



This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir



Technical Assistance for Turkey in Horizon 2020 Phase-II
EuropeAid/139098/IH/SER/TR

General Training (Webinar) Horizon Europe - Cluster 4: Digital

Cluster 4 Destinations: World Leading Data and Computing Technologies; Digital and Emerging Technologies for Competitiveness and Fit for the Green Deal; A Human-Centred and Ethical Development of Digital and Industrial Technologies; Smart Network Services (SNS) Joint Undertaking and Key Digital Technologies (KDT) Partnership

Agenda

Date	18 February 2022	Time	14:00 Istanbul
Venue	Online Webinar		
Address	Zoom Meeting		

Content

13:50-14:00	Webinar welcome, Participants Login	
14:00-14:10	Opening Remarks	Serhat Melik, NCP Coordinator, EU Framework Programmes Department, TÜBİTAK
Sessions chaired by Dr Adamantios Koumpis & Dimitris Papageorgiou		
14:10-15:00	Session 1: DESTINATION 3 – WORLD LEADING DATA AND COMPUTING TECHNOLOGIES <ul style="list-style-type: none">• Overview of destination 3 & Policy Context• 2022 Topics:<ul style="list-style-type: none">○ HORIZON-CL4-2022-DATA-01-01: Methods for exploiting data and knowledge for extremely precise outcomes, reducing complexity and presenting insights in understandable way○ HORIZON-CL4-2022-DATA-01-04: Technologies and solutions for data trading, monetizing, exchange and interoperability (AI, Data and Robotics Partnership) (IA)	Kimmo Rossi, Head of Sector, DG CONNECT Stefano Bertolo, Scientific Programme Manager, European Commission DG CONNECT/G1 Annamaria Nagy, European Commission DG CONNECT/G1

Çankaya Mah. And Sok. 8/12 06680 Çankaya, Ankara / Turkey
Tel : +90 312 467 61 40 • Fax : +90 312 219 69 30



This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir



Technical Assistance for Turkey in Horizon 2020 Phase-II
EuropeAid/139098/IH/SER/TR

	<ul style="list-style-type: none">○ HORIZON-CL4-2022-DATA-01-05: Extreme data mining, aggregation and analytics technologies and solutions● Q&A <p>Documents: Horizon Europe Cluster 4 Work Programme 2021-22</p>	Riku Leppänen, Programme Officer, DG CONNECT Unit G1
15:00-15:45	<p>Session 2: DESTINATION 4 – DIGITAL AND EMERGING TECHNOLOGIES FOR COMPETITIVENESS AND FIT FOR THE GREEN DEAL</p> <ul style="list-style-type: none">● Overview of destination 4● 2022 Topics:<ul style="list-style-type: none">○ HORIZON-CL4-2022-DIGITAL-EMERGING-01-03: Advanced multi-sensing systems (Photonics Partnership)○ HORIZON-CL4-2022-DIGITAL-EMERGING-01-26: Open source for cloud-based services○ HORIZON-CL4-2022-DIGITAL-EMERGING-01-35: Advanced characterisation methodologies to assess and predict the health and environmental risks of nanomaterials○ HORIZON-CL4-2022-DIGITAL-EMERGING-02-05: AI, Data and Robotics for Industry optimisation (including production and services) (AI, Data and Robotics Partnership)○ HORIZON-CL4-2022-DIGITAL-EMERGING-02-06: Pushing the limit of physical intelligence and performance○ HORIZON-CL4-2022-DIGITAL-EMERGING-02-07: Increased robotics capabilities demonstrated in key sectors (AI, Data and Robotics Partnership)● Q&A <p>Documents: Horizon Europe Cluster 4 Work Programme 2021-22</p>	Dr. Alrun A. Hauke, NCP on Digital and Industrial, German Aerospace Center (DLR) Dimitri Jungblut, Department of the Project Management Agency at the German Aerospace Center (DLR)
15:45-16:30	<p>Session 3: DESTINATION 6 – A HUMAN-CENTRED AND ETHICAL DEVELOPMENT OF DIGITAL AND INDUSTRIAL TECHNOLOGIES</p> <ul style="list-style-type: none">● Overview of destination 6● 2022 Topics:<ul style="list-style-type: none">○ HORIZON-CL4-2022-HUMAN-01-03: Internet architecture and decentralised technologies○ HORIZON-CL4-2022-HUMAN-01-14: eXtended Reality Technologies○ HORIZON-CL4-2022-HUMAN-01-19: eXtended Reality Learning - Engage and Interact	Dr. Alrun A. Hauke, NCP on Digital and Industrial, German Aerospace Center (DLR) Dimitri Jungblut, Department of the Project Management Agency at the German

