Co-funded by the European Union

ZSSK CARGO

Project name:	Implementation of ERTMS / ETCS vehicle part on ZSSK CARGO series 363 locomotives
Project acronym:	24-SK-TC-ERTMS_ZSSK_CARGO
Location of the Action:	Slovakia
Call:	CEF-T-2024- SIMOBCOEN
Topic:	CEF-T-2024-SIMOBCOEN-ERTMS-UNITS
Type of action:	CEF-ERTMS-UN
Granting authority:	The European Climate, Infrastructure and Environment Executive Agency
Project duration:	55 months
Maximum EU contribution:	5 680 000 EUR

The project aims to establish a smart and interoperable mobility system by installing ETCS Level 2 Baseline 3 on a fleet of 23 electric freight international locomotives owned by Železničná spoločnosť Cargo Slovakia, a.s. (ZSSK CARGO). The project consists of a prototype and retrofitting part. The prototype part will be implemented on 1 locomotive series 363. The serial retrofitting part will involve 22 locomotives of the same series.

The project is directly related to the implementation of the principle of interoperability of the trans-European rail system for control-command and signalling (CCS), which is required by Commission Implementing Regulation (EU) 2017/6 of 5 January 2017 on the European Rail Traffic Management System European deployment plan to be carried out on the TEN-T corridors by 2030 at the latest.

Our company uses several types of locomotives (both electric and diesel). Some are designed for intrastate transport others for transport outside the territory of the Slovak republic.

The locomotive series 363 is an electric locomotive approved for operation on the railway lines of the Slovak Republic, the Czech Republic and the Republic of Hungary using 3 kV DC and 25 kV / 50Hz AC power supply systems. It is equipped with the national train control systems of all the countries where its operation has been approved.