

EU Brokerage Event

on Industrial KET* in Horizon Europe

*Key Enabling Technologies

10th November 2022 • Strasbourg

Conference &
Bilateral/B2B Meetings

Calls
2023- 2024

Project idea/ Field of expertise:

Digital Transformation, Digital Manufacturing, AI, Data Analytics, Robotics, IoT, Digital Twin, Sensor

Organisation Name:

MEXT – MESS Technology Center

Addressed topic(s):

Horizon Europe
Cluster 4- Industry, Digital, Space
Twin Transition, Digital-Emerging,
Resilience

MEXT

2 PRODUCTION LINES

BEST NATIONAL/INTERNATIONAL
TECHNOLOGY PARTNERS

100 + USE CASES

THE FIRST END TO END INTEGRATED
DIGITAL MANUFACTURING FACILITY IN
TURKEY

THE FIRST 5G ASSISTED
MANUFACTURING FACILITY IN
TURKEY

THE FIRST AUTONOMOUS MOBILE
WORKSTATION IN TURKEY

THE FIRST VIRTUAL STEEL
MANUFACTURING FACILITY
POWERED BY AN ANALYTICAL



20+ USE CASES ARE
THE FIRST AND
ONLY IN TURKEY
AND IN THE
WORLD

THE MOST
FLEXIBLE
INFRASTRUCTURE
IN TURKEY

DIGITAL FACTORY

WORLD'S BIGGEST
"DIGITAL
TRANSFORMATION
IN
MANUFACTURING"
INITIATIVE

**DIGITAL MATURITY
ASSESSMENT**

WORLD'S MOST
COMPREHENSIVE
"DIGITAL
TRANSFORMATION
IN
MANUFACTURING"
CURRICULUM

**CAPABILITY BUILDING
PROGRAMS**

TECHNOLOGY AND
SOLUTION
PARTNERSHIPS
WITH THE MOST
SUCCESSFUL ONES
OF THE WORLD

ECOSYSTEM

Ongoing

Programme	Project
EU Instrument for Pre-Accession (IPA-II)	IQVETIII: Design Academy
EU Instrument for Pre-Accession (IPA-II)	IQVETIII: A Multi-Layered Solution for VET: Change Agents
EU Instrument for Pre-Accession (IPA-II)	Digital Transformation of SMEs in Turkey through Establishment of the Industry 4.0 Competence Center
EU Instrument for Pre-Accession (IPA-II)	Digital Transformation of Apparel Sector in Turkey"
EU Istanbul Development Agency	Establishment of AI Laboratory for Research and Applied Consultancy
EU Istanbul Development Agency	MESS Digital Transformation and Competence Development Center: Our Direction is Tomorrow

Planned Horizon Europe Projects for 2022-2023

HORIZON-CL4-2023-TWIN-TRANSITION-01-04: Factory-level and value chain approaches for remanufacturing (Made in Europe Partnership) (IA)	HORIZON-CL4-2023-DIGITAL-EMERGING-01-02: Industrial leadership in AI, Data and Robotics – advanced human robot interaction (AI Data and Robotics Partnership) (IA)
HORIZON-CL4-2023-TWIN-TRANSITION-01-07: Achieving resiliency in value networks through modelling and Manufacturing as a Service (Made in Europe Partnership)	HORIZON-CL4-2024-TWIN-TRANSITION-01-03: Manufacturing as a Service: Technologies for customised, flexible, and decentralised production on demand (Made in Europe Partnership) (RIA)
HORIZON-CL4-2023-TWIN-TRANSITION-01-08: Foresight and technology transfer for Manufacturing as a Service (Made in Europe Partnership) (CSA)	HORIZON-CL4-2024-TWIN-TRANSITION-01-44: Digital transformation and ensuring a better use of industrial data, which can optimise steel supply chains (Clean Steel Partnership) (IA)
HORIZON-CL4-2023-TWIN-TRANSITION-01-43: Low carbon-dioxide emission technologies for melting iron-bearing feed materials OR smart carbon usage and improved energy & resource efficiency via process integration (Clean Steel Partnership) (IA)	HORIZON-CL4-2023-RESILIENCE-01-42: Boosting generation and diffusion of advanced technologies in SMEs based on a supply chain model (CSA)

Contact details

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