

# RTA Rail Tec Arsenal Fahrzeugversuchsanlage GmbH

## 1. Mission Statement

Rail Tec Arsenal is an internationally active, neutral and independent research and testing institute for rail and road vehicles, new transport systems and technical facilities that are subject to extreme climatic conditions.

As an internationally recognised expert in climatic testing, Rail Tec Arsenal operates two modern climatic wind tunnels designed to optimise thermal comfort in public transport vehicles and to investigate and improve the availability and safety of systems in sensitive industrial areas.

## 2. Corporate objective

International marketing and break-even operation of the Vienna Climatic Wind Tunnel.

Long-term availability of a high quality testing and research facility for thermal passenger comfort, functionality and safety of relevant components and entire systems under extreme climatic conditions. Services are provided for the European rail vehicle industry as well as for other transport systems and sensitive industrial areas.

## 3. Strategic orientation

Rail Tec Arsenal seeks

- to position itself as an innovative, neutral and independent testing and research institution and to act as an internationally recognised notified body,
- to provide support in design, calculation and development issues and to offer attractive testing prices through a high level of facility utilisation,
- to open up new markets for sustained growth - apart from the core business of rail vehicle testing, new services will be implemented for road vehicles (busses, trucks), new transport systems and other technical facilities that are subject to extreme climatic conditions,
- to continuously extend the specific expertise through studies, contract and strategic research,
- to enhance the importance of comfort, safety and functionality testing through active participation in international research projects and standardisation bodies.

#### 4. Ownership structure of Rail Tec Arsenal

The operating company of the Vienna Climatic Wind Tunnel,

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was founded by arsenal research and the international rail vehicle industry in order to safeguard the facilities and specific expertise necessary for the performance of climatic tests on a long-term basis.

arsenal research	26.0 %
Alstom Transport	14.8 %
Bombardier Transportation	29.6 %
Siemens AG Österreich	14.8 %
AnsaldoBreda, Firema Trasporti	14.8 %

#### 5. Public Private Partnership model

The Vienna Climatic Wind Tunnel was financed and built by Rail Test & Research GmbH (RTR). RTR is a 100% subsidiary of the government-owned Railway Infrastructure Financing Company SCHIG (Schieneninfrastruktur-Dienstleistungsgesellschaft mbH). The Municipality of Vienna and the Federal Government participated in the project in the form of long-term loans; total investment costs amounted to € 65 million.

Once the construction work on the Vienna Climatic Wind Tunnel had been completed, RTR turned the facility over to the operating company (RTA) as of 1 January 2003. RTA has leased the climatic wind tunnel from RTR and is responsible for the international marketing and efficient management of the facility.

#### 6. Contact

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