



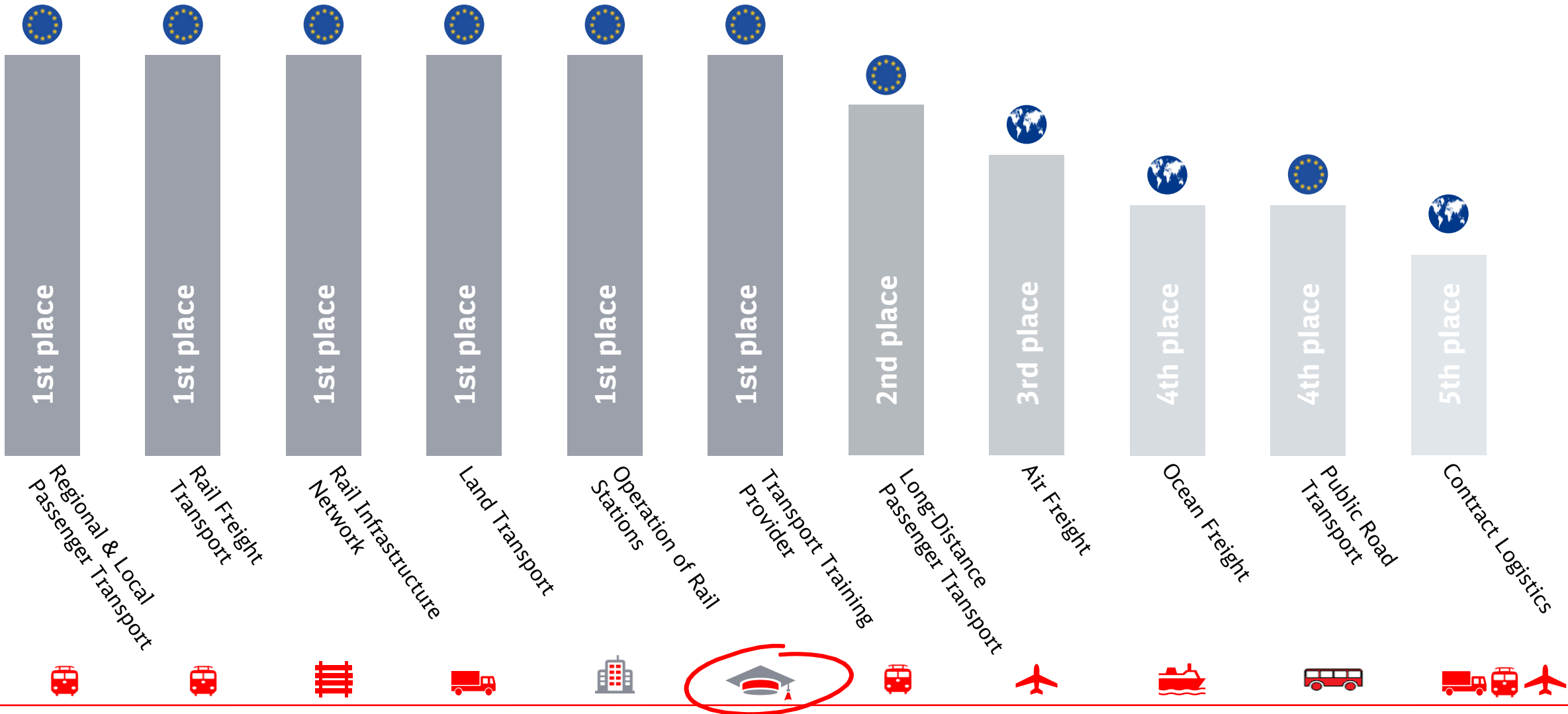
Get on track with DB Rail Academy

Worldwide high-quality training

Heiko Scholz
Frankfurt, February 2020

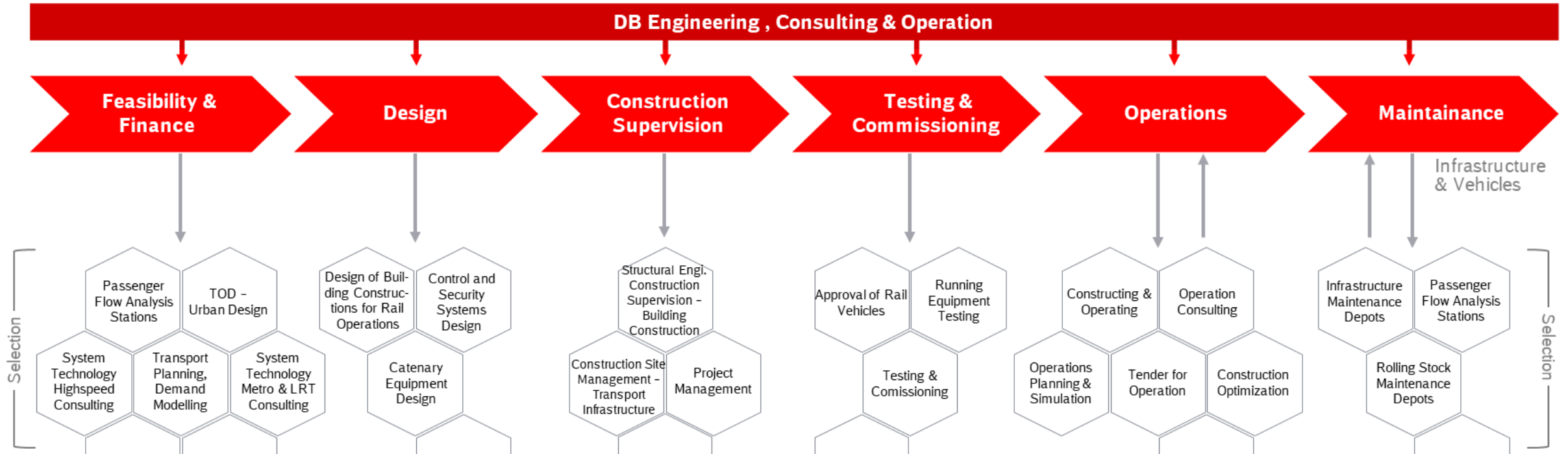
DB Rail Academy
by DB Engineering & Consulting GmbH

