

BALTCOR5G

Project Factsheet

TEN-T Corridor	BALTCOR – between cities of Częstochowa (Poland) and Ostrava/Svinov (Czech Republic)
Overall Length of the Corridor	147 km
Spectrum use	5G spectrum for MNOs coverage (with likely use of pioneering 5G bands like C-Band and 700 MHz) 5.9 GHz for V2X use cases
Targeted QoS	Coverage; Download/Upload Rate; Latency; Call Drop Rate
Use Cases Enabled	-Uninterrupted calls -Handover of ongoing data sessions to/from foreign PLMN -ITS G-5 / C-V2x coverage to support Connected Automated Mobility services.
Technology	Passive and Active infrastructure for MNOs (enabling them to offer LTE and 5G-based services). V2X for Connected Mobility
Edge and Cloud in the 5G Infrastructure	TBC
Total Costs	EUR 4.1m
CEF Funding	EUR 2.1m (50% of the total cost)

Shared 5G
Infrastructure
for MNOs

Supported
by European
CEF-2 Funds



Infrastructure to support
Connected Automated
Mobility (CAM)

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About Partners

Towerlink Poland and Cetin a.s., as neutral telecom infrastructure operators, **strongly believe that 5G infrastructures are essential for connected and automated mobility and the services involved** (safety and non-safety services), in consequence, this project is key for them, and they are eager to collaborate with the European Commission to develop a full pan-European road and rail network of 5G corridors.



(member of



- Part of the **largest independent TowerCo Company in Europe**
- Cellnex Telecom & its subsidiaries already have an **experience with several other EU-backed projects**, including CEF for other corridors.
- Towerlink Poland manages more than 8,000 base stations across the whole country, **managing both passive and active** (transmission & emission) infrastructure.
- In Poland, Towerlink cooperates with its two anchor tenants – **Polkomtel** and **Play** (part of Iliad Group), as well as two other partners – T-Mobile and Orange.

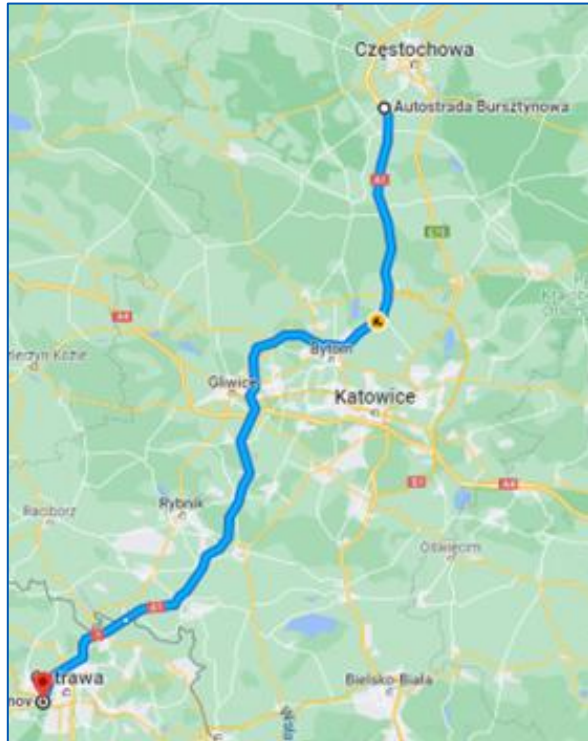


- We operate the **largest public communications network in the Czech Republic**, covering 99.6 % of the population through fixed and mobile technologies (over more than 6,000 base stations).
- We provide wholesale electronic communications services on an **open network access principle** to all operators. As **critical infrastructure** entity, security and reliability are integral to our operation.
- CETIN a.s. is part of **CETIN Group**, which combines wholesale infrastructure providers from Czechia, Hungary, Bulgaria and Serbia, forming a leading CEE based telco group.

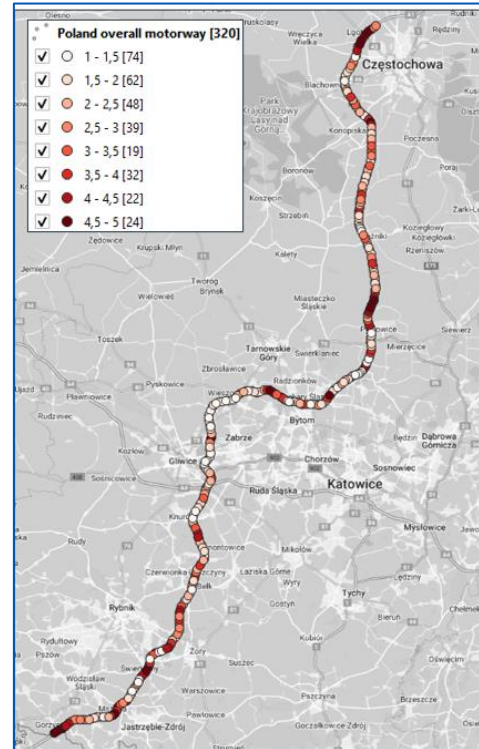
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Scope of the Project

