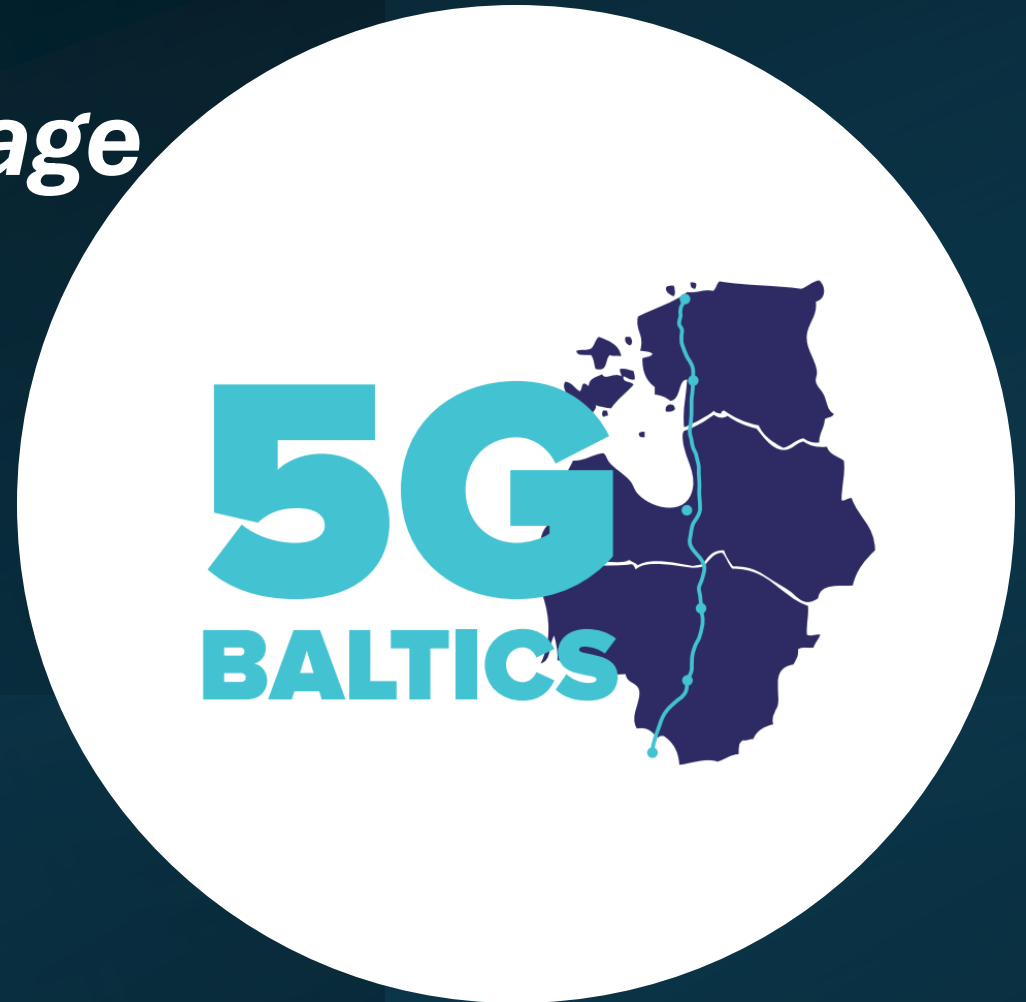


***Uninterrupted 5G Coverage
Across
Via Baltica Corridor***

Muhammad Mahtab Alam,
Project Coordinator, TalTech



General overview and key facts



Length: 663.2 km



Corridor: Kalvarija Municipality(Lithuania), cross-border: [Saločiai (Lithuania)/ Grenctāle (Latvia) and Ainaži (Latvia)/Ikla (Estonia)], Tallinn (Estonia)



Total EU grant: 8 287 283,50 € (50%)



