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**Eureka**

**TÜRKİYE**

CHAIRSHIP | 2023-2024

**2024 - İstanbul Global Innovation Summit**

**Building Bridges for Global Challenges**

**13-14 JUNE 2024**

**İSTANBUL**

**EUREKA 2023 - 2024 TURKISH CHAIRSHIP**

## GLOBAL INNOVATION SUMMIT, İSTANBUL 13/14 JUNE 2024

The Global Innovation Summit 2024 which is organized within the scope of the 2023/2024 Turkish Eureka Chairship aims to convene stakeholders from across the research, innovation and entrepreneurship landscape to explore collaboration opportunities, showcase cutting-edge projects and promote cross-border partnerships within the Eureka network. With a diverse range of sessions, including thematic discussions, pitching sessions and country presentations, the Summit provides a comprehensive platform for attendees to engage with the latest trends, funding mechanisms and best practices in research and innovation. Highlights of the Summit include the Türkiye EUREKA Innovation Awards, recognizing exemplary projects within the network and dedicated sessions focusing on key themes such as green transition and digitalization. Additionally, participants will have access to networking opportunities, B&B meetings and an exhibition area where projects, countries and stakeholders can connect, collaborate and showcase their contributions to advancing innovation. Overall, the Summit catalyzes driving collaboration, fostering innovation and accelerating societal impact within the Turkish and broader Eureka innovation ecosystems.

Description of all the sessions of the Summit are as follows:

- **How Leaders and Policymakers Can Prepare for a Green and Digital Future**

The panel on “How Leaders and Policymakers Can Prepare for Green and Digital Future” will focus on strategies and initiatives to navigate the evolving landscape of green and digital transformation. Participants will explore the role of leadership and policymaking in shaping a future-ready society, economy, and governance framework that integrates green and digital considerations. Key





topics of discussion will include digital literacy and skills development within the context of environmental sustainability and fostering innovation ecosystems that prioritize green technologies. Experts will share insights on emerging technologies such as artificial intelligence, blockchain, and quantum computing examining their potential for circular economy, clean energy solutions, and sustainable transportation technologies.

The discussion will also delve into the critical need for cybersecurity measures and data protection strategies as integral components of digital transformation. The panel will address the importance of collaboration between public and private sectors to address the challenges of digitalization and environmental sustainability, identifying opportunities for growth and sustainability. Overall, the panel aims to provide actionable insights and recommendations for leaders and policymakers to embrace green and digital transformation and drive positive societal impact in the digital age.

### • **Circular Economy and Sustainable Manufacturing (Carbon Emissions and Carbon Neutral Products)**

The “Circular Economy and Sustainable Manufacturing” panel will explore innovative strategies and practices aimed at reducing carbon emissions and promoting carbon-neutral products within the context of circular economy principles. Participants will discuss the transition towards sustainable manufacturing processes that minimize waste, maximize resource efficiency and



promote reuse, recycling and remanufacturing. The panel will examine the role of collaborative R&I projects focused on developing technologies and solutions to mitigate carbon emissions across the product lifecycle. Key topics of discussion will include the adoption of renewable energy sources, the implementation of eco-design principles and the integration of circular business models to create a closed-loop economy. Experts will share insights on the challenges and opportunities associated with achieving carbon neutrality in manufacturing, highlighting best practices and innovative approaches from industry leaders and research institutions. The panel aims to inspire collaboration and knowledge exchange to accelerate the transition towards a more sustainable and carbon-neutral future.

• **Data Dynamics: Innovating, Securing and Protecting Privacy**

The panel on “Data Dynamics” will delve into the intricate landscape of data innovation, security and privacy protection. It will explore cutting-edge technologies and strategies for harnessing the potential of data while ensuring robust security measures and safeguarding individual privacy rights. Participants will discuss the role of Eureka in driving collaborative research and development initiatives focused on data-driven innovation and cybersecurity. Key topics of discussion will include data governance frameworks, encryption technologies and privacy-enhancing techniques such as differential privacy and homomorphic encryption. Experts will share insights on emerging trends in data management, including the adoption of artificial intelligence and machine learning for data analysis, risk mitigation and predictive analytics. Experts will also explore sectors, like healthcare and finance, expected to see major shifts from these trends. The panel aims to foster dialogue among industry leaders, policymakers and researchers to advance responsible data practices and promote trust in the digital ecosystem.



