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

UFUK
AVRUPA

ICTürkiye2025
10 April, İstanbul

PRESENTER FULL NAME: Abdurrahman Can
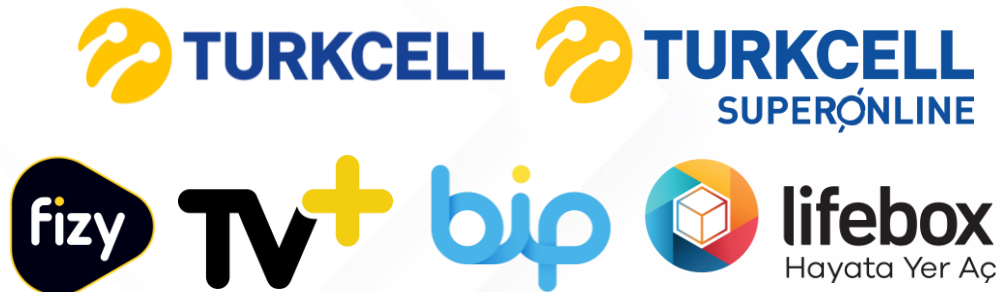
ORGANIZATION: Turkcell Teknoloji

WORKSHOP NAME: Workshop#3-Digital, Chips and 6G

E-MAIL: abdurrahman.can@turkcell.com.tr

REPUBLIC OF TÜRKİYE
MINISTRY OF INDUSTRY
AND TECHNOLOGY
#NATIONAL TECHNOLOGY INITIATIVE

COMPETITIVE SECTORS PROGRAMME

TÜBİTAK

Description of the Organisation

R&D Company of Digital Operator

TURKCELL TURKCELL SUPERONLINE

fizy TV+ bip lifebox Hayata Yer Aç

4,68 Billion € Turnover*

Over 1000 ICT Researchers

More Than 4500 Patent Applications

Over 30 Million Customers
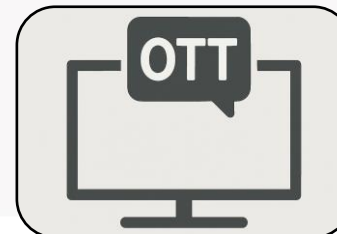
Fields of Activity

Telecommunications

Data Centers

OTT (Over-the-Top) Messaging Services

OTT TV Services

OTT Music Services

Industrial & Financial Infrastructure Solutions

*Turkcell's Turnover

ICTürkiye2025
10 April, İstanbul

Your Teams' Expertise

Proposal Writing

Project Management

Consortium Creation

Technology Provider

Use Case Provider

Your Research Fields

Smart Connectivity and Cloud Infrastructure

•Roaming and mobile communication solutions
•5G and beyond network Technologies
•loud-native platforms and OTT services
•Content Delivery Networks (CDN),
•AIOps / DevOpsCybersecurity and blockchain technologies

Data Intelligence and AI Solutions

•Big data processing and business intelligence
•AI for image, video, text, and voice analytics (NLP, voice, computer vision)
•Recommendation engines
•Robotic Process Automation (RPA)
•Mobile analytics and automation tools

Customer Experience and Digital Services

•CRM and campaign management systems
•Digital identity and secure access technologies
•Mobile marketing, email, and user engagement tools
•Robotic assistants and personalized interaction services

IoT and Next-Gen Applications

•Internet of Things (IoT) solutions
•Location-based services and geographic information systems (GIS)
•Mobile financial services and innovative payment technologies
•IPTV, music, and entertainment platforms
•Business applications and service platforms

Membership:

Board Membership: ITEA 4   CELTIC-NEXT

Your On-going Projects

Total	40 EU Project
• 9	H2020/Horizon Europe
• 31	Eureka/Eurostars

ICTürkiye2025
10 April, İstanbul

Project Idea

Calls of Interest:

Connected collaborative computing (3C) networks, Telco Edge Cloud, Cognitive and Generative AI, Software Engineering for AI, Virtual Worlds (Web 4.0), Cybersecurity, Critical Infrastructure Resilience, Disaster Risk Management, Advanced Manufacturing, Smart Mobility (CCAM), Energy Efficiency and Net-zero Technologies.