DB Group has leading marketing positions In Europe and throughout the world



We offer from idea to operation

Customized products for every life cycle phase



DB is one of the biggest training provider in Europe

Deutsche Bahn provides training for the transportat sector

- 25.000 trainings for 250.000 participants p.a.
- 65 locations in Germany
- 1.160 trainer, instructors, psychologists and 2.000 partners
- 95% job offers after successful vocational training
- 18 training center
- 36 operational and technical practice facilities
- 18 full motion simulators in 12 simulation centers
- 20.000 new employees p.a
- 3.000 different technical, managerial, soft skill courses
- 11.000 permanent apprentices in 50 occupations
- 96% Recommendation rate



DB is one of the biggest training provider in Europe

Our trainings emphasis the mixture of theory and practice



DB Rail Academy is DB Group's international training provider

We are a full service training provider for the global transport sector

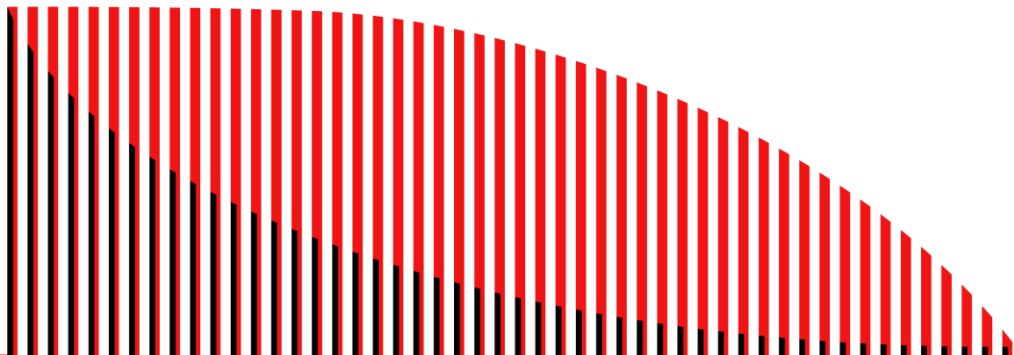
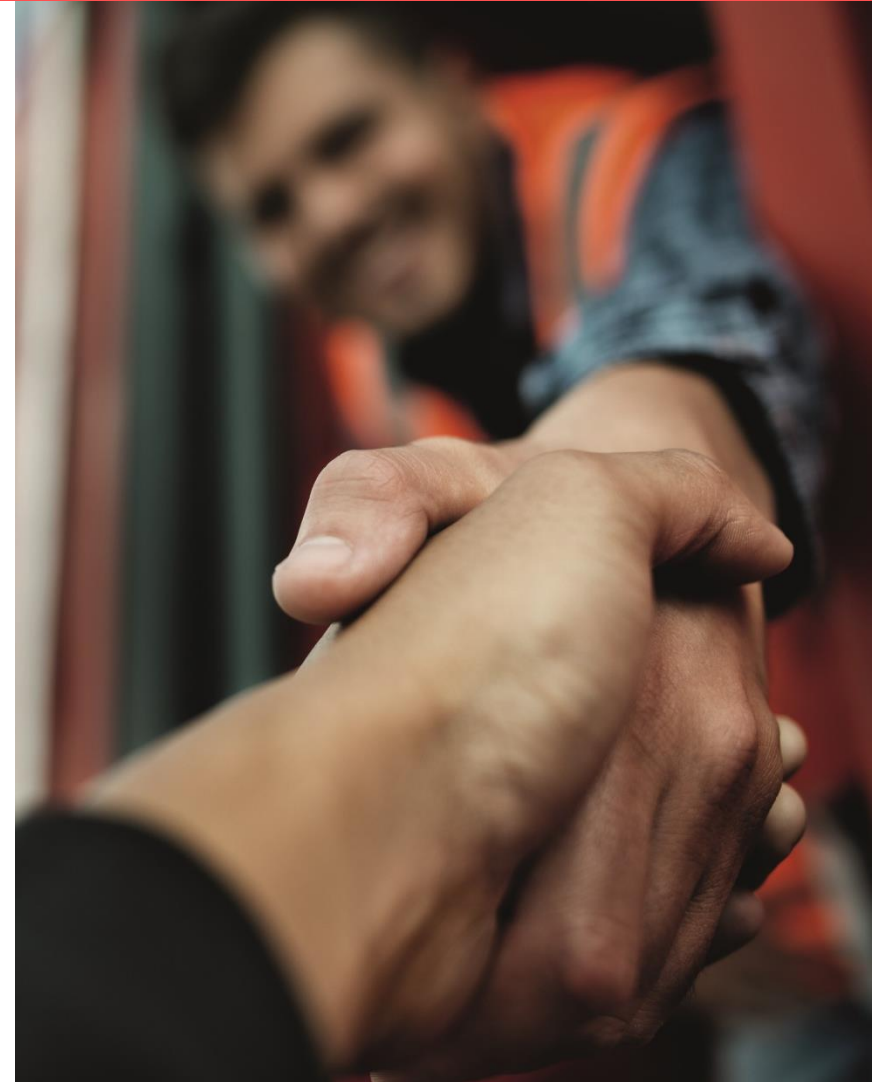


DB Rail Academy offers sustainable concepts, customized training content and modularized architectures **for all transport modes.**

With our trainings we enable our clients through **profound knowledge transfer** about transport and mobility turns our clients into experts.

Our high quality training approach is holistic and based on **180 years of railway experience.**

Internationally recognized qualifications certify not only the next level. Our clients will be ready to meet the challenges of future mobility.



