

# SUSTAINABLE MOBILITY INITIATIVES FOR LOCAL ENVIRONMENT

## Project Summary

### Project main objectives

The project aims to reduce the negative impact of urban transport on air quality, climate, noise environment and quality of life, by promoting and demonstrating sustainable mobility initiatives in local authorities.

The objectives are:

- To encourage the development of new behaviour from citizens, end-users of transport,
- To improve urban mobility by promoting the implementation of innovative good practices on a permanent basis in local authorities, tackling integrated policy strategies, infrastructures, mobility plans, alternative vehicles, etc.,
- To support 10 demonstration projects on urban mobility from a technical standpoint, and promote them throughout Europe to induce replication of good practices in Europe and the Central and Eastern European Countries.

Overall, the project aims to capitalise in particular on the results of the "In town without my car!" campaigns.

### Project expected results

- A comprehensive data-base of replicable good practices for sustainable urban mobility,
- Guidelines to integrate public transport systems and specific target groups into mobility initiatives,
- Guidelines for noise abatement in urban environment,
- 10 demonstration projects for sustainable mobility promoted, contributing to replication of good practices,
- Strengthened media coverage of transport issues and environment.

### Project main benefits for local authorities

By participating in the S M I L E project, local authorities will:

- **get in-depth information** on sustainable urban mobility policies and initiatives via in particular the website (the questionnaires received from local authorities will be made available on the project website [www.smile-europe.org](http://www.smile-europe.org)), the preparation of publications and guidelines, etc.,
- **exchange their experience and transfer their know-how** in the field of sustainable urban mobility policies and initiatives via in particular the data-base of replicable good practices, the participation in seminars, events and site visits, etc.

### Project partners

- **ADEME (FR)**, French Environment and Energy Management Agency, project co-ordinator,
- **IDAE (ES)**, Spanish Institute for the Diversification and Saving of Energy,
- **Access (EUR)**, Eurocities for a New Mobility Culture,
- **Energie-Cités (EUR)**, Association of European Municipalities promoting a Sustainable Local Energy Policy,
- **ENEA (IT)**, Italian Agency for the Environment, New Technologies and Energy Management,
- **E.V.A. (AT)**, the Austrian Energy Agency,
- **Klima-Bündnis / Alianza del Clima e.V. (EUR)**, Climate Alliance of European Cities,
- **EA.UE (EUR)**, European Academy of the Urban Environment.

The S M I L E project is supported by DG Environment of the European Commission within the LIFE programme.

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## SUSTAINABLE MOBILITY INITIATIVES FOR LOCAL ENVIRONMENT

# Questionnaire for Local Authorities

### Foreword and information relevant to fill in the questionnaire

This questionnaire has been prepared in the framework of the S M I L E project (see project summary and/or visit the web site of the project at [www.smile-europe.org](http://www.smile-europe.org) for more information). One of the main objectives of this project is to promote innovative good practices for sustainable urban mobility developed during the "In town without my car!" (ITWMC) campaigns 2000 and 2001<sup>1</sup> in particular, to achieve the implementation of permanent measures in local authorities.

To achieve this objective, different activities will be carried out i.e.:

- Inventory of good practices,
- Analysis and benchmarking,
- Integration of public transport,
- Analysis of the needs of special target groups,
- Communication activities.

The aim of this questionnaire is to make the **inventory of good practices** to be further promoted. To achieve this task, we ask you for comprehensive information about the overall policy and the measures implemented/actions undertaken to promote sustainable mobility in your local authority.

As the questionnaire is focused on the **permanent measures** your local authority has implemented or launched during the "In town without my car!" campaigns but also all over the last few years (you should not go back to more than 3 - 5 years), before filling in the questionnaire, it is important that you know what we consider as a permanent measure and especially innovative and replicable permanent measure: this should be **a measure that you have made permanent in your local authority and which contributes to modal transfer from private car to sustainable modes of transport and to a more sustainable urban mobility in general (bus lanes, cycle paths, measures for walking, etc.)**.

Please note that the S M I L E project cannot finance any permanent measures. But it can provide technical assistance to develop such *in situ* projects and can disseminate the results throughout Europe.

