Project Newsletter #10

Rail4Regions is an Interreg Central Europe project that is aiming at improving the access to the European rail freight networks. The project is now in its final year.

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Rail4Regions´ Solutions for advancing rail freight transportation released

Following a pilot phase last autumn and winter, the four transnational working groups of the project have finalized their work and put forward four solutions that have a potential to raise the share of railways in the modal split of the transportation of freight. These solutions address rail hubs, sidings, branch lines and single wagon load transport. In the final phase of the project, project partners and external stakeholders are tasked to elaborate action plans to foster the uptake of these solutions in Central European regions and countries.

Check the Solutions

Mainly by rail: Transport of the materials for the construction of the Dukovany Nuclear Power Plant

While the Czech Republic´s energy supply still is dominated by coal-fired power plants, this will fundamentally change due to the shift away from coal. To ensure a stable electricity supply and reduce dependence on fossil fuels, the Czech government decided on a construction of two nuclear reactor units at Dukovany power plant. The new units, each with a capacity of 1,150 MW, will have replaced the existing four reactors that were commissioned about 40 years ago.

The construction of new units is planned stepwise until 2038 according to last news. Despite the period lasting over one decade, the preparatory planning already started few years ago. The owner of the power plant, the state company ČEZ, reconstructed two bridges on the industrial siding that connects the Dukovany powerplant with the railway network in Rakšice.

The siding which has been in operation since 1975 is currently used for transport of chemical substances required for the operation of the nuclear units, fuel for diesel generators and large technological components such as packaging sets for the spent nuclear fuel. Besides the current transportation needs, the railway transport will be significantly in use during the construction of new nuclear units. New tracks on the site of construction will be built up and the overall condition of the siding will be enhanced. Investments between 10 and 20 million Euros into the sidings including the station Rakšice are expected. It is hoped that the trains could decline damages of roads leading to the powerplant that will be extensively used by traffic caused by transporting of construction materials. In this way, the freight railway transport can contribute to success of unique and significant project for the Czech energy sector.

Meet our partners: University North (HR)

University North is a public higher education institution with campuses in Varaždin and Koprivnica, attended by more than 5,000 students. Established in 2015, it aims to strengthen regional development and

applied education. One of its distinctive organizational units is the Department for Logistics and Sustainable Mobility, unique in name and focus within the Croatian higher education system. The department is dedicated to educating professionals in planning, managing, and developing sustainable transport systems, with an emphasis on green transition and environmental efficiency.

In the Rail4Regions project, University North participates as a project partner, with activities implemented by experts from this very department. Their involvement contributes to the development of innovative solutions for optimizing regional rail freight transport, while also promoting knowledge exchange and good practices among European partners, supporting sustainable transport policies at the regional level.

Rail4Regions

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