### • Smart Cities and Urban Innovation: Enhancing Quality of Life

The panel on “Smart Cities and Urban Innovation” will explore transformative technologies and strategies aimed at improving the quality of life in urban environments. Participants will discuss innovative solutions for sustainable urban development, efficient resource management and enhanced citizen services. Key topics of discussion will include the deployment of Internet of Things (IoT)

devices, data analytics and digital platforms to optimize urban infrastructure and services. Experts will share insights best practices and successful case studies. Emphasis will be placed on the integration of green technologies and renewable energy sources to further sustainability goals. The panel will also address challenges such as digital inclusion, cybersecurity and privacy concerns in the context of smart city development. Impact of smart urban planning on enhancing accessibility and mobility for individuals with disabilities will be discussed, aiming for more inclusive urban environments. Overall, the panel aims to inspire collaboration and knowledge exchange among stakeholders to create more livable, resilient and inclusive cities for all residents.



### • Eureka Clusters

The special session on Eureka Clusters will provide attendees with insights into the collaborative research and innovation initiatives within specific technological domains. Participants will learn about the objectives, activities and achievements of various Eureka clusters, which bring together companies, research organizations and other stakeholders to address common challenges and opportunities in key technology areas. The session will highlight successful projects, best practices and innovation trends emerging from Eureka cluster activities, showcasing the impact of cross-border collaboration on





driving technological advancements and market competitiveness. Experts and representatives from different Eureka clusters will share their experiences, discuss collaboration opportunities and engage with participants to foster networking and partnership development. Overall, the session aims to promote awareness and engagement with Eureka cluster initiatives, inspiring attendees to explore collaborative R&I opportunities and contribute to the advancement of technology and innovation within their respective sectors.



#### • **Eureka Investment Readiness Programme**

Eureka's "Investment Readiness Programme" is a support initiative aimed at helping innovative startups and SMEs within the Eureka network prepare for investment and growth. The programme provides targeted assistance to companies looking to secure funding from investors, venture capital firms and other sources to accelerate their development and commercialization efforts. The corporate activities will give the participants the opportunity to meet, learn from and develop partnerships with leading corporates from different sectors.

#### • **Korea Eureka Day**

The "Korea Eureka Day" is dedicated to showcasing collaboration opportunities, innovation initiatives and success stories between South Korea and the Eureka network. This session will provide insights into South Korea's vibrant innovation ecosystem, highlighting key



areas of technological expertise, research capabilities and industry collaborations. Participants will learn about funding opportunities, joint R&I projects and partnership frameworks available through Eureka for collaboration with South Korean counterparts. Experts from both South Korea and Eureka will share experiences, best practices and case studies of successful projects, illustrating the value and impact of international cooperation in driving innovation and economic growth. The Korea Eureka Day aims to foster dialogue, networking and partnership development between South Korean stakeholders and the broader Eureka community, facilitating cross-border collaboration and knowledge exchange for mutual benefit.

### • Eureka Global Outreach Panel

The “Eureka Global Outreach Panel” is a dedicated session aimed at highlighting collaboration opportunities, initiatives and success stories between Eureka and its member and partner countries beyond Europe. This session will provide insights into the diverse innovation ecosystems, research capabilities and industry landscapes of these countries, showcasing their contributions to the global innovation community. Participants will learn about collaborative projects, funding mechanisms and partnership frameworks available through Eureka for engagement with countries beyond Europe. Participants will also share perspectives, experiences and best practices, illustrating the value and impact of international cooperation in driving innovation, economic development and societal impact on a global scale.