**In order to help you to fill in the questionnaire and to facilitate the count of the questionnaires we will receive, here are a few guidelines:**

- **to go through the questionnaire, use the lift on your screen or the mouse,**
- **to go from one field to another, use the keys "page up" and "page down" of the keyboard,**
- **when appropriate, tick inside the boxes with the key "x" of the keyboard or the mouse,**
- **use the space given to answer more or less,**
- **mention "not applicable" when necessary,**
- **write in black,**
- **use the font Arial, size 10,**
- **avoid photos and graphs.**

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<sup>1</sup> Nevertheless, the information to be collected does not have to be related exclusively to the "In town without my car!" campaigns and may also concern any permanent measure implemented in the local authority

**If necessary**, “In town without my car!” campaign national co-ordinator may add their own instructions appropriate to national/local circumstances and/or adapt **SLIGHTLY** the questionnaire to national/local circumstances (e.g. in Austria, the term “In town without my car!” is not used but European Car Free Day).

In any case, **we thank you warmly for your interest and for the time that you are going to spend for this enquiry**. The main results will be made available on the S M I L E website in particular. This questionnaire is also a call for innovative good practices carried out in local authorities in the field of sustainable urban mobility. Your policies and initiatives could be amongst these described on the S M I L E website (data-base of replicable good practices) and broadly publicised. You could also be invited to attend events and to present to a large audience your own experience.

For any further information or questions regarding the S M I L E project or this specific questionnaire, please contact us at **{Name and full details of the “In town without my car!” campaign national co-ordinator and/or the S M I L E project partner}**.

**QUESTIONNAIRE TO BE SENT BACK PER E-MAIL** {E-mail address of the “In town without my car!” campaign national co-ordinator and/or the S M I L E project partner} **TO** {Name of the “In town without my car!” campaign national co-ordinator and/or the S M I L E project partner} **by the** {Date to specify}

# 1 - General information on the local authority

1.1- Name of the local authority, region (or equivalent) where it is located and country

1.2 - Surface in ha

1.3 - Number of inhabitants in the local authority

1.4 - Number of jobs in the local authority

1.5 - Number of households in the local authority

1.6 - Full details of the technical responsible

First name:

Name:

Title:

Department:

Address:

Phone number:

Fax number:

E-mail address:

Web site:

## 2. Information on the local authority overall transport policy

If possible, please give beforehand basic information on the national legislation (including national regulations) concerning the transport sector (e.g. compulsory mobility master plans, compulsory air monitoring, etc.)

2.1 - Number of trips made each day (in thousands) within the local authority and average trip length in 1998 and 2000<sup>2</sup> (or the two most recent figures available)

	Local authority as a whole	City centre	Periphery (i.e. from periphery to periphery)	Through traffic (i.e. without passing in the city centre)	Starting from the local authority	Ending in the local authority
1998						
2000						

2.2 - Number of trips per purpose (in thousands) in 1998 and 2000

	TOTAL in thousands	Home-Work	Home-Education	Home-Shopping	Home-Leisure	Others
1998						
2000						

2.3 - Share of trips per purpose during peak hours and off peak hours in 1998 and 2000

Share of trips	Home-Work	Home-Education	Home-Shopping	Home-Leisure	Others
<b>1998</b>					
Peak hours					
Off peak hours					
	100%	100%	100%	100%	100%
<b>2000</b>					
Peak hours					
Off peak hours					
	100%	100%	100%	100%	100%

2.4 - Number of private vehicles belonging to the local authority's inhabitants

If possible, please distinguish light vehicles i.e. private cars and other light vehicles < 3,5 t (total maximum load including the weight of the vehicle) and heavy vehicles i.e. vehicles > 3,5 t

Light vehicles:

Heavy vehicles:

<sup>2</sup> or the two most recent figures available; footnote applicable each time the data is asked for 1998 and 2000

2.7 - Participation of the local authority in other sustainable urban mobility campaigns (e.g. "Walk to school", etc.) and years of participation

Names of the campaign	Years of participation

2.8 - Has your local authority prepared

	YES	NO
A traffic plan?	<input type="checkbox"/>	<input type="checkbox"/>
A mobility plan?	<input type="checkbox"/>	<input type="checkbox"/>
A strategic transport plan for the conurbation?	<input type="checkbox"/>	<input type="checkbox"/>
Other plans? Please list:	<input type="checkbox"/>	<input type="checkbox"/>

2.9 - Did your local authority launch or does it intend to launch the implementation of a sustainable mobility plan?

YES	NO
<input type="checkbox"/>	<input type="checkbox"/>

If yes, please explain briefly:

2.10 - What are the principal objectives of the transport policy in your local authority? (e.g. to provide greater accessibility and equal opportunity of mobility for all, to ensure a modal shift from private car to sustainable modes of transport, to regenerate the local economy by reducing congestion, to improve quality of life and health by reducing air pollution, etc.). Please list up to 5.

