SWEDISH INFRASTRUCTURE CHARGING
Policy Guidelines

• Sustainable mobility and socio-economic efficiency

• Efficient use of infrastructure for all modes
SWEDISH INFRASTRUCTURE CHARGING Policy Guidelines

- Infrastructure charges should be based on short run marginal costs

- Infrastructure, charges, rules and regulations should be used in an intelligent mix to reach overall policy objectives for accessibility, environment, safety, land use, etc.
SWEDISH INFRASTRUCTURE CHARGING Principles

• Charges shall make transport users and operators aware of the effects of modal choice and traffic movements (including external effects)

• Coverage of fixed costs should not be allowed to disturb socio-economic efficient modal choice
SWEDISH INFRASTRUCTURE CHARGING Principles

- Socio-economic cost-benefit analysis should be used as an investment decision tool for all modes

- 2nd best charging must be possible to compensate for insufficient internalisation of external costs
SWEDISH INFRASTRUCTURE CHARGING
Current rail charges, passenger (2004)

- Wear and tear (€ 0.0009 per gross tonne km where 2/3 is an “overall” mark-up for the Öresund bridge)
- Accidents (€ 0.12 per train km)
SWEDISH INFRASTRUCTURE CHARGING
Current rail charges, passenger (2004)

- Emissions (€ 0.034 per litre diesel used; lower charges possible for "good vehicles")

- Information to passengers (€ 0.0002 per gross tonne km for passenger trains)

- 30 % of the maintenance costs on secondary lines
SWEDISH INFRASTRUCTURE CHARGING
Current rail charges, freight (2004)

- Wear and tear (€ 0.0003 per gross tonne km)
- Accidents (€ 0.06 per train km)
- Emissions (€ 0.034 per litre diesel used; lower charges possible for “good vehicles”)
SWEDISH INFRASTRUCTURE CHARGING
Current rail charges, freight (2004)

- Shunting (€ 0.44 per wagon)
- Öresund bridge fee (€ 255 per train)
- 30 % of the maintenance costs on secondary lines
SWEDISH INFRASTRUCTURE CHARGING

- Mark-ups (30%, Öresund) in line with new legislation?
- Differentiation related to vehicle, speed, track, etc.?
- Scarcity charges (planning)?
- Congestion charges (operations)?