What Can Offer:

Provision of advanced ICT solutions, realistic and scalable use cases, extensive technical expertise from 1000+ researchers specialized in telecommunications, AI, cybersecurity, autonomous systems, distributed computing, digital services, energy systems, and resilience technologies.

HORIZON-CL4-2025-03-DATA-08: Large-scale pilots for supply end-to-end infrastructures integrating device, network computing and communication capabilities for Telco Edge Cloud deployments, as a basis for Connected Collaborative Computing Networks (3C networks) (RIA)

HORIZON-CL4-2025-04-DATA-02: Empowering AI/GenAI along the Cognitive Computing continuum (RIA) (AI/Data/Robotics Partnership)

HORIZON-CL4-2025-04-DATA-03: Software Engineering for AI and Generative AI (RIA) (AI/Data/Robotics Partnership)

HORIZON-CL4-2025-03-DIGITAL-EMERGING-05: Innovative Advanced Materials (IAMs) for photonics, enabling low-power and ultra-broadband performance for telecommunication (IA/RIA) (New European Partnership on innovative materials)

HORIZON-CL4-2025-04-DIGITAL-EMERGING-01: Active sensor technologies and multimodal sensor integration for multiple application domains (IA) (Photonics Partnership)

HORIZON-CL4-2025-03-HUMAN-16: Drive the evolution of the internet towards open and interoperable Web 4.0 and Virtual Worlds : building blocks in priority areas (RIA) (Virtual Worlds Partnership)

HORIZON-CL3-2025-01-INFRA-01: Open topic for improved preparedness for, response to and recovery from large-scale disruptions of critical infrastructures

HORIZON-CL3-2025-01-DRS-02: Open topic on Improving disaster risk management and governance to ensure self-sufficiency and sustainability of operations in support of enhanced resilience

HORIZON-CL3-2025-01-DRS-03: Open topic on Testing / validating tools, technologies and data used in cross-border prevention, preparedness and responses to climate extreme and geological events and chemical, biological or radiological emergency threats

HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-01: Integrated approaches for remanufacturing (Made in Europe Partnership) (IA)

HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-11: Enhanced logistics and operations of construction sites (IA)

HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-32: Green and resilient flexible production processes (Processes4Planet partnership) (IA)

HORIZON-CL4-2025-03-DATA-13: Fostering Innovative and Compliant Data Ecosystems (IA) (AI, Data and Robotics Partnership)

HORIZON-CL4-2025-03-DIGITAL-EMERGING-07: Advancing General Purpose AI through Enhanced Learning Strategies (RIA) (AI/Data/Robotics Partnership)

HORIZON-CL4-2025-04-DIGITAL-EMERGING-04: Assessment methodologies for General Purpose AI capabilities and risks (RIA) (AI/Data/Robotics Partnership)

HORIZON-CL4-2025-04-DIGITAL-EMERGING-07: GenAI4EU in Robotics and industrial automation (RIA) (AI/Data/Robotics & Made in Europe Partnerships)

HORIZON-CL4-2025-04-DIGITAL-EMERGING-06: Challenge-Driven GenAI4EU Booster (RIA) (AI/Data/Robotics Partnership)

HORIZON-CL4-2025-03-HUMAN-15: Generative AI for Virtual Worlds: Advanced technologies for better performance and hyper personalised and immersive experience (IA) (AI/Data/Robotics & Virtual Worlds Partnerships)

ICTürkiye2025
10 April, İstanbul

Consortium - profile of known partners (if any)

No	Partner Name	Type	Country	Role in the Project
01				
02				
03				
04				
05				

Consortium – required partners

No	Expertise	Type	Country	Role in the project
01				
02				
03				
04				

PRESENTER CONTACT
DETAILS:
abdurrahman.can@turkcell.com.tr
COUNTRY:
Türkiye