DB Rail Academy is worldwide active

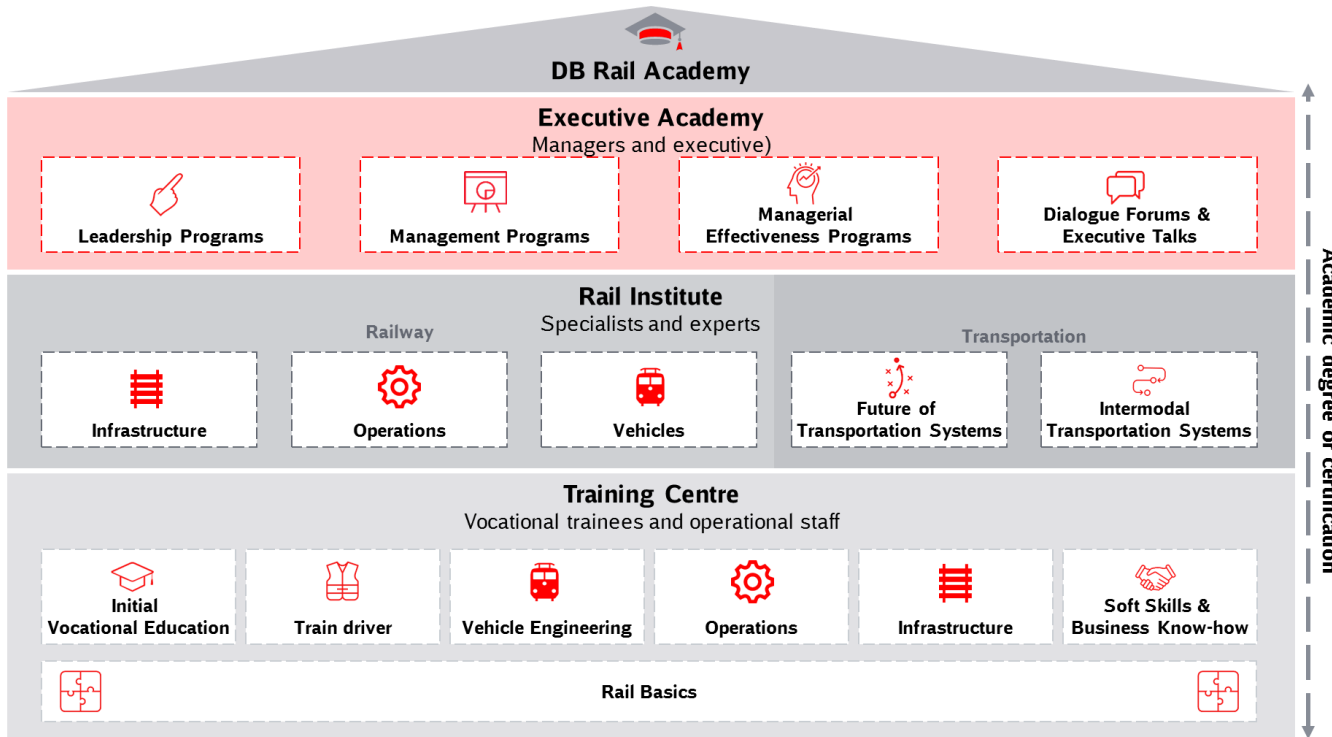
Success stories are currently written in 22 countries



DB Rail Academy is DB's international training provider



Our portfolio covers all areas within the mobility sector



Based on 180 years of rail expertise



Comprehensive but modular concept



Based on training standards and DB's methodology



Executed worldwide in the transport sector in different production models



According to market needs, national, technological, legal and cultural requirements



DB cooperates with more than 55 Universities worldwide

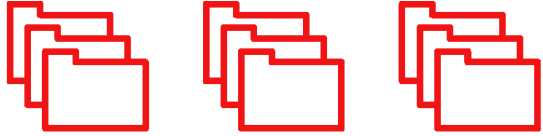


Beneficial cooperation between operator and university



DB Rail Academy's portfolio covers all areas

Individual needs are represented throughout our modularized structure



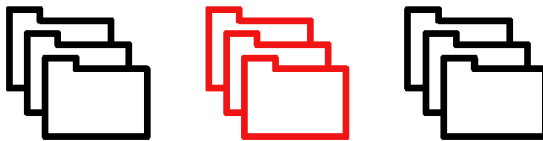
Large Variety:

Our portfolio covers all subjects related to railway and logistics as well as for all types of profiles and occupations. Based on the level of experience and target, each participant is able to find his/her ideal training



Modularized structure:

Our portfolio is modularized and single or multiple trainings according to level of experiences can be combined individually. Horizontal training paths enable a comprehensive and generalistic education.



Specialized structure:

The combination of trainings within a field of competence with different level of difficulty and level of experiences ensures a specialized development path through a vertical education.



Certification:

All trainings and programs are certified according to DB standards.

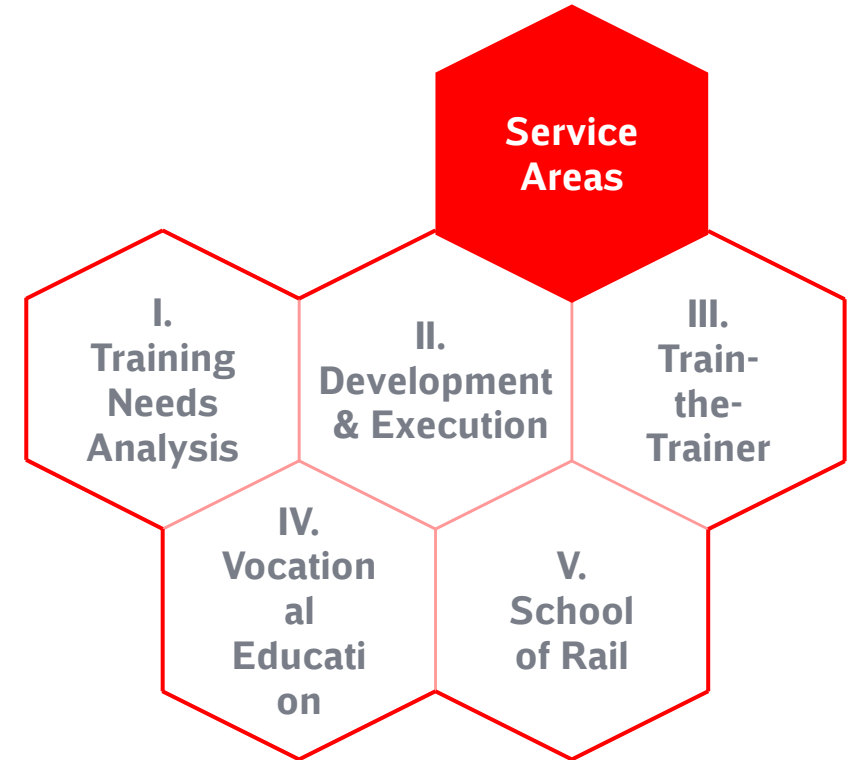
DB Rail Academy offers services from idea to operation

