

Investing for Sustainable Transport: Transport Investment and Carbon Emissions in Australia, New Zealand, Ireland, and the United Kingdom (15/6/17)

The EU's role in shaping transport policy

Direct and indirect influence, and what opportunities can NZ cities utilise.

Kain Glensor

➤ Direct influence through legislation in transport-relevant sectors

- Energy
- Transport
- Air quality including monitoring
- CO₂ emissions (excluded from the ETS)
- Energy efficiency
- ...



➤ Provides a stable and ambitious environment for positive action

“National transport strategies have a short time period, usually 5 or 10 years, whereas substantial emission reductions may require a time period of 20 to 30 years.”

- **Indirect – engagement with cities**
- ‘Facilitation’ of actions with interested cities (EU doesn’t have legislative power in this area)
- Funding of projects
- Knowledge exchange and pooling

➤ Research funding

- Horizon 2020: societal challenges pillar (€30b)
 - Energy (€5.9 billion)
 - Transport (€6.3 billion)
 - Climate action, environment, resource efficiency, and raw materials (€3.1 billion)



➤ Eltis

- “Facilitates the exchange of information, knowledge and experiences in the field of sustainable urban mobility”¹



➤ CIVITAS

- “A network of cities for cities dedicated to cleaner, better transport”²

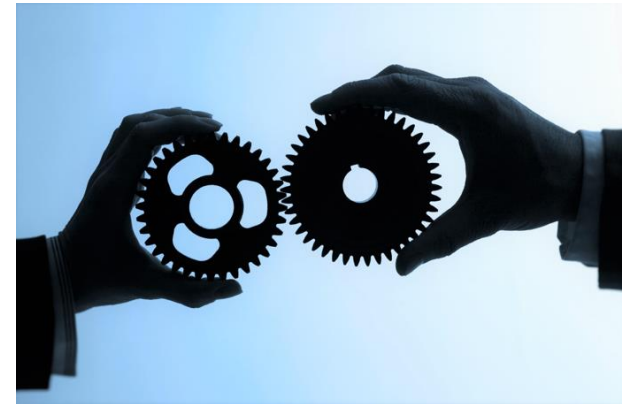


➤ SUMP (Sustainable Urban Mobility Plans)

1: eltis.org

2: civitas.eu/about

- **It is possible for cities to take action**
- Project-generated or official guidelines available on many topics
- Participation (without funding) in *Horizon 2020* projects possible, possibly welcomed even:
 - EU likes to see geographic spread of partners (within Europe)
 - Novelty – NZ is promised land to many Europeans
- Participation in EU-supported activities
 - Knowledge sharing platforms fora etc.
 - Webinars
 - E-learning



SUMP



The *Sustainable Urban Mobility Planning* framework/process

- **Started in 2009 (EC) to accelerate the take-up of SUMPs**
 - “a new planning concept able to address transport-related challenges and problems of urban areas in a more sustainable and integrative way”
- **Transport is crucial for:**
- Urban environment/quality of life (incl. urban form/design)
- Health and air pollution
- CO₂ emissions
- (Imported) energy use
- **Early examples**
- UK Local Transport Plans (LTP)
- France Plans de Déplacements Urbains (PDU)
- SUMPs new or non-existent idea elsewhere

	Traditional	Sustainable Urban Mobility Planning
Focus	Traffic	People
Primary objectives	Traffic flow capacity and speed	<ul style="list-style-type: none"> • Accessibility and quality of life • Sustainability • Economic viability • Social equity • Health
Focus	Modes	Balanced development of all relevant transport modes -> shift towards cleaner and more sustainable modes
Focus	Infrastructure	Integrated set of actions
Sectors	Transport	Transport, but consistent and complementary to related policy areas (land use and spatial planning, social services, health etc.)

	Traditional	Sustainable Urban Mobility Planning
Scope	Short- and medium-term delivery plan	Short- and medium-term delivery plan embedded in a long-term vision and strategy
Scope	An administrative area	A functional area based on travel-to-work patterns
Written by	Traffic engineers	Interdisciplinary planning teams
Who's included	Experts	Experts and stakeholders -> transparent and participatory approach
Impact assessment	Limited	Regular monitoring and evaluation of impacts