## • **Green and Digital Transformation in Türkiye & International Approach to the Topics**

The sessions on “Green Transition” and “Digital Transformation in Türkiye” will explore key themes and initiatives related to environmental sustainability and technological advancement within the Turkish context. These sessions will delve into Türkiye’s efforts and opportunities in promoting green transition and leveraging the use of artificial intelligence for economic development and societal benefit. Additionally, two sessions will offer an international perspective on these topics, featuring insights from leading international institutions. Participants will gain valuable insights into global trends, best practices and collaborative opportunities in green transition and artificial intelligence from the perspective of international organizations, fostering cross-border dialogue, cooperation and knowledge exchange.



## • **Collaboration Opportunities within Eureka**

The sessions presenting the different funding mechanisms of Eureka will provide attendees with comprehensive insights into the various funding mechanisms available for collaborative research and innovation projects within the Eureka. These sessions will cover a range of funding mechanisms, including Eurostars, Innowide and Eureka Network Projects. Participants will learn about the eligibility criteria, application processes and funding opportunities associated with each mechanism. Overall, these sessions aim to empower attendees with the knowledge and resources needed to access funding support and drive collaborative innovation within the Eureka framework.







### • **Horizon Europe and EIC**

The session will provide attendees with an overview of key European Union funding programs aimed at supporting research, innovation and entrepreneurship: Horizon Europe and the European Innovation Council (EIC). Participants will learn about the objectives, structure and funding opportunities offered by Horizon Europe, the EU's flagship research and innovation framework program for the period 2021-2027. Additionally, the session will focus on

the EIC, which is a key component of Horizon Europe dedicated to supporting high-risk, high-impact innovation projects and scaling up breakthrough technologies and startups. The session aims to provide attendees with valuable information and resources to leverage Horizon Europe and the EIC to drive innovation, competitiveness and societal impact.

### • **EUREKA Countries Funding Projects Targeting Disasters Launch of Joint Call**

R&I efforts focused on disasters aim to advance knowledge, technologies and strategies for disaster risk prevention, preparedness, response and recovery. It may include:

- \* Disaster risk assessment and implementation of early warning systems to predict and mitigate the impact of disasters.
- \* Development of resilient infrastructure, buildings and communities to withstand and recover from the impacts of disasters.
- \* Disaster response technologies, including search and rescue equipment, communication systems and emergency medical treatment.
- \* Climate change adaptation strategies to address the increasing frequency and intensity of extreme weather events.

- \* Socio-economic and environmental impacts of disasters, including exposure of vulnerable populations, equity considerations and long-term recovery efforts.
- \* Policy, governance and institutional frameworks for disaster management, coordination and international cooperation.
- \* Overall, R&I efforts focused on the theme of disasters play a critical role in enhancing resilience, reducing vulnerability and saving lives in the face of emergencies and crises.
- \* Some of the Eureka Member countries joined forces to fund collaborative research and innovation projects focused on addressing disasters. During this session, representatives from participating countries will introduce the joint call and outline its objectives, scope and thematic areas of interest related to disaster management and resilience.



### • **Showcase: Revealing Solutions for Disasters / Unveiling Tomorrow's Digital Green Solutions**

The pitching sessions will provide a platform for attendees to present potential project proposals to a diverse audience of stakeholders, including researchers, industry representatives, investors and policymakers. During these sessions, participants will have the opportunity to showcase their innovative ideas, research concepts and collaboration opportunities in various thematic areas relevant to the Summit topics, digital and green transformation. Each presenter will deliver a concise pitch, highlighting the problem statement, proposed solution, key objectives,



expected outcomes and collaboration opportunities associated with their project proposal. Following the pitches, participants will have the chance to engage in discussions, ask questions and explore potential partnership opportunities with the presenters.

