Sustainable Urban Mobility: Best Practices

Max Grünig
Ecologic Institute
IDEC: Debate Automóvel e Consumo
Ecologic Institute

- Independent Research Institute
  - Environmental Research
  - Policy Analysis
  - 120 employees

- Offices in Berlin, Brussels, Washington DC und San Mateo

- Experience and Contacts: Car Labeling
  - Study commissioned by the European Parliament (2010)
  - ICCT, Friends of the Earth Europe, Germany Association of the Automotive Industry, various manufacturers
Urban Mobility Best Practices

- Congestion Pricing: London
- Parking Management: Bremen
- Bicycle Oriented Development: Copenhagen
- Transport Planning: La Rochelle
Congestion Pricing: London

**Concept:** charge drivers 10 GBP as they enter heavily congested parts of the city

**Results:**

- **-26%** Congestion
- **£190 million** Total Revenues
- **+37%** Car Speeds
- **-50%** Bus Delays
- **+14%** Bus Ridership
Parking Management: Bremen

- **Concept:** Multimodal hubs bring together transit, cycling, carsharing, and taxis to one location

- +39% car-sharing
- > 1,000 private cars replaced
- Savings of €20-40 million for parking infrastructure
- 60% trips by sustainable means

Savings of €20-40 million for parking infrastructure
Bicycle Oriented Development: Copenhagen

- **Concept**: provide security, safety, speed, health, experience and comfort to cyclists
  - Cycle track network
  - Bicycle parking
  - Signal intersections
  - Combined cycling and public transport
  - Awareness campaigns

- 50% of Copenhagen residents cycle to their workplace or educational institution
- Reduces approx. 90,000 Tons of CO2 Emissions per Year
Transport Planning: La Rochelle

**Concept:** integrated intermodal transport

- built new housing, office buildings, and public areas (densification)
- expanded public transport, park & ride stations, bike sharing
- integrated ticketing
- synchronized information systems
- synchronised schedules

Decrease of car use shares from 57% to 50%
Thank you for your attention!

Max Grünig

Ecologic Institute, Pfalzburger Str. 43-44, D-10717 Berlin
Tel. +49 (30) 86880-0, Fax +49 (30) 86880-100
max{dot}gruenig{at}ecologic{dot}eu
www.ecologic.eu