

TRANSPORT MODELLER

Rail Baltica is the largest Baltic transport infrastructure project that will create the North-East economic corridor. It will be an electrified, high speed railway line with modern infrastructure for passenger and freight services, ensuring environmentally friendly and fast transportation from Tallinn to the Lithuanian-Polish border. Rail Baltica will connect the Baltic States with Central and Western Europe. The project is largely co-financed by the European Union. It must be well-governed, with clear financial flows and procurement systems. RB Rail AS is looking for a new enthusiastic COLLEAGUE to join our growing team in a position of Transport Modeller.

Our ambition is to plan, monitor and control the delivery the new best-in-class, innovative, environmentally friendly railway infrastructure with cost competitive technical solution in the region to improve the long-term well-being of the society of the Baltic States and European community. We plan, develop and manage all technical aspects of entire Rail Baltica project to achieve cross-border interoperability. RB Rail AS is the three Baltic States' joint venture, it was established in October 2014 and is registered in Latvia. Main business of the joint venture is the design, construction and marketing of the railway. RB Rail acts as a main coordinator of the project.

JOB PURPOSE

This position will contribute a critical expertise and capacity to the Rail Baltica project, henceforth "the project", with respect to a variety of tasks including (i) supporting the development of the new Rail Baltica demand model, (ii) implementing transport demand modelling and forecasts for international, regional and urban traffic, using the Rail Baltica demand model as well as developing target analyses and impact assessments for specific necessities, (iii) supporting socio-economic analyses related to the impact of the project, environmental and life-cycle impact analyses, including contributing to the implementation of the project upcoming cost-benefit analysis study and business plan, as well as other studies related to the long-term development of Rail Baltica.

REQUIREMENTS

- M.Sc. degree in transportation engineering, transport economics, logistics, and other fields relatable to the quantitative analysis applied to transport studies and demand modelling; Ph.D. in transport studies, mathematical modelling or related field as well as professional certificates and advanced training in subjects related to transport engineering or economics will be viewed as an advantage.
- At least 3 years professional experience related to transport planning, transport economics and engineering in a professional industry environment – either on service provider side or client side will be viewed as an advantage.
- A successful candidate will be able to demonstrate expert knowledge of the usage of transport modelling commercial software packages, including PTV VISUM, as well as coding skills in (open) software languages commonly used in the transportation field.
- Strong proficiency in the Microsoft 365 productivity tools, including but not limited to Teams and office suite, as well as strong overall computer and online literacy.
- Fluency in English as the primary working language (both written and spoken, at least CEFR language proficiency level C1, with a deep familiarity with multimodal transport and logistics terminology.
- Strong sense of initiative and responsibility.
- Strong communication skills and willingness to work in a closely collaborative team environment.
- Resilience to coping with complexity and conflicting demands; high stress resistance.
- High ethical standards, integrity and an impeccable reputation.
- Commitment to excellence and continuous improvement.

RESPONSIBILITIES

- Supports the activities related to the development of the Rail Baltica global project demand model.
- Performs demand modelling and forecasts analyses related to the project, using the Rail Baltica global project demand model as well as developing targeted analyses.
- Supports and performs socio-economic as well as impacts analyses and studies related to the long-term development of Rail Baltica.
- Support the development of key horizontal studies, including but not limited to transport demand model, Cost-Benefit Analysis, Long-Term Business Plan, Infrastructure Access Charging Study, international and regional station development studies, and other key Global Project studies/analyses managed or supported by the Strategy & Development team.
- Works closely with the Transport Economist and acts as deputy manager for project-related socio-economic studies.
- Performs data collection activities on subjects of interest.
- Performs scientific review and international benchmarking activities on subjects of interest.
- Supports activities performed by other Rail Baltica departments, related, but not limited to, station design and operation, system operation, value engineering, etc, as per Transport Economist or Head of Department requests.
- Supports the broader activities of the Strategy & Development team.
- Actively participates in the identification and design of upcoming studies, as per Global Project needs and Strategy & Development team subject priorities, as well as in the implementation of the administrative procedures required for their internal and external approval.
- Works closely with Transport Economist and Strategy & Development Project Coordinator to ensure compliance of performed tasks and projects with the company's project management guidelines and other administrative, reporting, and legal requirements.

OFFICE LOCATION

Full time located in Riga, Latvia

SALARY

Starting from 3300 EUR (before taxes).

APPLICATION PROCESS

If you are willing to be a part of the challenging and unique project, and your experience and personality match the position's requirements, please, send your CV and motivation letter in English with the subject "Transport Modeller" to RB Rail AS recruitment partners SIA "Recruitment Latvia": rbrail@cvor.lv by the deadline date.

By submitting this application (CV, motivation letter, etc) the applicant provides the authorisation for the processing of personal data by RB Rail AS ("Controller") and SIA "Recruitment Latvia", Reg. No 40003955719, as its respective recruitment partners. The personal data indicated in the application documents will be processed for the purposes of the recruitment and hiring processes only as is legally permissible under Art. 6(1)(f) of Regulation (EU) 2016/679 (General Data Protection Regulation)



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