

# EU Projects of ER in Türkiye



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## HEXA-X II



Start-end dates: 01.01.2023-30.06.2025

EU Contribution: € 22 999 795,14

**Summary:** HEXA X-II is the next European level **6G Flagship project**. It is funded through Horizon Europe SNS-JU. With participation of 44 partners **Ericsson is the technical manager**. The project covers the entire value-stack from hardware to system to platform to applications to service providers and a strong academic presence.

## TARGET-X



Start-end dates: 01.01.2023-30.06.2025

EU Contribution: € 13 162 555,38

**Summary:** The upcoming 6G wireless technology is already promising greater benefits. These include digital twinning, real-time communication and sensor-network data fusion. In this context, **TARGET-X project will speed up the digital transformation of key sectors like energy, construction, automotive and manufacturing**. Large-scale test beds will be set up. A selection of use cases will be established in the existing 5G test beds and new 5G/6G features will be integrated into the test beds and validated in evolved use cases.

## DESIRE6G

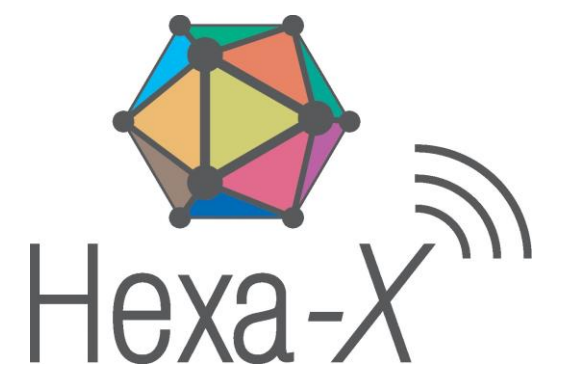


Start-end dates: 01.01.2023-31.12.2025

EU Contribution: € 5 874 905,00

**Summary:** DESIRE6G project aims to design and validate a **zero-touch control, management and orchestration platform** able to support applications that require **extreme ultra-reliable low-latency communications**. The design will feature near real-time autonomic networking and a cloud-native data plane layer to support multitenancy, backed by an extensive monitoring system. It will be tested in two situations using extended reality and a digital twin application.

## HEXA-X



Start-end dates: 01.01.2021-30.06.2023

EU Contribution: € 11 916 175,00

**Summary:** The Hexa-X vision is to **connect human, physical, and digital worlds with a fabric of 6G key enablers**. The ambition of the Hexa-X project includes developing key technology enablers in the areas of fundamentally new radio access technologies at high frequencies and high-resolution localization and sensing; connected intelligence through AI-driven air interface and governance for future networks, and 6G architectural enablers for network disaggregation and dynamic dependability.

## VERGE



Start-end dates: 01.01.2023-30.06.2025

EU Contribution: € 5 267 937,50

**Summary:** The VERGE project will design a **flexible, modular and converged edge platform to support distributed AI at the edge**. Focusing on security, privacy and trustworthiness, VERGE will carry out two use cases. The first will cover mixed reality driven edge-enabled industrial Beyond 5G applications in Turkey. The second will study edge-assisted autonomous tram operations in Italy. Results will be disseminated to academia, industry and the wider stakeholder community.



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