

We invite to invent

High Level Workshop – Conference, Geneva
www.openraillab.at



Our vision

/ Defining benefit

Rail plays a key role in the socio-political, environmental and economic development. Innovations guarantee that this system continues to function and thrive.

- Innovative solutions to strengthen rail in rural areas
- Efficient and sustainable use of infrastructure
- Reinforcement of Austrian enterprises on the world market

Smart Mobility: Do more with less

Our targets

/ Designing cooperation

Innovations need unprejudiced thinking as well as partnership working.
The Open Rail Lab lives up to its name. It is designed as open institution for ideas.

- Cooperation between industry and research departments of ÖBB
- Cooperation between universities, institutes and industry

/ Vitalizing growth

The Open Rail Lab launches a trendsetting research project in the province of Burgenland.
It will be a driver for growth in this region.

- Job creation
- Testing the best solutions for more efficient operation of the regional railroad

We provide

/ Track Oberwart – Friedberg

- Owner: ÖBB-Infrastruktur AG
- Track length: 25 km
- 12 level crossings
- 8 stations
- 1 tunnel

/ Open Rail Lab

- Unique combination of think tank and test drive
- Research Center for development
- Testing, evaluating and authorizing of new systems



Our basic concept

/ Facilities

- Open and shared infrastructures for innovation (mainly in elaboration)
 - Railway infrastructure and vehicle
 - Maintenance Hall
 - Laboratory Space, working areas
 - Establishment possibilities
 - Eligible user charges (vehicle, track, working space)



/ Funding of research projects

- Via funding program, grants are awarded to partners
 - FFG (Mobilität der Zukunft)
 - FTI Burgenland, ...

/ Projects in Open Rail Lab

- Are carried out in a closed and separated project consortium
- Patents remain in the hand of the involved partners in the development



Our role-understanding

/ Open Rail Lab

- Independent research and testing center
- Provision of the basic infrastructure (test environment / laboratory)
- Development of strategic objectives
- coordination of use cases with the users (for example infrastructure managers, railway undertakers)
- Independent control and coordination office

/ Companies

- Processing of operational project work / product tests
- Participation in research programs
- Development of marketable solutions and systems

/ Science / Researchers

- Scientific support and cooperation in projects
- think tank – submissions of ideas, cooperation with companies
- Development of use cases

/ Socialpartners

- Continuous involvement in the developments and impact on the sector rail



Current status

/ Open Rail Lab

- Business plan has been released
- Constitution of the legal entity work in progress
- Decision process about the stages of start up

/ Shareholder

- SCHIG mbH
- ÖBB-Infrastruktur AG
- Regional government of Land Burgenland

/ Use Cases

- About up to 200 use cases under elaboration



Photos Track Oberwart – Friedberg



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Open Rail Lab – contact

To make the most sensible
mobility the best!

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