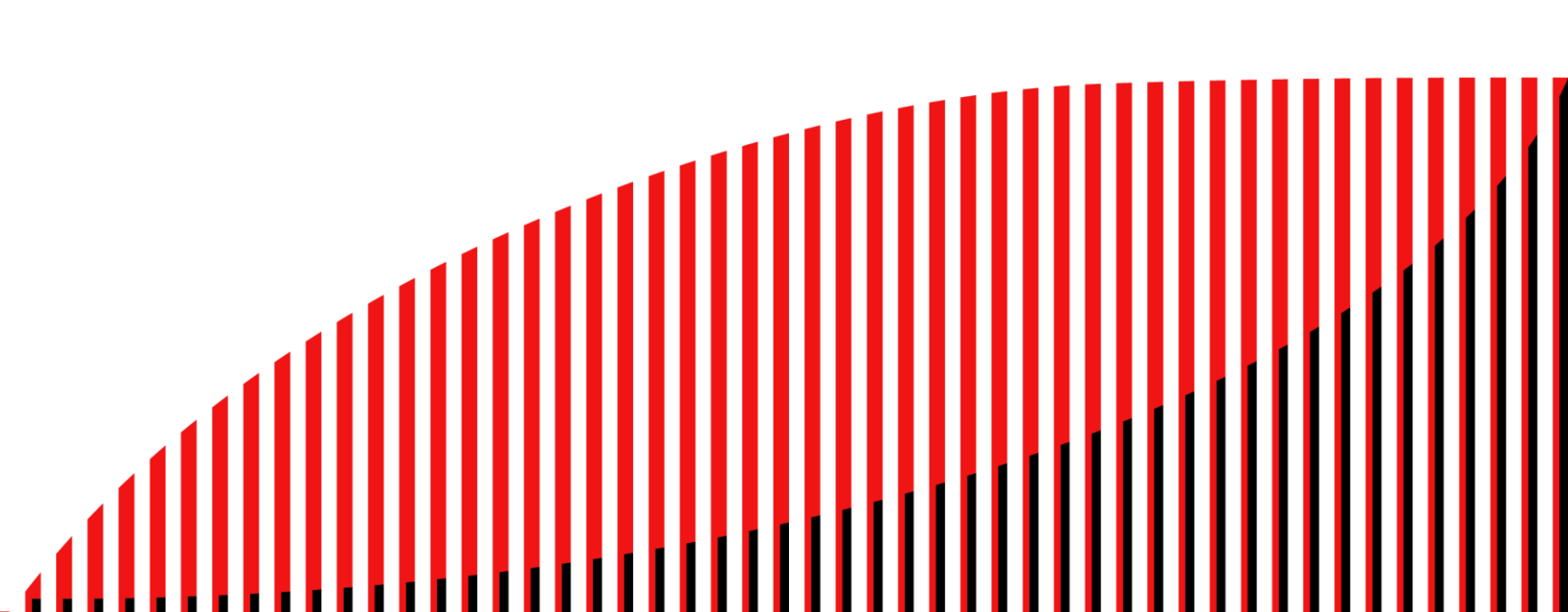
Our service fulfil the whole range of customer requirements



Service areas

- **Trainings Needs Analysis:**
Identification of training needs through an empirical approach
- **Development & Execution:**
High quality trainings developed and executed by DB's experienced and qualified trainers and experts
- **Train-the-Trainer:**
Methodical trainings for trainer and experts to transfer knowledge based on successful TRAIN methodology
- **Vocational Education:**
Development of profound skills and competence through a comprehensive three track system according to German standards
- **School of Rail:**
Establishment of training institutes based on DB's experience





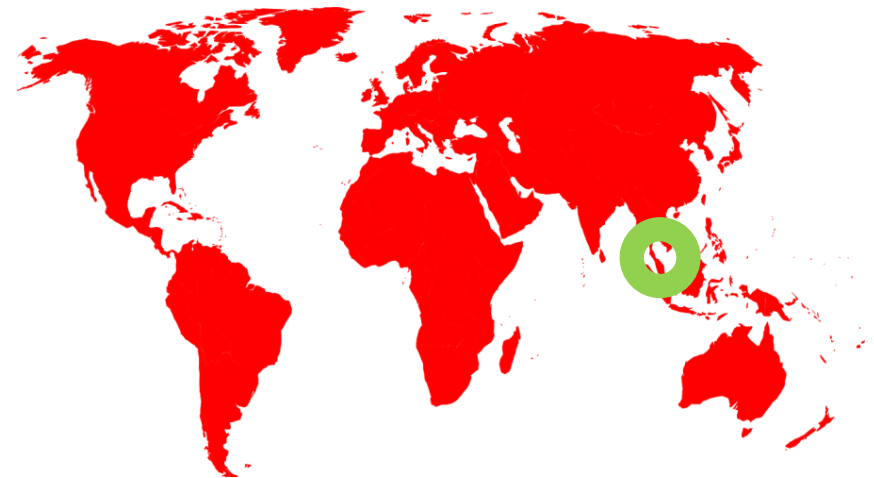
DB Rail Academy is worldwide active

References: Malaysia

Malaysia

Railway Project Management

- International Certification in Management of Rail and Metro Rail Systems
- In cooperation with Asian Rail Academy we conducted public courses in the field of Rail Project Management.
- Main goal of our program is to provide the tried and tested standards and methodologies of Deutsche Bahn to our customers in south east Asia



