



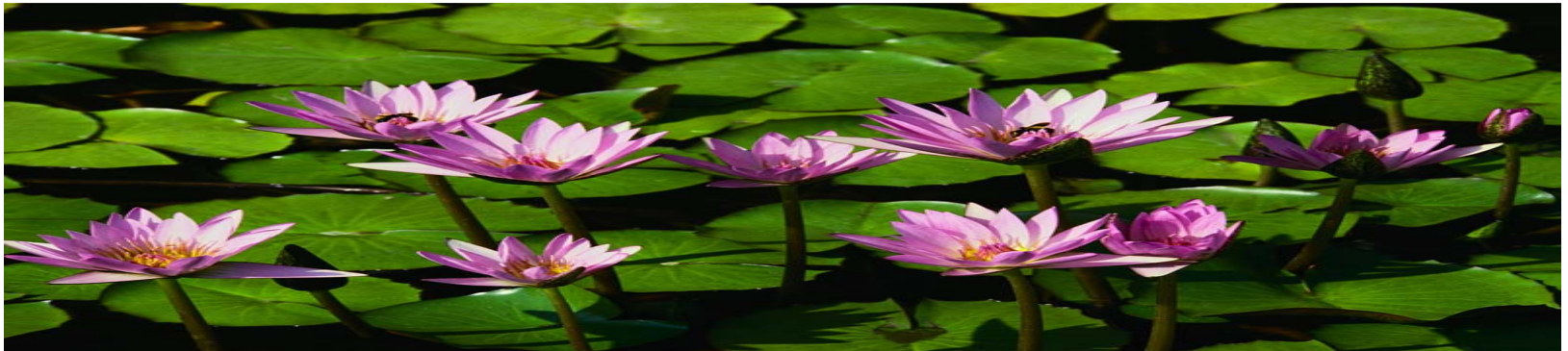
Sustainable Development and Road Transport

Anders HH Jansson

- PIARC Sustainable Development and Road Transport Committee
- Chairman
- anders.jansson@tiehallinto.fi

From "Environment" to "Sustainability"

Environmental aspects were for a long time seen as being outside the 'real process' of road transport and road management.



In the later decades of the 20th Century, Environment grew into Sustainability, but still seen as a separate concern.



Integrating the Principles of Sustainability

Real sustainability, that is environmental, social, cultural and economical sustainability, can be achieved only through full integration into each process, be it for maintaining or developing infrastructure or for the operations and use of the infrastructure.

PIARC TC 2.1 studies the means and methodology of that integration, from the global policy level to specific road management measures.



Sustainable Development and Road Transport Issues 1

2.1.1 Concrete application of policies, such as those developed in the Kyoto protocol and Rio conference to road transport

Action 1. How have the concepts of sustainable development been applied in the transport policies of different countries.

Action 2. Good decision making in the road sector.



Sustainable Development and Road Transport Issues 2

2.1.2 Funding levels need to be identified to inform future planning and understanding of the commitment to environmental mitigation

Action 1. Corporate Social Responsibility in the Road Sector

Action 2. Focused funding



Sustainable Development and Road Transport Issues 3

2.1.3 Mitigation of the environmental impact of road transport

Action 1. Soil and Water Pollution

Action 2. The priorities of environmental mitigation

Action 3. Social and Community Impact Assessment.



Different Contexts - Different Priorities

The principles of sustainable development are general and global.

But interpreting and implementing the principles is always local.

The best way to illustrate how the principles work is through case studies, because the studies show what they mean in a concrete context.



Understanding the Context

An essential task is to try to understand one's own context:

- avoiding too simple conclusions
- looking at the transport system as a whole, not only single links or single modes of transport.

We need to understand that for our transport system, sustainability is a challenge we have not managed to resolve - yet.

A Introducing the Session

Part 1: Implementing Sustainability

1. Different contexts need different priorities; J-F Langumier (France)
2. Roads in sensitive natural areas; Bjørn Iuell (Norway)
3. The implementation of a road project in Morocco, in relation with the local economy and the trees; Jamal El Blidi (Morocco)

→ Discussion

Part 2: Social Responsibility and the Road Sector

1. Sustainable urban mobility, the Chihuahua case; Fabienne Beaudu (France)
2. Funding environmental mitigation; Gloria Shepherd (USA)
3. Corporate Social Responsibility; Alexander Walcher (Austria)

→ Discussion and Conclusions