major challenge 4: Provide tools and methods for validation and certification of safety, security and comfort of embedded intelligence in mobility	Data spaces - Preparatory actions for the data space for mobility
Health and wellbeing		
	Major challenge 1: Enable digital health platforms based upon P healthcare	Health data space - Federated European Infrastructure for Genomics data
Agrifood and natural resources		
	Major challenge 1: Food security	Data spaces - Preparatory actions for the data space for agriculture



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KDT JU Calls Topics and Major Challenges	DEP Calls
Quality, reliability, safety and cybersecurity	
Major challenge 1: Ensuring HW quality and reliability	European “cyber-shield”- Support to cybersecurity in the health sector
Major challenge 2: Ensuring dependability in connected software	Cybersecurity - Support to implementation of relevant EU legislation
Major challenge 3: Ensuring cyber-security and privacy	EU cybersecurity resilience, coordination and cybersecurity ranges
Major challenge 4: Ensuring of safety and resilience	Capacity building of Security Operation Centres
Major challenge 5: Human systems integration	Securing 5G strategic digital infrastructures and technologies
	Uptake of innovative cybersecurity solutions
	Deploying the Network of National Coordination Centres with Member State
	Supporting the NIS Directive implementation and national cybersecurity strategies
	Testing and certification capabilities



CALL-TO-ACTION

Lenka Švejcarová

NCP pro Horizont Evropa, Klastř 3 a 4

+420 725 539 546, +420 234 006 11

svejcarova@tc.cz