

# Agenda



**4 October 2017**  
**Roma, Italy**

**11:30 Welcome** Harald Jony, ÖBB – Chair UIC Energy Network

**11:35 Alternative Fuel Technologies**

- Hybrid traction (SNCF)
- Electric/Battery trains (JR)
- Natural gas traction (RZD)
- Biogas train in Sweden (Tekniska Verken)
- Perspective and challenges for biofuel (Transport & Environment)

**12:50 Infrastructure for energy efficiency**

- Li-ion trackside energy storage solution (SAFT)
- Reversible substations for conventional lines (RENFE)
- Innovation technologies towards energy efficiency (RFI)

**13:30 Lunch**

**14:15 State of the Art of Innovative Energy Efficient Rolling Stock**

- UNIFE: Energy efficient innovation (BT/Roll2Rail)
- Rolling Stock Manufacturers (ALSTOM)

**15:30 Next Generation Trains**

- Hydrogen Trains (ALSTOM)
- NGT Next Generation Train (DLR)
- Hyperloop (SYSTRA)
- Shift2Rail perspectives (Shift2Rail)
- UIC Research and innovation Roadmap (TBD)

**16:50 Conclusions and next steps**

**17:00 End of the day**

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