

SwissRapide AG



Tomorrow's  
**Transport**  
Today



## Our Vision

SwissRapide AG - together with innovative partner companies - is international leader and exclusive partner for the planning, financing, construction and implementation of sustainable, ultra-speed Maglev railway systems, designed to meet the growing demand for mobility in cities, regions and countries around the world.



### Centre of Excellence for Maglev Railway Systems worldwide

SwissRapide AG provides ground-breaking, sustainable, intelligent transport solutions based on **Maglev (magnetic levitation) railway technology** to solve today's growing traffic congestion and capacity problems for generations to come.

**SwissRapide Maglev railway systems** are based on the proven Transrapid Maglev technology, the most advanced innovation in railway technology in the last 50 years. The system hovers in the air instead of rolling, thanks to **magnetic levitation**, thus the vehicles have no **physical contact with the guideway**. This enables the system to be **highly energy efficient**, allows operating speeds of easily up to **500 km/h** and significantly reduces the total cost of system ownership.

The **SwissRapide Maglev railway** system has the following **advantages** over conventional high-speed railway systems:

- **Ultra-speed: 2 to 3 times faster** point-to-point connections
- **Energy efficient: 25% less energy consumption** per seat & km at 300 km/h
- **Environmentally friendly: 50% less noise emissions** at 300 km/h
- **Cost efficient: 5 times lower** operating and maintenance costs
- **Smart urban planning: Elevated guideway** requires 6 times less land
- **Punctual: Fully automated**, highly reliable system

# SwissRapide Maglev Railway Systems... ... The Train that Flies!



In 2014, SwissRapide AG carried out a **market survey for Maglev railway systems**, covering potential high-speed rail and airport link projects planned worldwide between 2015 and 2025. The following is the summary of the results of the survey:

Market	Number of Projects	Total length	Total Estimated Project Budgets (€)
High Speed Rail	16	8,650 km	435,900 million
Airport Links	9	227 km	9,300 million
Total Market Potential	25	8,877 km	445,200 million

Based on this market survey, SwissRapide AG has the following company objectives:

- ▶ Capture **5% of the worldwide** high-speed rail and airport link market by 2025
- ▶ Create a **Blue Ocean market** for SwissRapide AG as exclusive supplier of Maglev railway systems worldwide.

SwissRapide AG is unique, in that we – together with leading industry partners - supply **expertise and services in all phases of potential Maglev railway projects**, starting from feasibility studies, business cases and preliminary planning, through to the development of project financing models, provision of project management, supplying of Maglev rail technologies and associated systems, as well as providing for construction, commissioning, operations and maintenance of the systems.

We choose our Maglev railway projects worldwide to ensure solid business cases for potential investors while providing attractive, sustainable and intelligent mobility solutions.

**Join us to build the future  
of transport today!**

***"THE FUTURE DEPENDS  
ON WHAT WE DO IN THE PRESENT"***

***Mahatma Gandhi***

