

# FINE1 & OPEUS Final Conference

17 October 2019  
 UIC Espaces Congrès  
 16 Rue Jean Rey, 75015 Paris, France

**9:30 -10:30: Registration and welcome coffee**

**10:30-11:30: Joint high-level session**

- FINE1 Coordinator – Haike Brick
- OPEUS Coordinator – Roberto Palacin
- DESTINATE Coordinator – Jenny Böhm
- Shift2Rail Joint Undertaking Representative – Judit Sandor
- DG RTD Representative – William Bird

**11:30-12:30: Parallel Sessions**

(1) FINE1 session on 'Noise'	(2) FINE1 & OPEUS joint session on 'Energy'
<ul style="list-style-type: none"> <li>▪ <b>11:30-11:45: Introduction of the FINE1 Noise &amp; Vibration sub-project</b> <i>(Haike Brick, Bombardier Transportation)</i></li> <li>▪ <b>11:45-12:30: Auralisation &amp; Visualisation</b> <i>(Rüdiger Garburg, Deutsche Bahn; Jenny Böhm, TU Berlin)</i></li> </ul>	<p><b>Cluster 1: Introduction and case studies (11:30-12:30)</b></p> <ul style="list-style-type: none"> <li>▪ <b>11:30-11:40: Introduction of the FINE1 Energy sub-project</b> <i>(Henry Völker, Bombardier Transportation)</i></li> <li>▪ <b>11:40-11:50: OPEUS Tool – a look inside</b> <i>(Lukas Pröhl, University of Rostock)</i></li> <li>▪ <b>11:50-12:05: Energy case study 1 - Simulation of hybrid electric trains using OPEUS tool</b> <i>(Tony Letrouvé, SNCF; Dinh An Nguyen, SAFT)</i></li> <li>▪ <b>12:05-12:20: Energy case study 2 – Traction energy losses analysis</b> <i>(Maria Marsilla, Stadler)</i></li> <li>▪ <b>12:20-12:30: Facilitated discussion, Q&amp;A</b></li> </ul>

**12:30-13:30: Lunch**

### 13:30-16:00: Parallel Sessions

(1) FINE 1 session on 'Noise'	(2) Fine 1 & OPEUS joint session on 'Energy'
<ul style="list-style-type: none"> <li>▪ <b>13:30-13:50: Technical assessment and integration of N&amp;V tasks on system level</b> <i>(Dennis Fast, Bombardier Transportation)</i></li> <li>▪ <b>13:50-14:10: Traffic noise scenarios and baseline for evaluation and monitoring of noise effects in S2R innovations</b> <i>(Philipp Geiger, Deutsche Bahn; Rüdiger Garburg, Deutsche Bahn)</i></li> <li>▪ <b>14:10-14:30: Interior noise modelling</b> <i>(Torsten Kohrs, Bombardier Transportation)</i></li> <li>▪ <b>14:30-14:50: Specification and characterisation of acoustic sources and assemblies</b> <i>(Nezam Sanei, Alstom)</i></li> <li>▪ <b>14:50-15:10: Presentation of the DESTINATE project</b> <i>(Jenny Böhm, TU Berlin)</i></li> <li>▪ <b>15:10-15:30: FINE2 outlook</b> <i>(Rüdiger Garburg, Deutsche Bahn)</i></li> <li>▪ <b>15:30-16:00: Q&amp;A</b></li> </ul>	<p><b>Cluster 2: Key results &amp; recommendations (13:30-15:00)</b></p> <ul style="list-style-type: none"> <li>▪ <b>13:30-13:45: Shift2Rail Energy KPI results</b> <i>(Holger Dittus, DLR)</i></li> <li>▪ <b>13:45-14:15: Energy Label &amp; EN 50591</b> <i>(Henry Völker, Bombardier Transportation)</i></li> <li>▪ <b>14:15-14:30: EU energy-efficiency politics</b> <i>(Samuel Hibon, Alstom; Michel Mermet-Guyennet, Alstom)</i></li> <li>▪ <b>14:30-14:45: OPEUS Position Paper</b> <i>(Laurent Dauby, UITP)</i></li> <li>▪ <b>14:45-15:00: Facilitated discussion, Q&amp;A</b></li> </ul> <p><b>15:00-15:10: Short break</b></p> <p><b>Cluster 3: What is next? (15:10-16:00)</b></p> <ul style="list-style-type: none"> <li>▪ <b>15:10-15:25: FINE2 outlook</b> <i>(Jürgen Ernst, Deutsche Bahn)</i></li> <li>▪ <b>15:25-15:40: OPEUS tool enhancement</b> <i>(Lukas Pröhl, Rostock University; Harald Aschemann, Rostock University)</i></li> <li>▪ <b>15:40-16:00: Facilitated discussion, Q&amp;A</b></li> </ul>

### 16:00-17:00: Networking coffee