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Sustainable Urban Mobility: Best Practices

Max Grünig

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IDEC: Debate Automóvel e Consumo

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▶ Independent Research Institute

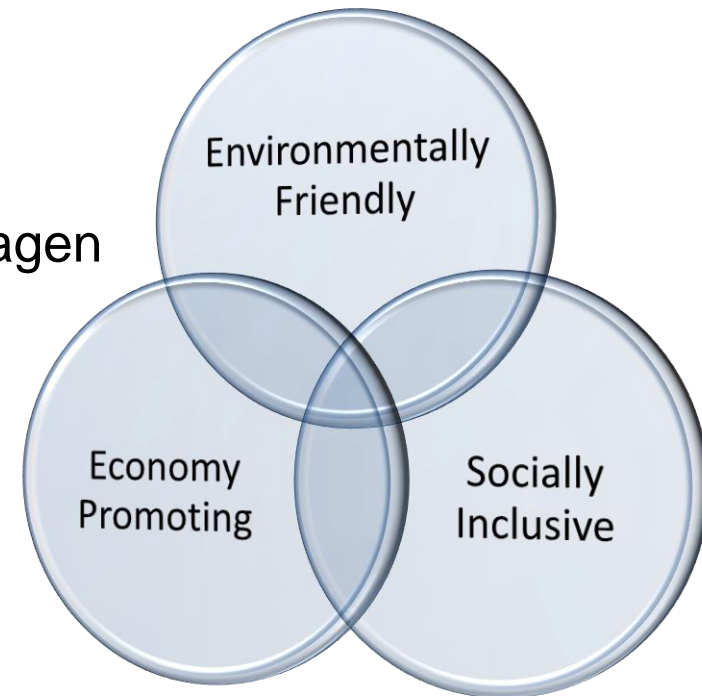- ▶ Environmental Research
- ▶ Policy Analysis
- ▶ 120 employees

▶ 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*

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Urban Mobility Best Practices

▶ **Congestion Pricing:** London

▶ **Parking Management:** Bremen

▶ **Bicycle Oriented Development:** Copenhagen

▶ **Transport Planning:** La Rochelle

Environmentally Friendly

Economy Promoting

Socially Inclusive

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Congestion Pricing: London

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

- **Results:**

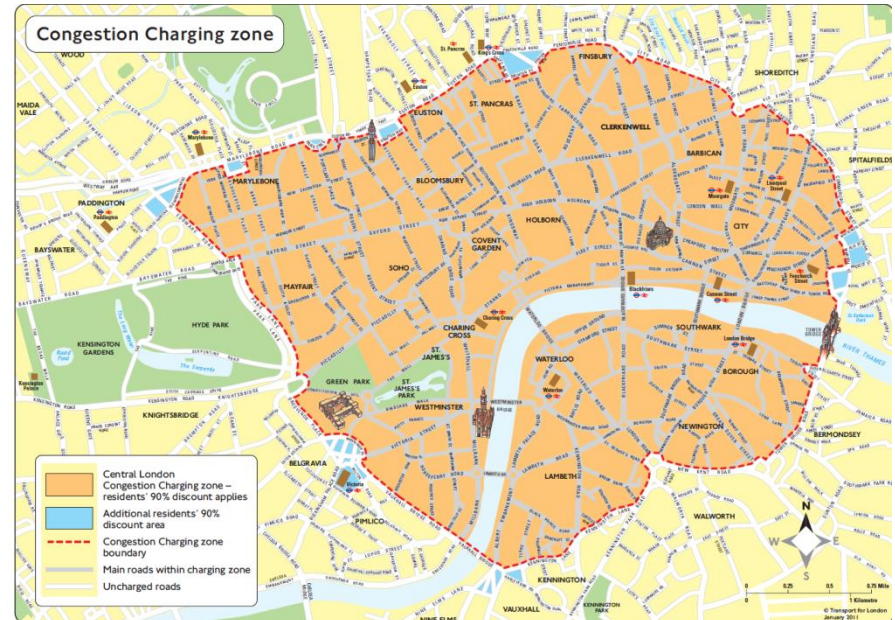| -26% Congestion	£190 million Total Revenues
+37% Car Speeds	-50% Bus Delays

+14% Bus Ridership

Congestion Charging zone

Central London Congestion Charging zone – residents' 90% discount applies

Additional residents' 90% discount area

Congestion Charging zone boundary

Main roads within charging zone

Uncharged roads

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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

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Bicylce Oriented Development: Copenhagen

▶ **Concept**: provide security, saftey, 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 CO_2 Emissions per Year

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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%

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Thank you for your attention!

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