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GREEN MOBILITY

4.20pm Chairman's opening remarks



> **Ms Heather Allen**, Programme Director Sustainable Transport, **Transport Research Laboratory TRL**

4.30pm Keynote address: the greening effect of transit



- Expanding public transit – sustainability impacts
- Alternative energy sources – natural gas, hybrids, inductive charging (new technology breakthroughs)
- Land use issues
- Impacts of various levels of transit usage (vehicle load factors)
- Modal impacts
- Market share – US vs Europe
- Active transportation service – bikes and pedestrian systems

> **Mr John English**, CEO, **Utah Transit Authority**

4.50pm Keynote address: sustainability at the heart of SEPTA's corporate strategy: people, planet, prosperity



- In the business of sustainability; triple-bottom-line approach to economic, social and environmental needs
- Planet: mitigating network impact through environmentally-friendly practices
- Prosperity: fiscal responsibility and ridership growth
- People: building a versatile workforce and liveable communities

> **Mr Joseph Casey**, General Manager, **SEPTA**

5.10pm Keynote address: how to be a 'green' metro – lessons from Warsaw Metro's sustainability programme



- Using public procurement procedures to encourage sustainable development by industry partners
- Reducing energy consumption through technology and changing people's habits
- Training the workforce in 'green habits'
- Profitability versus 'green' strategy

> **Mrs Dorota Popinska**, Chief Financial Officer, **Warsaw Metro**

5.30pm Case study: improving efficiency through energy recovery system and feed-back to grid in Metro Bilbao



- Introduction
- INGEBER energy recovery system: how does it work?
- System implementation
- Application and results in Metro Bilbao - actual situation

> **Mr Asier Ugarte**, Sales Director, **Ingeteam Traction**

5.50pm Informed insight: Ticket to Kyoto and the braking energy recovery investment



Reducing CO2 emissions in public transport: the T2K project, its results and main challenges
T2K's braking energy recovery initiative

- > Mr François-Olivier Devaux, T2K project Co-ordinator, STIB
- > Mr Marc Haumont, Head of Department, Electricity, STIB

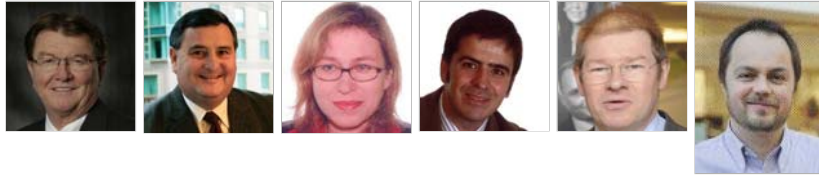
6.10pm The past, the present and the way to a Sustainable Future



An examination of the innovations behind 150 years of metro development from Siemens and how this supports current and future advancement in metro design to meet the needs of cities and the environment.

- > Mr Stephen Robillard, Vice President Sales, Metros, Siemens AG

6.30pm Panel discussion: green strategies for enhancing sustainability



- What strategies are operators adopting to become more green?
- How recyclable is your rolling stock? What other technical advances are in the pipeline?
- Can CBTC and other technologies enhance operating efficiency and reduce energy consumption and emissions?
- How can metro operators and other industry players encourage people to use public transport? Does the 'green' message have an impact?

- > Mr John English, CEO, Utah Transit Authority
- > Mr Joseph Casey, General Manager, SEPTA
- > Mrs Dorota Popinska, Chief Financial Officer, Warsaw Metro
- > Mr Asier Ugarte, Sales Director, Ingeteam Traction
- > Mr Marc Haumont, Head of Department, Electricity, STIB
- > Mr François-Olivier Devaux, T2K project Co-ordinator, STIB

6.50pm Chairman's closing remarks and close of Day Two

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