International Road Federation (IRF)
www.irfnet.org

Sharing the road

Sibylle Rupprecht
Director General
What is the IRF?

490 members in 90 countries
What is the IRF?

- Not-for-profit organisation (1948)
- Members in 90 countries (public & private sector)
- Knowledge sharing
- Provide expertise
- Voice of the member
- Education and training
- World Road Statistics

**IRF promotes roads that are safe, economically viable and ecologically friendly**
Working Groups of Expert
Sustainable Urban Planning

Figure 1
Three Elements of Sustainability

Nature
People
Business
One space for all!
Safe, clean and shared urban area – main planning criteria

Vision
- e.g. an accessible environment

Purpose
- e.g. improve pedestrian movement

Actions
- e.g. reposition pedestrian crossing
Safety for all
Road Fatalities are:

• 9th position of leading causes for death today
• 5th position of leading cause for death by 2030
• 1.2 million fatalities
• 50 million injuries
• 2/3 of accidents in Urban Area
• 1/3 of fatalities in Urban Area
Safe Urban Planning – main measures
Separate Road Users

• Local roads speed limits (30km)
• Streets of coexistence (20km Zone)
• Pedestrian zones
• Sidewalks with safe pedestrian crossings
• Separate Lanes for Public Transport
• Bicycle lanes
• Colour coding
Safe Urban Planning

- Local roads speed limits (30km)
- Streets of coexistence (20km Zone)
- Pedestrian zones
Safe Urban Planning – main measures

- Sidewalks with safe pedestrian crossings
Safe Urban Planning – main measures

• Separate Lanes for Public Transport
Safe Urban Planning – main measures
Safe Urban Planning – main measures

• Colour coding
Clean Urban Planning – main measures
Public Transport
Clean Urban Planning – main measures
Shared Bicycle Schemes
Clean Urban Planning – main measures

Pedestrian Zones
Clean Urban Planning – main measures
Clean Construction Materials

1. Innovative solutions for the pavement:
   • Reclaimed Asphalt Pavements (RAP)
   • Plant based binder
   • Asphalt collectors
Clean Urban Planning – main measures
Clean Construction Materials

2. Innovative solutions for the signalisation:
   • Microprismatic reflective sheeting
   • Road markings from oyster shells
Clean Urban Planning – main measures
Clean Construction Materials

3. Innovative solutions for noise barriers

- The Noxer technique
- The Eridio project
The Green Path to Climate Neutral Roads
Conclusions

- Shared Space
- Careful Planning
- Introduction of measures
- Safety
- Health
IRF World Road Meeting
2010
Lisbon, 25-28.5.2010

The IRF World Congress debating
Global Issues!
Thank you for your attention.
Sibylle Rupprecht
Director General

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