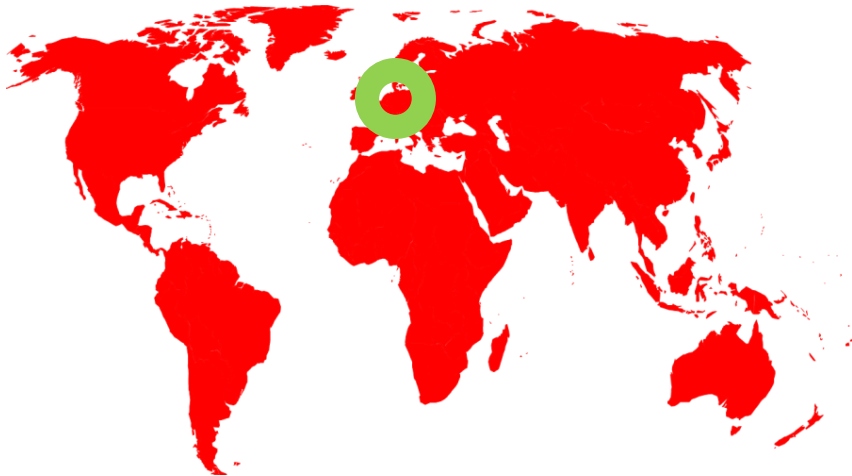
Client: Public Course

Location: Kuala Lumpur, Malaysia

Year: 2019

DB Rail Academy is worldwide active

References: Germany



Germany

Bridge Planning at DB

- WSP is one of the world's leading planning and consulting companies for the construction industry, with around 48,000 employees
- We conducted the initial training for WSP engineers in the field of bridge planning regarding the principles, standards and methodology of Deutsche Bahn. This training provided the required knowledge for the prequalification as a supplier at Deutsche Bahn
- Comprehensive knowledge in an intensive training course
- 6 International engineering experts for bridge construction

Client: WSP Group plc

Location: Frankfurt/Main, Germany

Year: 2019

DB Rail Academy is worldwide active

References: Brazil

Brazil

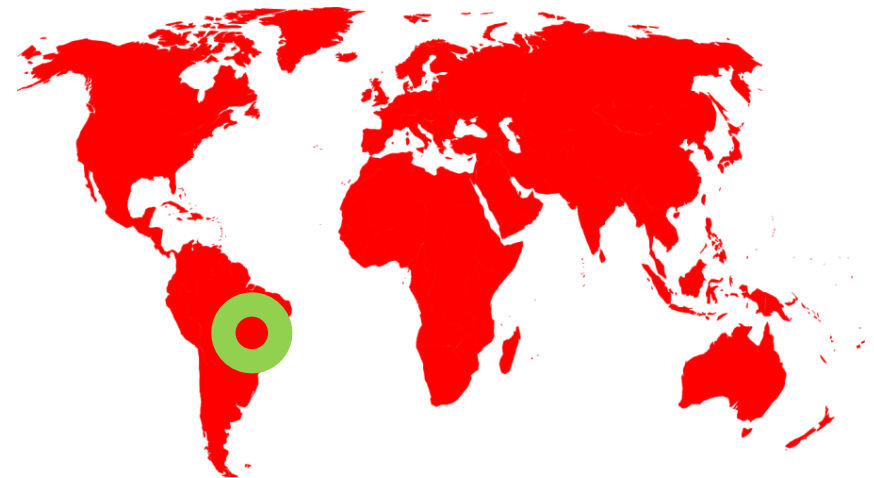
International Certification in Management of Rail and Metro Rail Systems

- First international rail & logistics training program for 18 months since 2018
- Design and development of comprehensive program for 35 rail and logistics manager
- Development of 7 modules in all fields for successful rail business; focused on technical subjects for passenger rail and rail logistics, 3 supplementary management related subjects
- 440 hours of theoretical learning with a method mix of self-directed learning, group learning and interdisciplinary work
- 8 incorporation projects and finals works

Client: SEST SENAT

Location: Brasília, Brazil

Year: since 2018



DB Rail Academy is worldwide active

References: China



China

DB DLG Urban Rail Academy

- Establishment of DB DLG Urban Rail Academy in Dalian
- Joint initiative between DB Rail Academy and DLG Group Co. Ltd.
- Official inauguration will take place after the Chinese New Year celebrations
- Training provision in German/ English with simultaneous translation into Chinese
- Participants will learn and work on topics related to urban rail



Client: DLG Group Co. Ltd.

Location: Dalian, China

Year: since 2020

DB Rail Academy is worldwide active

References: Argentina

Argentina

Excellence Study Program

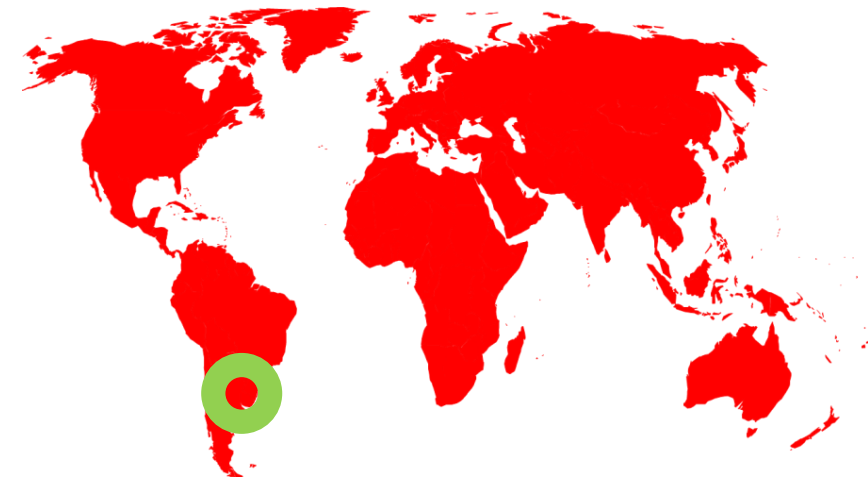
- Program for high potentials and young talents to raise innovation and to foster innovativeness within the organization
- Identification of training needs before start of the program
- Interdisciplinary project results for incorporate in the company



