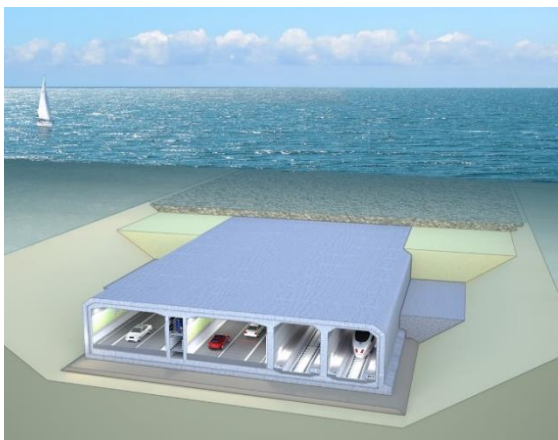




On-site-visit

<p>DIRECTIVE 2004/54/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 29 April 2004 on minimum safety requirements for tunnels in the trans-European road network</p> <p>Article 7</p> <p>Inspection entity</p> <p>Member States shall ensure that inspections, evaluations and tests are carried out by inspection entities. The administrative authority may perform this function. Any entity performing the inspections, evaluations and tests must have a high level of competence and high quality procedures and must be functionally independent from the Tunnel Manager.</p>

Extract of EU-Directive 2004/54/EC



Section of the 18 km Fehmarn Belt Tunnel (DE/ DK)

HBI has the high level of competence and broad experience required to serve as an independent inspection entity. The service that includes assessment of the safety and scrutiny of the safety documentation is targeted to assist in particular the administrative authority.

The EU-Directive 2004/54/EC dated 29 April 2004 on minimum safety requirements for tunnels in the trans-European road network prescribes that a safety documentation has to exist. Moreover, the organization shall consist of various entities with clearly defined roles and responsibilities: administrative authority, tunnel manager, inspection entity and safety officer.

Our services

- All assignments required by the inspection entity according to Directive 2004/54/EC and hence also the verification of the safety documentation from an expert specialized in this field
- High level of competence and high quality of procedures
- Knowledge of national and international regulations and guidelines
- Impartial experts providing the required opinion on the safety documentation
- Examination of the completeness of the safety documentation and incorporation of an early improvement phase
- Timely periodic inspections
- On-site-visit, integral tests and smoke egress tests
- Supervision, co-ordination and acceptance of improvement measures

Your benefit

- Final report in the respective national languages
- Numerous international references, e.g.:
 - Fehmarn Belt Tunnel (18km), Denmark and Germany i.e. two administrative authorities
 - A11 Karawanken (8km), Austria and Slovenia i.e. two administrative authorities
 - S16 Arlberg (15km), Austria
 - A10 Tauern (10km), Austria
 - Further tunnels in Austria, Denmark, Germany, and Sweden