We invite to invent

High Level Workshop – Conference, Geneve

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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To make the most sensible mobility the best!

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