Client: Metrovías

Location: Buenos Aires, Argentina

Year: 2019



DB Rail Academy is worldwide active

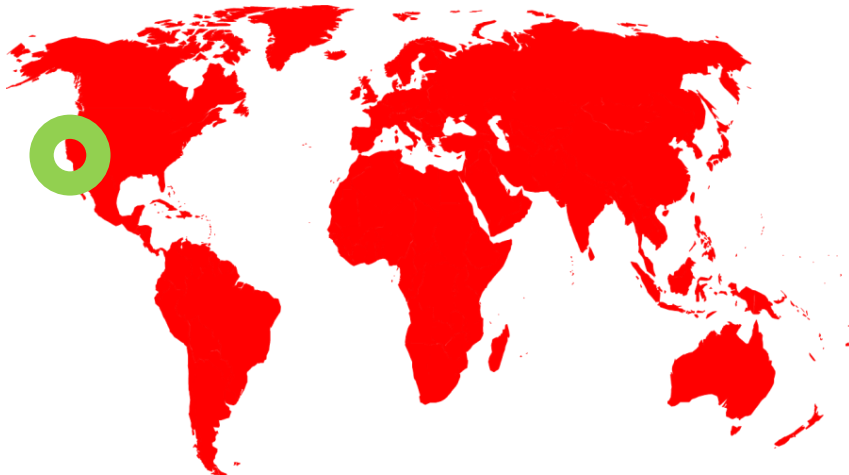
References: USA



United States of America

Fundamentals of System Rail

- First training for the Californian governmental entity for rail transportation
- Fundamental railway training for technical experts
- Development of content with focus on technical basics and planning framework



Client: Caltrans – California Department of Transportation

Location: Sacramento, California, USA

Year: 2018

DB Rail Academy is worldwide active



References: UAE

United Arab Emirates

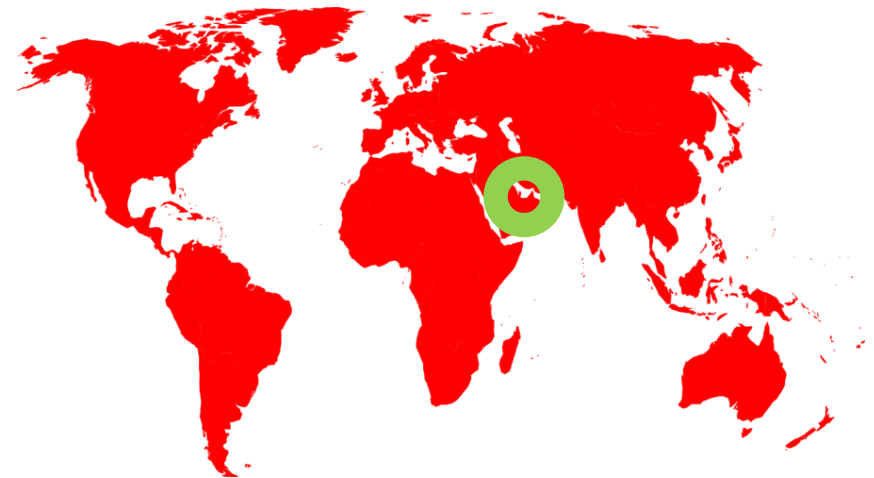
Transportation College

- Development of strategy for Training Center establishment incl. Business Model & Organizational Structure
- Design and Development of Training Architecture for rail related professions
- Design and implementation of horizontal and vertical skill development
- Conduction of Training Needs Analysis
- Design and Development of Training Architecture for rail related professions
- Conduction of leadership and technical trainings

Client: RTA – Roads and Transport Authority

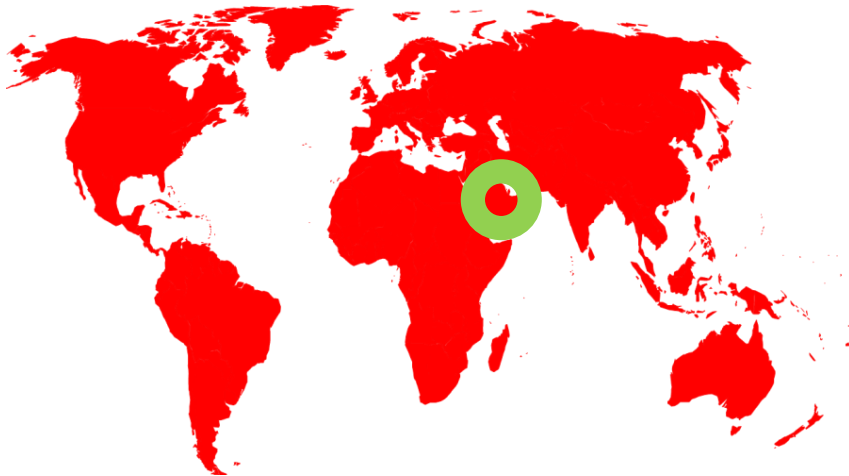
Location: Dubai, United Arab Emirates

Year: since 2017



DB Rail Academy is worldwide active

References: UAE



United Arab Emirates

Rail Diploma

- Conduction Training Needs Analysis for Emiratization in the railway industry
- Definition of targets and priority job profiles, strategic staff planning, recruitment channels, methods and modules for the training program
- Development of vocational education approach in cooperation with local educational entity and DB in order to establish the first railway diploma Business strategy development for a Railway Institute
- Development and implementation first rail diploma for four professions: train driver, train controller, system technician and rolling stock technician