1.

2.

3.

4.

5.

2.11 - What are the principal characteristics of the transport policy in your local authority? (e.g. restraining access of private vehicles in the city centre, developing the attractiveness of sustainable modes of transport, promoting private vehicles using less polluting fuels like natural gas, biogas, bio-fuels, electricity, Liquefied Petroleum Gas, etc., developing intermodality, re-allocating road-space, etc.). Please list up to 5.

1.

2.

3.

4.

5.

2.12 - What is the modal split<sup>3</sup> in your local authority for 1998 and 2000?

	Public transport	Private vehicles including motorbikes	Cycling	Walking	TOTAL
1998					100%
2000					100%

2.13 - If possible, please indicate the overall national modal split for 1998 and 2000

	Public transport	Private vehicles including motorbikes	Cycling	Walking	TOTAL
1998					100%
2000					100%

2.14 - Does your local authority have a goal in terms of modal split in the next 5 or 10 years?

Public transport	Private vehicles including motorbikes	Cycling	Walking	TOTAL
				100%

2.15 - Have there been any important changes in the modal split in the past few years?

YES                      NO



If yes, please explain briefly:

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<sup>3</sup> Percentage of trips made with each means of transport

2.16 - What are the principal objectives of the parking policy in your local authority? (e.g. to reduce the city centre parking stock, to maximise vehicle turnover, no free parking fees at all parking areas, no new public car parks in the city centre, etc.). Please list up to 5.

- 1.
- 2.
- 3.
- 4.
- 5.

2.17 - What are the average parking costs (in € per hour) for 1998 and 2000?

<b>Average parking costs (in € per hour) in 1998</b>	<b>City centre</b>	<b>Periphery</b>
On-street parking		
Off-street parking (parking lots)		
<b>Average parking costs (in € per hour) in 2000</b>	<b>City centre</b>	<b>Periphery</b>
On-street parking		
Off-street parking (parking lots)		

2.18 - Does your local authority have a transport policy designed to discourage the use of the private car in the municipality?

YES                      NO



If yes, how is this policy put into practice? Are there planning documents, regulations, decisions of the Council, etc. which limit or forbid the creation of parking spaces, which propose regulated neighbourhoods without cars, etc.? Please list/give some examples.

2.19 - Are private businesses encouraged to prepare a commuting/transport plan for their staff? (e.g. by proposing a car pooling system within the company, by restricting the standard mileage rates for the use of private cars combined with an increase of subsidy to public transport season tickets, by creating their own transport services, etc.).

YES NO

If yes, how?

2.20 - Does your local authority run public awareness campaigns to promote the use of sustainable modes of transport? (e.g. walking, cycling, public transport)

YES NO

If yes, please indicate their nature

2.21 - Does your local authority pilot a long-term initiative designed to enhance public awareness of the pollution, noise and congestion arising from over-reliance on cars for transport in city centres?

YES NO

If yes, please indicate its nature

2.22 - Does your local authority consider the needs of special target groups in its transport policy?

YES

NO

If yes, please tick the appropriate box(es)

Women

Children

Youth/Students

Retires

Disabled

Shopkeepers

Other target groups

e.g. "Transport poors", Residents, Cyclists

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Comments:

2.23 - Please list the instruments used to take these needs into account (e.g. checklists, participation models or bodies with stakeholders installed, etc.)

1.

2.

3.

4.

5.

2.24 - Please give some examples on measures implemented and how these measures were adapted in order to meet the needs of the target group(s) considered

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2.25 - Does your local authority have

- |   | YES                      | NO                       |
|---|--------------------------|--------------------------|
| A passenger interchange station?                              | <input type="checkbox"/> | <input type="checkbox"/> |
| A goods interchange depot or a goods transfer depot?          | <input type="checkbox"/> | <input type="checkbox"/> |
| Mode transfer facilities (e.g. Park and Ride, Bike and Ride)? | <input type="checkbox"/> | <input type="checkbox"/> |

	Number	Capacity	Location (periphery)	Location (close to the city centre)
Park and Ride				
Bike and Ride				
Other transfer facilities				

Comments:

- |  | YES                      | NO                       |
|--|--------------------------|--------------------------|
| An integrated ticketing system allowing access to all public transport modes?                        | <input type="checkbox"/> | <input type="checkbox"/> |
| A combined ticketing system for parking and public transport?  | <input type="checkbox"/> | <input type="checkbox"/> |
| A single public transport structure covering the municipality and the surrounding local authorities? | <input type="checkbox"/> | <input type="checkbox"/> |
| A real-time information system for public transport users and/or motorists?                          | <input type="checkbox"/> | <input type="checkbox"/> |

Comments:

2.26 - Does your local authority have its own public transport system with

YES NO

**Buses?**

- > Total number of vehicles:
- > Average age of the vehicles:
- > Total number by type

standard	articulated	midibuses	minibuses	other types of vehicles

- > Fuels used

diesel	petrol	natural gas compressed and/or liquefied	electricity pure electric and/or hybrid	Liquefied Petroleum Gas	biogas	bio-fuels	other fuels

YES NO

**A trolley bus network?**

- > Total number of vehicles:
- > Average age of the vehicles:

**A tramway system?**

**A metro/underground?**

**Other local public transport systems?**

Please list:

2.27 - Does your local authority plan to establish a new mode of public transport (e.g. tramway)?

YES NO

If yes, please give details and the timetable:

2.28 - Are there links with the regional, national transport operators (information, fares, infrastructure, etc.)?

2.29 - How is the public transport funded in your local authority?

Subsidies from the local authority

State budget

Others:

Comments:

2.30 - How many public transport companies are there in your local authority?

2.31 - What are their legal forms (public, private)?

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2.32 - What are the management arrangements and the way in which they are funded?

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2.33 - What are the average public transport fares (in € per trip and for a single trip ticket) and which is the validity duration of a single trip ticket (in hours and/or in number of transfers) for 1998 and 2000?

	<b>Average public transport fares (in € per trip and for a single trip ticket)</b>	<b>Validity duration of a single trip ticket (in hours and/or in number of transfers)</b>
1998		
2000		

2.34 - What is the proportion of running costs covered by fare collection in percentage in 1998 and 2000?

1998

---

2000

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2.35 - What is the total revenue from fares in €?

1998

2000

2.36 - What is the length of the public transport network (in kilometers)? Please indicate also the number of routes and the commercial speed (in km/h)

	Length (km)	Number of routes	Commercial speed (km/h)
Bus			
Trolley bus			
Tramway			
Metro/Underground			
Suburban railway lines			
Others			
<b>TOTAL</b>			

Average speed of private vehicles in the local authority (in km/h):

2.37 - What percentage of the population of the local authority is served by the public transport network i.e. living at a distance from a public transport stop/station less than 500m?

2.38 - What is the number of passengers per kilometer carried per year in 1998 and 2000? If possible, please indicate also the national average

	Passengers/km/year	National average
1998		
2000		

2.39 - Which role did public transport companies play in your local authority within the "In town without my car!" campaigns and for a sustainable local transport system in general in the last few years?

How did they contribute, can you give some best practice examples, some measures that had a particular added value?

2.40 - In your opinion, what would be needed from public transport companies for better supporting the "In town without my car!" campaigns in your local authority and a sustainable local transport system in general, (e.g. more frequent public transport services, better marketing, etc.)?

2.41 - Has your city proceeded with regard to noise abatement measures for road traffic?

YES                      NO

                    

If yes, please tick the appropriate box(es):

- > Individual measures
- > Integration of a city wide concept for noise abatement into the local authority's overall transport policy

Comments:

Person to contact for more detailed information regarding noise issues:

First name:

Name:

Title:

Department:

Address:

Phone number:

Fax number:

E-mail address:

Web site:

### **3. Measures implemented / actions undertaken that have been made permanent in the local authority**

**The idea is to list here all the permanent measures which have been implemented by your local authority during the “In town without my car!” campaigns but also all over the last few years (you should not go back to more than 3-5 years) to encourage modal transfer from private car to alternative modes of transport (walking, cycling, public transport, etc.) and to a more sustainable urban mobility in general and at city level.**

### 3.1 - Did your local authority implement permanent measures to favour sustainable modes of transport by (walking, cycling, public transport, etc.)

Re-allocating road-space?

Limiting the number of parking spaces or/and increasing the price of parking?

Improving the public transport system?

Creating a cycle network and bicycle parking lots or/and introducing bike renting?

Creating a pedestrian network and pedestrian streets/zones?

Other permanent measures?

1.

2.

3.