Project duration: 01.01.2025 - 31.12.2027

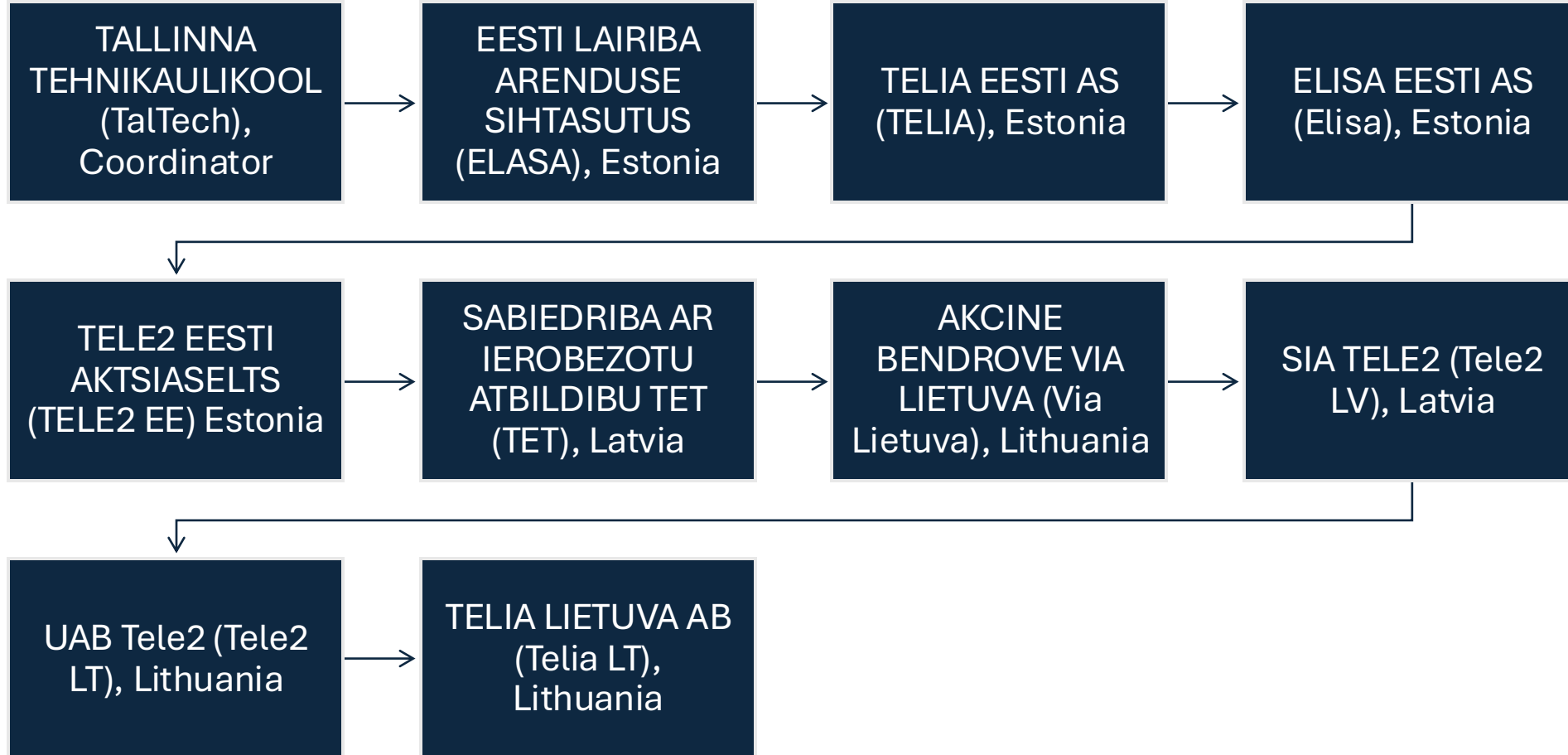


Transportation mode: Road



Spectrum bands: 700 MHz radio frequency band, 3400-3800 MHz radio frequency band spectrum

Project Partners



What will the project provide?

The project will provide uninterrupted, high-speed 5G connectivity along the entire Via Baltica corridor, spanning 663.2 km across Estonia, Latvia, and Lithuania

This enhanced digital infrastructure will ensure the following:

- 1) Reliable 5G connectivity across the whole via-Baltica TENT-T corridor
- 2) Solutions for handover mobility at the border-crossing points
- 3) Improved mobility services
- 4) Greater regional integration within the Baltic region
 - Enhanced digital services for businesses and citizens
 - Economic growth and innovation support
- 5) Alignment with EU's Sustainable and Smart Mobility and Gigabit Society strategies

How will the project progress?

In the initial phases, the project will involve detailed planning and coordination among the partners, including telecom operators and national authorities, to identify the optimal locations for infrastructure development. This will be followed by the construction and installation of both active and passive 5G infrastructure.

In Estonia, up to 8 new 5G sites will be installed along the 192.2 km section of the corridor. Latvia will develop 195 km of optical infrastructure and establish 27 new 5G sites, covering 203 km of its segment. Meanwhile, Lithuania will construct 15 radio base station towers and up to 20 active infrastructure sites along its 268 km section of Via Baltica.

Special emphasis will be placed on ensuring seamless coverage at border crossings to eliminate connectivity gaps. The project will progress in alignment with the EU's standards and policies for 5G deployment, including regular monitoring and reporting to ensure its objectives are met.

As the infrastructure is completed in stages, the project will focus on testing and fine-tuning the network to ensure reliability and uninterrupted service. The final outcome will be a fully operational, high-speed 5G network covering the entire Via Baltica corridor, contributing to smarter, greener, and more sustainable mobility across the Baltic region.

Synergies with other projects

- For the cross-border 5G innovative solutions, this task aims to develop synergies between previously funded H2020, CEF (call1 and call2) project as well as current big wave projects. similar CEF projects, and the solutions proposed in these projects. This will help to harmonize CEF projects. Furthermore, for this task, the solutions provided in these projects will be evaluated and assessed. The most convenient solutions will be employed in this project.

Thank you very
much!

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