Client: Etihad Rail DB Operations LLC

Location: Abu Dhabi, United Arab Emirates

Year: since 2016

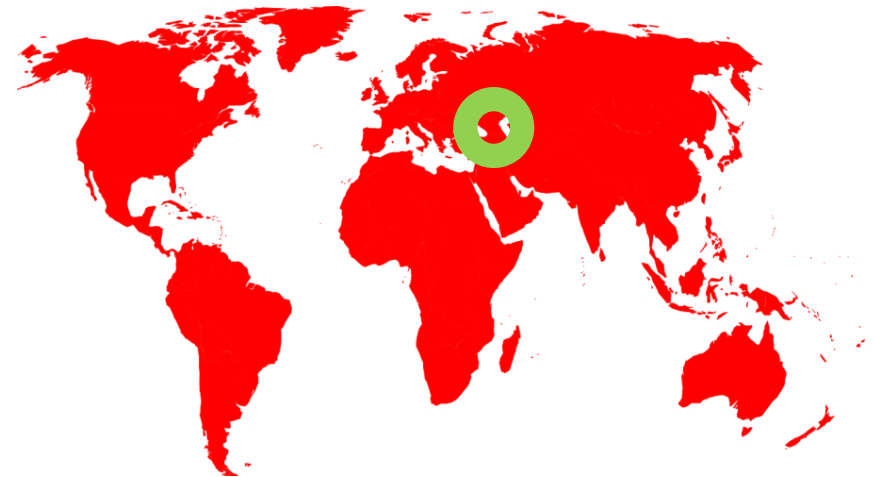
DB Rail Academy is worldwide active

References: Georgia

Georgia

Railway Transport College

- Assessment report
- Development of curricula, training documents, elearnings and examination process
- Support in procurement for railway models and simulators
- Training of the lecturers (“train-the-trainer”)



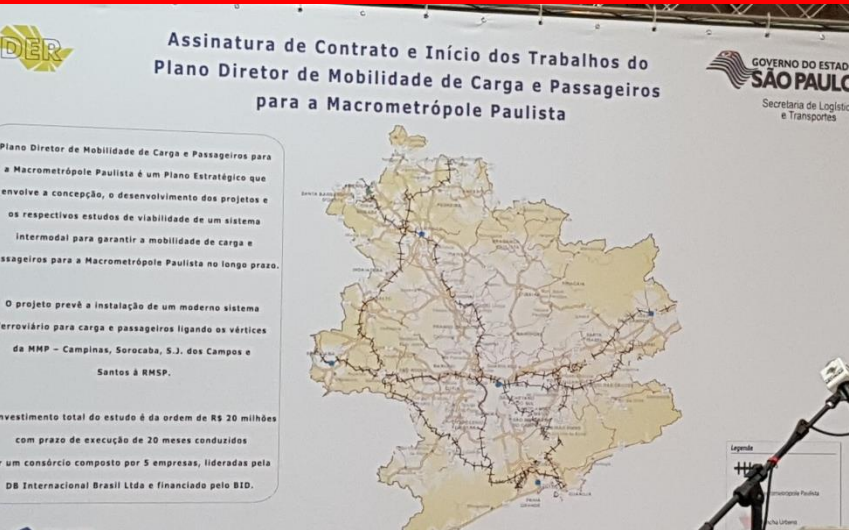
Client: Georgian Railways

Location: Tiflis, Georgia

Year: since 2018

DB Rail Academy is worldwide active

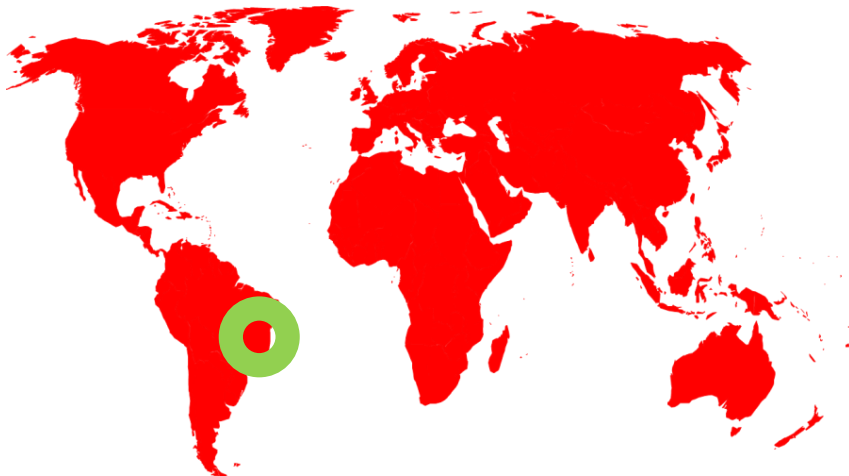
References: Brazil



Brazil

SENAI School of Rail

- Status quo analysis of the Brazilian regulations regarding professional trainings
- Demand study for quantity and content requirements of the railway industry in the state of São Paulo
- Recommendations regarding learning contents and dedicated infrastructure



Client: SENAI – Servicio Nacional de Aprendizagem Industrial

Location: São Paulo

Year: 2014

DB Rail Academy is worldwide active

References: South Africa

South Africa

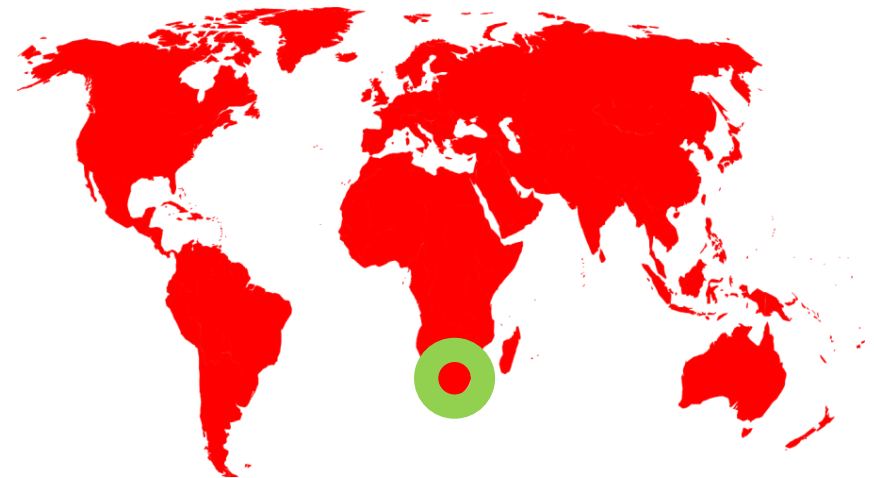
Restructuring Transnet Freight Rails's School of Rail