### 3.2 - Did your local authority implement permanent measures to develop intermodality by

Creating parking facilities (Park and Ride, Bike and Ride) in the periphery or/and close to the city centre well connected to public transport services?

Introducing an integrated ticketing system<sup>4</sup> or/and a combined ticketing system for parking and public transport?

Constructing a passenger interchange station?

Other permanent measures?

1.

2.

3.

### 3.3 - Did your local authority implement permanent measures to improve the attractiveness of public transport by the introduction of

Cleaner vehicles?

New lanes dedicated to public transport?

Real time information systems for public transport users?

Automatic ticketing systems (non contact sensing of tickets, etc.)?

Demand-responsive services?

Other permanent measures?

1.

2.

3.

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<sup>4</sup> Systems aimed to pay with the same ticket the use of the different transport modes and their infrastructure

### 3.4 - Did your local authority implement permanent measures for optimised and cleaner goods transport and deliveries by the introduction of

Unloading platforms?

A fleet of clean vehicles?

Other permanent measures?

1.

2.

3.

### 3.5 - Did your local authority implement permanent measures to reduce the use of private cars by the introduction of

Access restrictions for private vehicles in one or several areas?

Toll prices for vehicles entering in the municipality?

Car sharing or/and Car pooling systems?

Bike renting?

Sustainable transport plans for companies/schools/administrations?

Other permanent measures?

1.

2.

3.

### 3.6 - Did your local authority implement permanent measures to reduce noise levels from road traffic by the introduction of

Traffic reduction?

Traffic avoidance (e.g. strengthening and improving local shopping centres in district areas)?

Re-directing traffic (e.g. on to by-pass roads, designated routes for goods vehicles, etc.)?

Re-classification/classification or de-classification for a better defined road network?

Supporting sustainable modes of transport (e.g. public transport, cycling and walking)?

Parking management concepts?

Creating 30 kph zones/traffic calming?

Noise-reducing road surfaces?

Underpasses, cuttings/troughs, building over roads?

Sound attenuation barriers and structures?

Sound-proofing windows?

Other permanent measures?

1.

2.

3.

[Continuation of the questionnaire page 23.](#)

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### 3.7 – Permanent measure sheet

<b><u>Summary description</u></b>
<b><u>Exact title</u></b>
<b><u>Initiator and partners</u></b>
<b><u>Objectives</u></b> 1. 2. 3.
<b><u>Duration</u></b>
<b><u>Target group(s)</u></b>
<b><u>Financial aspects</u></b>
<b><u>Obtained and/or expected results</u></b>
<b><u>Future plans</u></b>
<b><u>Useful information (list of publications, list of websites, documentation to download)</u></b>
<b><u>Contact</u></b>

## 4 – The demonstration projects

The S M I L E project aims to capitalise on the results of the “In town without my car!” campaigns and on other permanent measures implemented at local level, supporting and promoting the development of a number of demonstration projects across Europe. Around **10 local authorities** will be selected to become European “showrooms” for innovative *in situ* measures towards sustainable urban mobility.

The projects will need to cover specific topics such as:

1. Public Transport
2. Goods Transport and Deliveries
3. Mobility Master Plans
4. Specific Mobility issues in Touristic Areas
5. “Soft” Transport Modes
6. Car Sharing and Car Pooling
7. Eco-driving (passenger cars)
8. Citizens Participation (new governance)
9. Parking, Restricted Access Systems and Intermodality Approaches
10. Information Systems
11. Mobility Management in Companies

The selection of the candidate local authorities will be made on the basis of the permanent measures that you described further above in this questionnaire. Please note that the local authorities will be totally responsible for the implementation of their permanent measures, and that the S M I L E partners will participate by supporting and promoting the projects as well as facilitating exchange of experiences and transfer of know-how.

#### 4.1 - Would you be interested in receiving more information?

YES	NO
<input type="checkbox"/>	<input type="checkbox"/>

#### 4.2 - In which field of sustainable urban mobility you consider your local authority performed the best? Please explain why?

4.3 - Is your local authority willing to implement a demonstration project to further develop a specific mobility measure<sup>5</sup>? What kind of demonstration activities would you like to implement?

**QUESTIONNAIRE TO BE SENT BACK PER E-MAIL {E-mail address of the “In town without my car!” campaign national co-ordinator and/or the S M I L E project partner} TO {Name of the “In town without my car!” campaign national co-ordinator and/or the S M I L E project partner} by the {Date to specify}.**

**We thank you very much for your co-operation.**