### • **B2B MEETINGS**

B2B meeting opportunity at the Summit will offer participants a full day dedicated to fostering potential collaborations and partnerships. During these meetings, attendees will have the chance to engage in one-on-one discussions and networking sessions with other participants, including representatives from companies, research organizations, funding agencies and other relevant stakeholders. Participants can explore potential collaboration opportunities, exchange ideas and discuss project proposals in detail, to identify synergies and forge partnerships for future research and innovation initiatives.

### • **2024 Türkiye Eureka Innovation Awards**

The 2024 Türkiye Eureka Innovation Awards will be a prestigious highlight of the Summit, recognizing outstanding projects that demonstrate excellence, innovation and collaboration within the Eureka network. Three projects will be honored with awards in different categories: one for an Eureka Network Project, one for a Eurostars project and one for an Eureka Cluster Project. The finalist projects will have the opportunity to present their work in the exhibition area, showcasing their achievements and contributions to the Summit attendees. The awards ceremony will celebrate the impactful outcomes and collaborative efforts of these projects, highlighting their significance in driving innovation, economic growth and societal impact.



## • EXHIBITION

Beyond 2024 Türkiye Eureka Innovation Awards finalists, there will be opportunity for the Eureka Member countries and other stakeholders to present themselves in the Exhibition Area. The exhibition area will provide an interactive platform for participants to engage with each other, share insights and explore potential collaboration opportunities.

## • COUNTRY SESSIONS

The country sessions at the Summit will offer participating Eureka member countries a dedicated platform to showcase their innovation ecosystems, research capabilities and funding opportunities. Each country will have the opportunity to present on an alternative stage, providing insights into its unique strengths, priorities and initiatives in research, development and innovation. Representatives from national funding bodies will share information about available funding programs, collaboration frameworks and support mechanisms for R&I projects. Attendees will learn about the specific research and innovation landscape of each participating country, as well as potential collaboration opportunities and partnership pathways for engaging with stakeholders in those countries. The country sessions aim to promote cross-border collaboration, knowledge exchange and partnership building among Summit participants, fostering a vibrant and interconnected innovation community within the Eureka network.



## JUNE 13th

	Plenary	Side Venue-1	Side Venue-2	Side Venue-3	
08.30					
09.30		Registration			
10.30			Effect of Eureka on Funded Companies - Success Stories		
11.00	OPENING				
12.00		LUNCH			
13.00	KEYNOTE Speech				
13.45				Horizon Europe and EIC	Exhibition (Country Sessions)
14.30	<b>PANEL</b> How leaders and policy makers can prepare for green and digital future	Eureka Clusters	Green Transition in Türkiye	Innovative SMEs Eurostars and Innowide	
15.00			International Approach to Green Transition	Eureka Network Projects	
15.15					
15.30		IRP (Investment Readiness Program)			
15.45			Digitalization in Türkiye		
16.00	<b>PANEL</b> Circular Economy and Sustainable Manufacturing (Carbon Emission and Carbon Neutral Products)	IRP Corporate Days - Start-ups Meet with Corporates		Eureka Countries Funding Projects Targeting Disasters - Launch of Joint Call	
16.30			International Approach to Digitalization		
17.00					
17.15					
17.30					



## JUNE 14th

	Plenary	Side Venue-1	Side Venue-2	Side Venue-3	
09.30	<b>Registration</b>				<b>Exhibition (Country Sessions)</b>
10.00	<b>PANEL</b> Data Dynamics: Innovating, Securing and Protecting Privacy	<b>KOREA EUREKA DAY</b>	<b>Looking for Partners Showcase: Revealing Solutions for Disasters</b>		
11.30					
12.00		<b>LUNCH</b>		<b>B2B MEETINGS</b>	
14.00	<b>Innovation Awards Ceremony</b>				
14.30	<b>PANEL</b> Smart Cities and Urban Innovation: Enhancing Quality of Life	<b>Eureka Global Outreach Panel</b>	<b>Looking for Partners, Showcase: Unveiling Tomorrow's Digital Green Solutions</b>		
16.00	<b>KEYNOTE Speech</b>				
17.00	<b>CLOSING REMARKS</b>				
17.30					



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