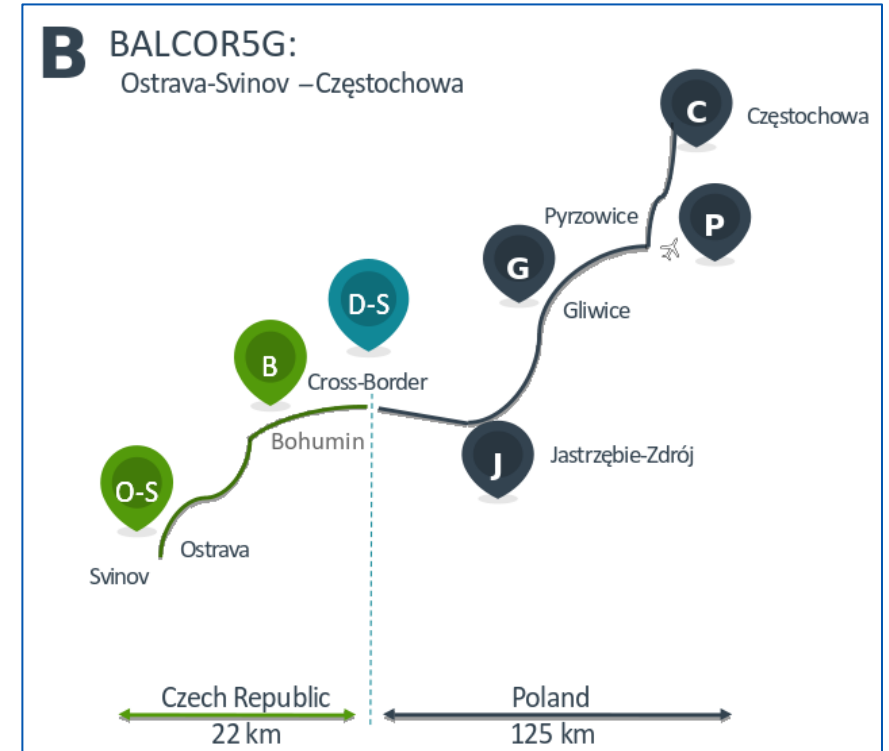
A Corridor definition



B Detailed analyses



C Scope alignment

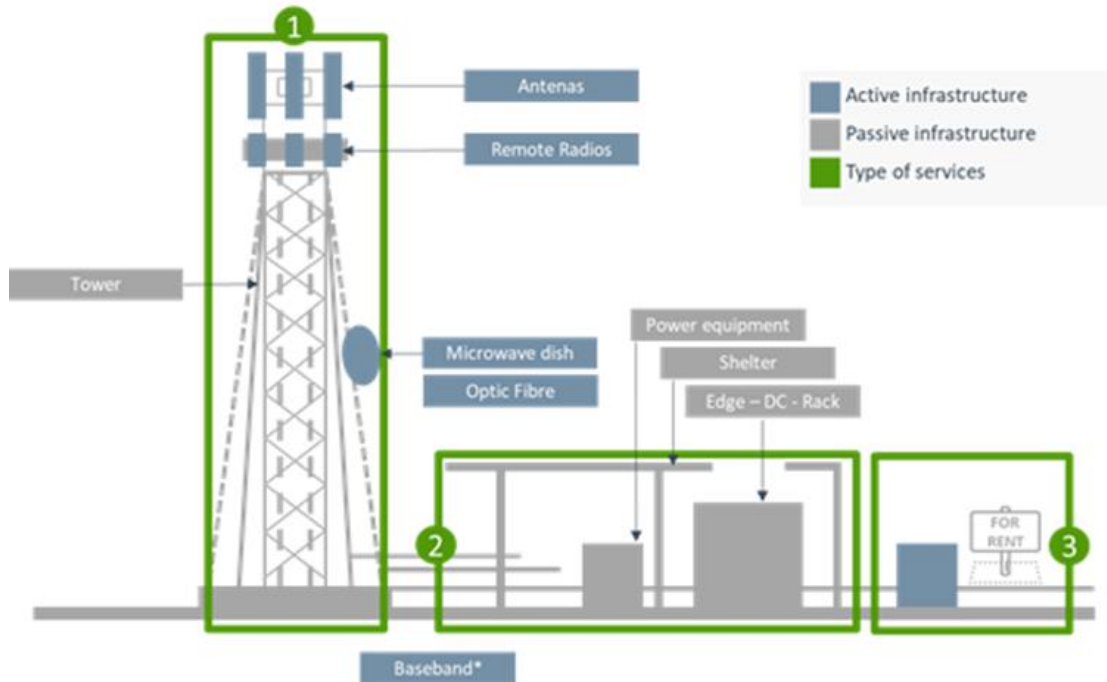


The entire route of the project runs for 147 km and connects several key population and economic centres on both sides of the border.

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Technical Concept

1 BASE: 5G Connectivity



2 EXTENSION: V2X Connectivity

Product 3 C Side-link + Green Edge Liquid sites

