



TRANSPORT  
DECARBONISATION  
ALLIANCE

*Barry Howe, Director – Sustainable Mobility  
and Community Investment, Alstom  
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# Why create the TDA?

# 2015 Paris Agreement on Climate Change

- **A major achievement:**
  - + Keep global temperature rise **well below 2°Celsius** - pursue efforts to limit increase to 1.5°Celsius
  - + Achieve **zero-net emissions** by middle of the century
  - + **Broad consensus** of Parties
  - + Recognises key role of **non-state actors**
- **But some shortcomings:**
  - No sectorial **vision or pathways**
  - No co-ordination of **non-state actors**
  - Initial **ambition of States is not sufficient** (NDCs to date)



# Transport Decarbonization Alliance

- **Will provide:**

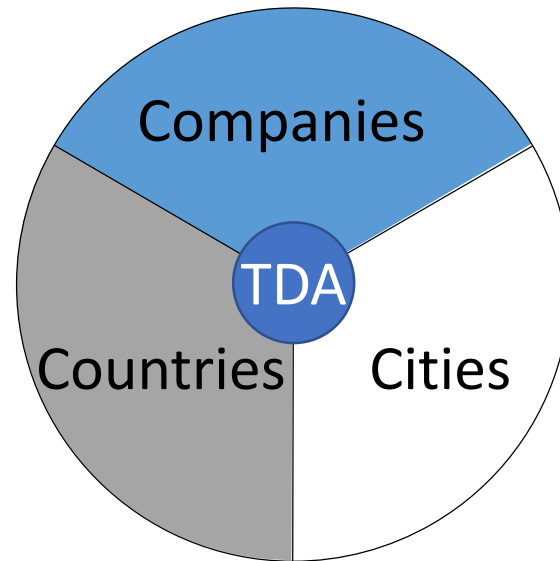
- **Leadership** – for the transport sector
- **Common vision** - for the transport sector (roadmap)
- **Co-ordination** – of Countries, Cities and Companies

**To raise the collective level of ambition to tackle climate change**



# Coordinated Approach

- A **coordinated approach** between countries, cities and companies is crucial to deliver on an ambitious vision of decarbonized transport



- Define national environment and energy policies
- Create stable regulatory frameworks

- Identify market trends
  - Innovate
  - Invest
  - Bring new technologies to market
- 
- Urban mobility, environment and energy planning
  - Assess local characteristics to optimize action

## Current GHG reduction targets:

- 10% carbon footprint intensity reduction target by 2020 (2014 baseline)
- Reduce energy consumption of solutions by 20% by 2020 c.f. 2014.

## Best Practices

- **Green electricity:** Fully supplied with green electricity in the UK and Belgium. In France, all the sites except Petit-Quevilly, derive as at least 30% of their electricity from renewable energy sources. In Germany all the sites are supplied with more than 30% of green energy
- **iLINT fuel cell train**
- **APTIS electric bus**

## Follow up actions to the Paris Agreement:

- By the end of 2016, GHG emissions intensity from energy consumption has decreased by 15% compared to 2015
- Developing a methodology assessment tool on down-stream emissions from Alstom's product/solutions (April 2018)
- Part of the International Railway Association (UIC) Low Carbon Sustainable Rail Transport Challenge (MPGCA Transport Initiative)



# Thank you for your attention!



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[www.tda-mobility.org](http://www.tda-mobility.org)

For more information, please contact the TDA Secretariat:  
[tdasecretariat@slocatpartnership.org](mailto:tdasecretariat@slocatpartnership.org)