- Rendering assistance to the modernization and restructuring of Transnet Freight Rail's training organization
- Analysis of the initial situation, needs assessment, gap analysis
- Rendering consulting support to the restructuring / change management process
- Conducting safety management, safety culture and safety awareness trainings

Client: Transnet Freight Rail

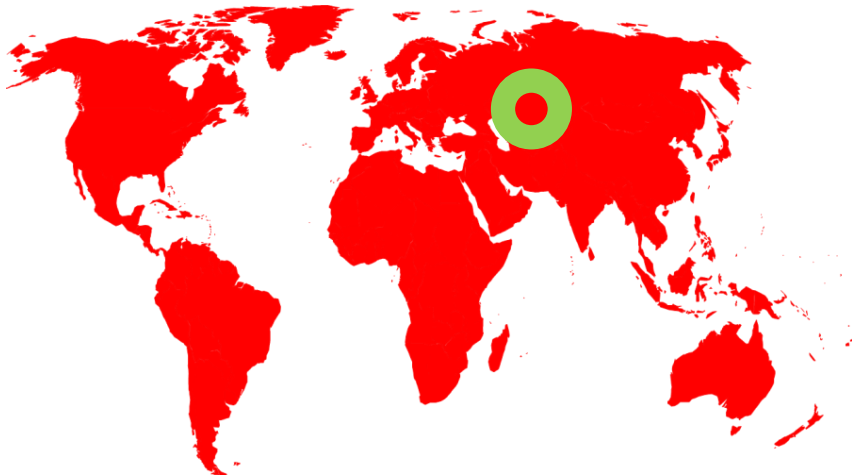
Location: Johannesburg, South Africa

Year: 2012



DB Rail Academy is worldwide active

References: Kazakhstan



Kazakhstan

Mid-Level Executives Qualification Series

- Needs assessment and program design
- Development of content, didactic-methodology for three modules with different thematic focus on organizational and business development in the Railway system, distributive trade and marketing in the railway system and IT development and automation in the railway system.

Client: KTZ - Kazakhstan Temir Zholy

Location: Astana, Kazakhstan

Year: 2014

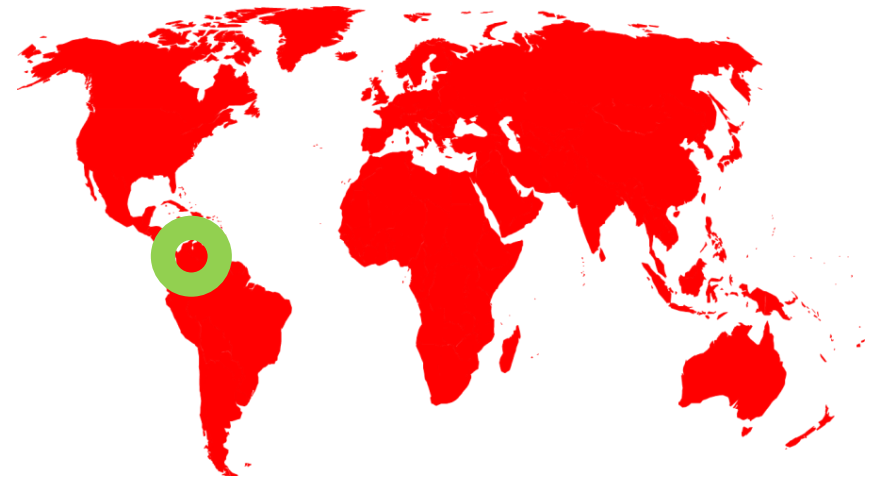
DB Rail Academy is worldwide active

References: Colombia

Colombia

Train Driver Training

- Development train driver program between operator and universities
- Coordination between all stakeholders
- Train the Trainers
- Operational support



Client: Metro Medellín

Location: Medellín, Colombia

Year: 2001

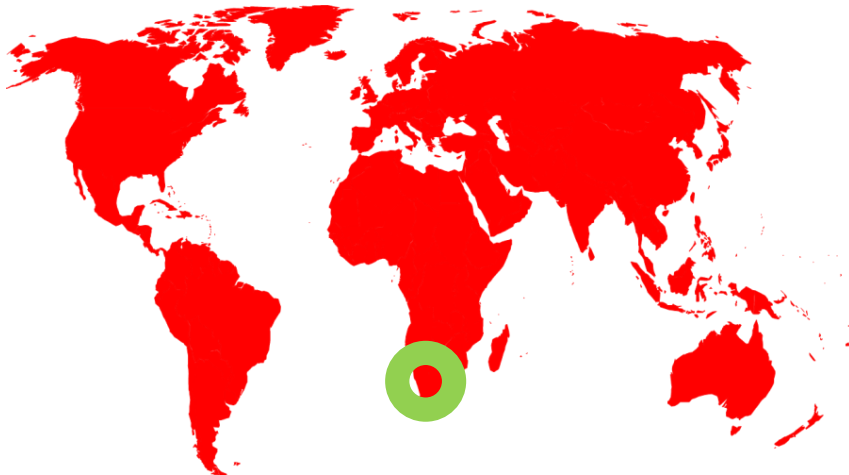
DB Rail Academy is worldwide active

References: South Africa



South Africa Roadmap to Safety

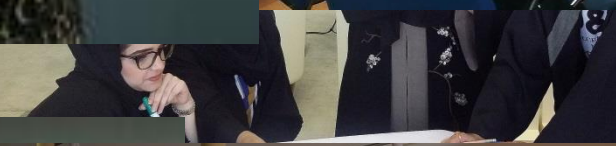
- Assistance for South Africa's Transnet Freight Rail to enhance the railway safety level
- Focussing on safety management and safety culture, restructuring the training organisation to strengthen processes, safety awareness & safety culture
- Training of local staff



Client: Transnet Freight Rail

Location: Johannesburg, South Africa

Year: 2010-2011



Clients from all over the world already benefit from our services. Get on track with DB Rail Academy!



Heiko Scholz
Director DB Rail Academy

T: +49 69 265 50009
M: +49 160 974 247 99
@: heiko.scholz@deutschebahn.com

