

Swiss Railway Engineering



**Swiss Quality
and Experience
are working for you**



Quality is the Key to Success

At Swiss Railway Engineering, working to the needs of our customers and providing high-quality project management and engineering expertise are of absolute importance to us. We bring the benefits of the experience and methods from the Swiss railway network as well as Best Practices from 1st class railway projects worldwide to your organisation.



Our Competences...

Project Management

A major factor for the success of your railway project is professional project management. With our experience in leading railway projects around the world, we are committed to ensuring that projects are completed on time and in budget. We provide you with 1st class, high-quality project management, applying state-of-the-art methods and tools tailored to your project needs.

Project Financing

With our experience in financial planning and acquisition for large railway projects, we can support your endeavour by developing quality-based business plans, detailed business cases, as well as supply you with unique, innovative financing models. With support from international finance partners, we are proficient at handling complex financing for capital intensive projects.

Feasibility Studies & Concepts

With our international experience in the development of railway feasibility studies, Swiss Railway Engineering is an optimal partner for completing detailed studies and project concepts for you and your customers. Our studies will help you map out the goals of the project, clearly define the project scope, provide solid cost calculations, deliver performance specifications and identify the best solutions for your project and its stakeholders.

Risk Management & Assessment

Motivated by our client's needs as well as the demands from government and private organisations, we provide integrated comprehensive risk management services, overseeing and working at all levels of risk analysis and management. We identify and assess project and organisational risks by systematically applying proven methods and high-end tools.



Our Company

Swiss Railway Engineering, SRE GmbH is a leading, dynamic Centre of Excellence for railway project management, engineering and technologies - a nexus for quality, knowledge, experience and innovation.



System Requirements Engineering & Management

In the complex world of railway systems - with their exceptional requirements regarding safety, performance and reliability - formal requirements are the key to successful projects. Swiss Railway Engineering provides cutting-edge, high-quality requirements management and engineering for its international, high-profile customers such as the AlpTransit Gotthard, Euro-Interlocking, SBB SWISS and Bangalore Metro/LRT projects.

System Design & Specification

In close co-operation with the client and the project stakeholders, we develop innovative yet pragmatic railway system designs and specifications, based on the needs of the customer. Our designs and specifications are based on the concept "as much as is needed, as little as necessary", in order to provide the client with the optimal systems at minimum costs.

CENELEC Safety Standards & System Approvals

Today, many railway and government organisations demand that the railway systems implemented meet the strict requirements of the European CENELEC Safety Standards in order to obtain system approval. At Swiss Railway Engineering, we have broad experience with the application of the CENELEC Standards, also supporting system supply companies such as Siemens, Thales, Bombardier and Alstom in the system approval processes.

Project Cost Controlling

Applying standard methods and tools, Swiss Railway Engineering offers stringent and systematic project cost controlling to their clients. Through this, the project financial situation and status can be rigorously controlled and managed by key partners in the given project.

Our worldwide experience in the management and engineering of railway projects includes the following:

AlpTransit Gotthard Base Tunnel Project; ATG AG, Switzerland

London Crossrail Project; Capita Symonds Ltd., United Kingdom

SwissRapide Ultra-speed Maglev Project; SwissRapide AG, Zurich

HSL Zuid High Speed Line, The Netherlands; Siemens AG, Germany

Saudi Landbridge Project, Saudi Arabia; TOYO Engineering Ltd. Japan

Indian Western Dedicated Freight Corridor Project; Mitsui/TOYO, Japan

AlpTransit Lötschberg Base Tunnel Project; Siemens AG, Switzerland

EURO-INTERLOCKING Project, International Union of Railways, Paris

Bangalore Monorail/LRT Project, BARL; Capita Symonds Ltd., India

Mattstetten-Rothrist High Speed Line; Siemens AG, Switzerland

Finnish ERTMS Project; Finnish Transport Agency, Helsinki

Ceneri Base Tunnel Project; Alpiq InTec AG, Switzerland

Oman Railway Project; Al Habib Ltd., Muscat Oman

SBB SWISS Project, Swiss Federal Railways, Bern

