

IMPACTS Seattle Conference

Session 7: Using Technology to Enhance Sustainable Mobility *The European Experience*

Fredy Wittwer
Director of Mobility
Canton of Geneva

Kyoto Agreement

Agenda 21

**Parliamentary
Commitment**

**Law
*Agenda 21***

**Public Service
Sustainable
Development**

Law Monitoring

**Principle
Objectives**

**Interdepartmental
Coordination &
Collaboration with
NGOs and citizens**

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Mobility

- Quality Assurance

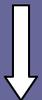
Planning



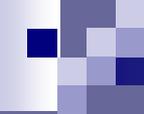
Action



Evaluation

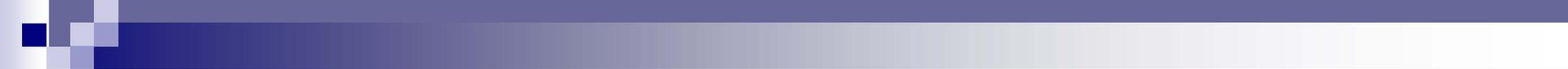


Improvement



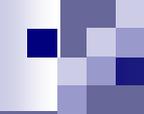
Planning

- Guiding Principles
 - Equity Access
 - Prospective versus Corrective Planning
- Objectives
 - Political
 - Technical / Standards
- Evaluation
 - Monitoring data - Current versus Objectives
- Action Plan



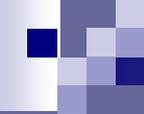
The Mobility Master Plan

- All projects of the Mobility Master Plan are certified / labeled “*Agenda 21*”



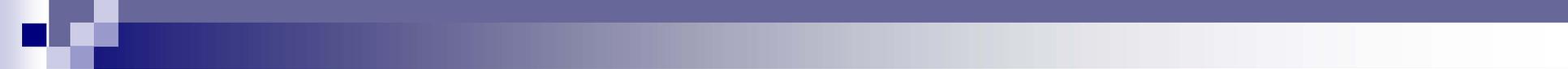
Certified Projects

- Feasibility
 - Institutional Responsibility
 - Legal
 - Financial
 - Time table
 - Complementary with other projects
- Impact Assessment
 - Technical
 - Environmental
 - Social
 - Economic
- Improvement Measures
- Multi-criteria Analysis
 - Based on all political, social, economic, technical impacts



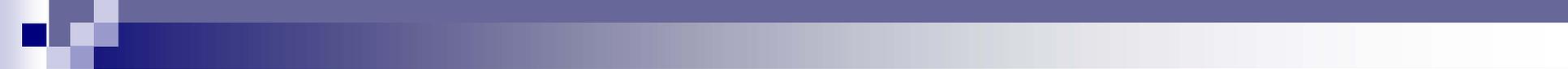
Action

- Implementing measures to reduce construction impacts
- Observatory
 - Indicators
 - Monitoring
 - Assessment



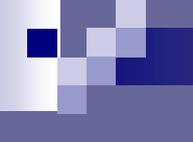
Evaluation

- Assessment of the trends of indicators relative to the objectives
- Improvement decisions



Facilitate Private Initiatives

- Corporate Mobility Plan
- Security Actions
 - Noctambus
 - Pedibus
- Car sharing

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- Projects are tools for accomplishing objectives “*Agenda 21*”
 - ITS are tools to
 - Improve operation
 - Monitoring of the impacts

ITS Tools

- GPS
 - Truck taxes
 - Security / GPS – Airbag – Mobile
- Digital Camera
 - Urban tolls
 - Speed enforcement
 - Virtual detectors
 - Accident detection
- Automatic Signalization
 - Priority to buses
 - Freeway operation
- Radio internet
 - Partins's information
 - Infomobility