



**XXIVth World
Road Congress
Mexico 2011**
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The Role and Activities of Technical Committee TCA.1 Preserving the Environment

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Three challenging issues to consider:

Issue A.1.1

*National policies and strategies for reducing the impacts of the road transport system on climate change and policies and strategies for the adaptation of transport systems to climate change
(Working Group 1)*

WG1 Chair : Mike Savonis



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Issue A.1.2

*Monitoring of environmental impacts
(Working Group 2)*

WG2 Chair Ms Marguerite Trocme



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The Issue A.1.3

*Monitoring alternative solutions for fossil
fuels for the road system (Working
Group 3)*

WG3 Chair Ian Clarke



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Committee Programme : Seven meetings

2008 Paris , France

2008 Glasgow , Scotland

2009 Washington DC , USA

2009 Timisora , Romania

2010 Lisbon, Portugal

2010 Bonn, Germany

2011 New Delhi, India



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PIARC International Seminars

The seminars focused on:

- ‘Environment and Sustainable Transport’ held in conjunction with TC B.4 (16 – 18 September 2009, Timisoara, Romania)
- ‘Reducing the Carbon Footprint in Road Construction’ (17 – 20 February 2011, New Delhi, India).



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Other International Seminars

Committee members participated actively in several fora over the period, including:

- ‘Roads and Climate Change’ (October 2008, Glasgow, Scotland)
- 88th Annual Meeting of the Transport Research Board that focused on climate change (January 2009, Washington DC, USA).
- TRB’s Special Taskforce on Climate Change and Energy on 11 January 2009



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Routes Roads

In addition, Committee members provided or contributed to four articles for the *Routes and Roads* publication:

- Roads and Wildlife – E18 motorway building and planning projects from an ecological perspective (No. 344, 2009)
- The Swiss Defragmentation Program – a global approach (No. 344, 2009)
- Transport solutions that support community outcomes in New Zealand (No. 343, 2009)
- A comparison of environmental impacts of hot and half-warm mix asphalt (to be published, 2011).



The Role and Activities of Technical Committee

TCA.1 Preserving the Environment

Considering our carbon

Carbon footprint

- o 26.0 tonnes of CO₂ emitted from Meeting 1 travel (Paris)
- o 28.5 tonnes of CO₂ emitted from Meeting 2 travel (Glasgow)
- o 28.6 tonnes of CO₂ emitted from Meeting 3 travel (Washington DC)
- o 21.2 tonnes of CO₂ emitted from Meeting 4 travel (Timisoara, Romania)
- o 24.9 tonnes of CO₂ emitted from Meeting 5 travel (Lisbon)
- o 16.9 tonnes of CO₂ emitted from Meeting 6 travel (Bonn)
- o 22.6 tonnes of CO₂ emitted from Meeting 7 travel (New Delhi)