Çankaya Mah. And Sok. 8/12 06680 Çankaya, Ankara / Turkey
Tel : +90 312 467 61 40 • Fax : +90 312 219 69 30



This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir



Technical Assistance for Turkey in Horizon 2020 Phase-II
EuropeAid/139098/IH/SER/TR

	<ul style="list-style-type: none">○ HORIZON-CL4-2022-HUMAN-02-01: AI for human empowerment (AI, Data and Robotics Partnership)○ HORIZON-CL4-2022-HUMAN-02-02: European Network of AI Excellence Centres: Expanding the European AI lighthouse...)● Q&A <p>Documents: Horizon Europe Cluster 4 Workprogramme 2021-22</p>	Aerospace Center (DLR)
16:30-17:15	<p>Session 4: INFORMATION ABOUT THE SMART NETWORKS AND SERVICES JOINT UNDERTAKING R&I WORK PROGRAMME</p> <ul style="list-style-type: none">● The SNS JU objectives● The SNS JU Structure● 2022 Topics:<ul style="list-style-type: none">○ Stream A: Evolutionary path towards 6G○ Stream B: Research for revolutionary technology advancement towards 6G○ Stream C: SNS experimental infrastructures○ Stream D: Large scale SNS Trials and pilots with Verticals○ SNS-2022-STREAM-B-01-01: System Architecture○ SNS-2022-STREAM-B-01-02: Wireless Communication Technologies and Signal Processing○ SNS-2022-STREAM-B-01-03: Communication Infrastructure Technologies and Devices○ SNS-2022-STREAM-B-01-04: Secure Service development and Smart Security● Q&A <p>Documents: SNS JU Work Programme</p>	Alexandros Kaloxylas, 6G-IA – Executive Director
17:15-18:00	<p>Session 5: KEY DIGITAL TECHNOLOGIES – KDT</p> <ul style="list-style-type: none">● The KDT JU objectives● The KDT JU Structure<ul style="list-style-type: none">○ 2021-1-IA GENERAL ACCORDING TO SRIA 2021○ 2021-1-IA Process technology, equipment, materials and manufacturing○ 2021-1-IA Components, modules and systems integration○ 2021-1-IA Embedded software and beyond○ 2021-1-IA System of Systems○ 2021-1-IA Artificial intelligence, edge computing and advanced control	Marta Calderaro, Horizon Europe National Contact Point, APRE

Çankaya Mah. And Sok. 8/12 06680 Çankaya, Ankara / Turkey
Tel : +90 312 467 61 40 • Fax : +90 312 219 69 30



This project is co-financed by the
European Union and the Republic of Turkey

Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir



Technical Assistance for Turkey in Horizon 2020 Phase-II

EuropeAid/139098/IH/SER/TR

- 2021-1-IAConnectivity
- 2021-1-IAArchitecture and design: methods and tools
- Quality, reliability, safety and cybersecurity
- 2021-1-IAMobility; 2021-1-IA Energy; 2021-1-IA Digital Industry; 2021-1-IA Health and wellbeing; 2021-1-IA Agrifood and natural resources; 2021-1-IA Digital Society; 2021-1-IA-Focus Topic DEVELOPMENT OF OPEN-SOURCE RISC V BUILDING BLOCK
- 2021-2-RIA GENERAL ACCORDING TO SRIA 2021
- Process technology, equipment, materials, and manufacturing; Components, modules and systems integration; Embedded software and beyond; System of Systems; Artificial intelligence, edge computing and advanced control; Connectivity; Architecture and design: methods and tools; Quality, reliability, safety and cybersecurity
- Mobility; Energy; Digital Industry; Health and wellbeing; Agrifood and natural resources; Digital Society
- 2021-2-RIA-Focus Topic 1 PROCESSING SOLUTIONS FOR AI AT THE EDGE ADDRESSING THE DESIGN STACK AND MIDDLEWARE
- 2021-3-CSA A PAN-EUROPEAN CHIP INFRASTRUCTURE FOR DESIGN INNOVATION

Documents: [KDT JU Work Programme](#)

END OF THE WEBINAR

Join at
slido.com
#DIGITAL



Çankaya Mah. And Sok. 8/12 06680 Çankaya, Ankara / Turkey
Tel : +90 312 467 61 40 • Fax : +90 312 219 69 30