



Project title: STUDY ON THE SUSTAINABILITY AND EFFICIENCY OF THE ROMANIAN RAILWAY NETWORK

Type of non-reimbursable financial assistance: European non-reimbursable assistance was provided from the European Regional Development Fund through the Large Infrastructure Operational Program 2014-2020.

The total value of the project was 6,168,783.94 lei, the financing being distributed as follows:

- 85% contribution of the European Union from the European Regional Development Fund - 4,470,601.69 lei,
- 15% contribution of the Romanian Government - 788,930.00 lei,
- ineligible expenses, including VAT - 909,252.25 lei.

Beneficiary of the project: RAILWAY REFORM AUTHORITY (RRA)

Implementation period:

Between **September 1st 2018 - May 30th 2020** - the consultancy contract between the RRA and the consortium designated for the study, consisting of: S.C. Synergetics Corporation S.R.L. (Romania), Panteia B.V. (Netherlands), Railistics GmbH (Germany), AV Transport Planning S.R.L. (Romania). On May 25th 2020 the consultants submitted the final report of the project and on June 23rd 2020 a video conference was organized to present the conclusions of the study.

The purpose of the project - a comprehensive analysis of the efficiency of the Romanian railway network, including cost-benefit analysis for the railway lines. The purpose of the analysis was to identify the necessary measures in order to concentrate the railway transport on a sustainable network, which can be efficiently operated by the rail infrastructure manager. Throughout the project, 113 railway lines were analyzed, 97 of them being part of the non-interoperable infrastructure.

Specific objectives of the project:

- functional, technical, contractual and operational analysis;
- cost-benefit analysis including socio-economic analysis, financial analysis and administrative areas served by non-interoperable lines and connections;

- analysis of the need for mobility in the areas served by railway lines and railway infrastructure connections;
- impact and sustainability analysis at the level of the entire railway network, taking into account the overall volume of public resources allocated to railway transport considered sustainable from a budgetary point of view;
- identifying possible efficiency measures for rail transport to be a viable alternative to other modes of transport;
- establishing concrete ways of streamlining and absorbing passenger and/or freight traffic on railway lines belonging to non-interoperable railway infrastructure on railway lines belonging to interoperable railway infrastructure, in order to ensure a railway transport with direct and continuous access from the neighboring areas to the industrialized and developed centers.

The main results of the project: The proposal of solutions to be put into practice by the RRA, by CNCF "CFR" - S.A. and central and local administrations, in order to create a socio-economically and financially sustainable rail network.