http://www.eltis.org/sites/eltis/files/sump_guidelines_en.pdf

SUMP Guidelines



Guidelines

Developing and Implementing
a Sustainable Urban Mobility Plan

http://www.eltis.org/sites/eltis/files/sump_guidelines_en.pdf



Funded by the Intelligent Energy Europe
Programme of the European Union

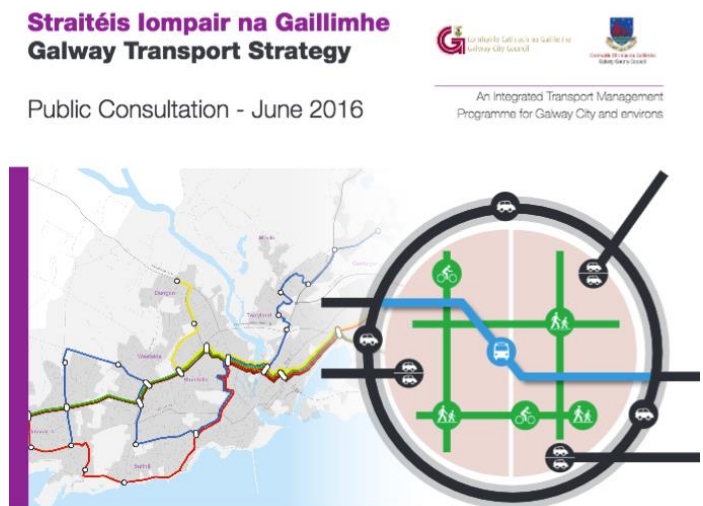




<http://www.eltis.org/mobility-plans/city-database>

- Process ongoing
- Explicitly linked to Galway City Development Plan 2017-2023
- Aspects covered:
 - Transport Demand
 - Modelling and Appraisal
 - Public Transport Network Development
 - Public Transport Infrastructure Development
 - Cycle Network and Infrastructure Development
 - Public Realm Proposals
 - Smarter Mobility
 - Strategic Environmental Assessment
 - ...

<http://www.galwaycity.ie/galway-transport-strategy/>

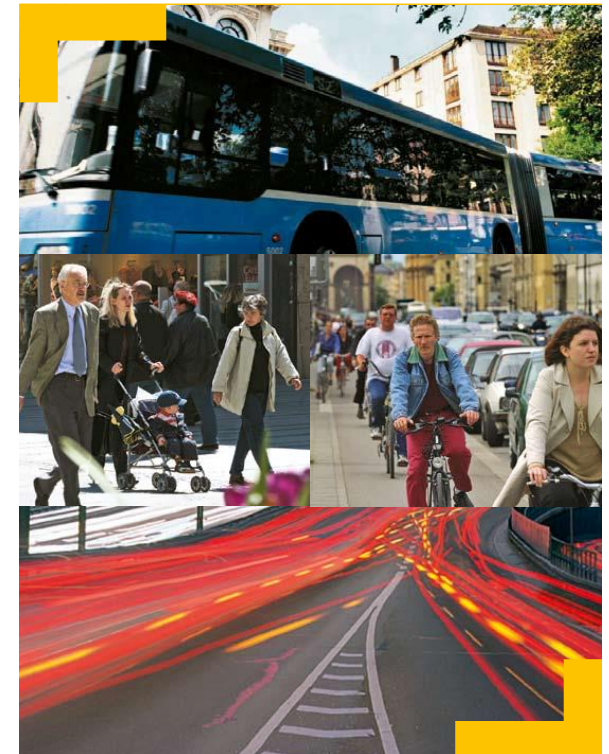


- **Approved in 2006**
- **Overarching aims**
 - Reducing traffic
 - Shifting traffic
 - Managing traffic
- **Well integrated**
 - Geographically
 - Departmentally
 - Vertically (broader urban development plan)

https://www.muenchen.de/rathaus/dam/jcr:1f76e204-b0dc-43af-ba51-f35d7d3a2430/vepo6_kurz_eng.pdf

Information about urban development

Transport Development Plan



 **PERSPECTIVE
MUNICH**

➤ **Successes**

- 526 plans registered on eltis.org (282 online)

➤ **Limitations**

- ‘SUMP’ is a process rather than a predefined set of measures

- Quality and ambition of SUMPs varies
- Only as good as the ambition behind it

➤ **Effectiveness (as a whole) is difficult to determine**

- Large number of EU projects examining sustainable urban transport **measures**
 - TIDE, SOLUTIONS, EVIDENCE, **SUMPs-UP**, SUITS, SHAPE-IT, FUTURE-RADAR...

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**Thanks for your
attention!**

For more information, see our website

www.wupperinst.org/en/