

Interoperability of the rail system (Directive 2008/57/EC and new Directive (EU) 2016/797)

Please consult the Call for Expression for full information on the specific tasks, general specifications and the application. Specific requirements for this sector include:

Qualifications

- Master degree (or equivalent) in a relevant subject and 8 years of proven relevant professional experience relevant for the railways,
or
- Bachelor degree (or equivalent) in a relevant subject and 10 years of proven relevant professional experience relevant for the railways,
or
- An outstanding proven relevant professional experience of at least 15 years

Expertise

- A proven track record of working with harmonised and international standards in the field of Interoperability of the rail system
- Knowledge of relevant European Union directives and specially of directive 2016/797 (Railway interoperability) and directive 2016/798 (Railway safety) and the essential requirements described thereof
- knowledge of the relevant European Union technical regulations for railways and specially of the Technical Specifications for Interoperability (including their technical documents and application guides) as necessary: TSI INF, TSI ENE, TSI CCS, TSI LOC&PAS, TSI WAG, TSI PRM, TSI SRT, TSI NOI, TSI OPE, TSI TAF, TSI TAP
- Experience with the theoretical and practical aspects of the technologies and test methods covered by the relevant directives and TSIs in one or several fields listed above, including their interfaces and safe integration into the rail system

Candidates should have preferably a good understanding of the following topics:

- Safety engineering and risk assessment techniques
- Mechanical engineering
- Building engineering and construction
- Electrical engineering
- Railway engineering
- Materials technology
- Electronics
- Electromagnetic compatibility
- Ergonomic/accessibility
- Acoustics and vibration
- Measurement and testing