

Arctic Railway Infrastructure in Kolarctic - ARINKA



Photo: G. Rúnar Guðmundsson / Alm & ME

Arctic Railway Infrastructure in Kolarctic (KO2011 ARINKA)

Programme funding: 1 528 207 € Total budget: 1 698 008 €
Duration: 15.10.2018 – 31.10.2021

Call for proposal: 2nd call for proposal

Type of the project: Standard Project

Priority axis: 2. Fluent mobility of people, goods and knowledge

Thematic objective: 7. Improvement of accessibility to the regions, development of sustainable and climate-proof transport and communication networks and systems.

Main objective - The main programme thematic objective that the Kolarctic CBC 2014-2020 Project aims to address is Business and SME development, under the thematic objectives; TO7 Improvement of accessibility to regions, development of sustainable and climate-proof transport and communication networks and systems.

The project “Arctic Railway Infrastructure in Kolarctic (ARINKA)” aims to develop a cross-border railway research and development collaboration between parties from different countries in the Kolarctic region. The project aims to exchange railway technical know-how and best-practice solutions. The goals are to make the Kolarctic railway more reliable through robust infrastructure solutions, to obtain more cost-effective maintenance and repair operations, and to develop railway infrastructure monitoring through advanced sensor technology solutions.



A very competent project group has been established with partners who have complementary knowledge within the most relevant railway technical disciplines. The project is led by Northern Research Institute Narvik (NORUT Narvik).

Other project partners are:

- Federal State Budget Educational Institute for Higher Educational “Emperor Alexander I St. Petersburg State Transport University (PGUPS)”, St. Petersburg, Russia
- Luleå University of Technology (LTU), Luleå, Sweden
- Kola Science Center of the Russian Academy of Sciences (KSC RAS), Apatity, Russia
- Lapland University of Applied Sciences (LUAS), Kemi, Finland
- Bane NOR, Narvik, Norway
- Finnish Transportation Infrastructure Agency (FTIA – VÄLYÄ), Finland
- Trafikverket, Luleå, Sverige
- October Railway, Branch of Joint Stock Company “Russian Railways”, Russia

The project is divided into the following work packages:

- WP 1 Management & Coordination
- WP 2 Competence Building & Cross-border Experience Transfer
- WP 3 Railway Infrastructure
- WP 4 Railway Operations & Maintenance
- WP 5 Railway Monitoring & Measurement

The project is financed through the Kolarctic CBC 2014 – 2020 Programme, which is a program that supports collaboration between Northern Scandinavia and North-West Russia. The project is also partly financed by the Nordland County Council and Region Norrbotten.

For more information please visit the project website: www.arinka.eu

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