

GENT - LJUBLJANA - ZAGREB - BRNO - PORTO

With respect for the past and an uncompromising vision of the future, Gent works hard to achieve a sustainable, creative, open and solidary community. With 24 demonstration measures, CIVITAS-ELAN gave the city a boost in implementing ideas and concepts, which were already in the pipeline for a long time. Over 50 enthusiastic people make it all happen, together with the citizens. Within each measure, the citizens' engagement aspect has been taken into account from the very beginning. The main intermediate achievements are:

Clean (public) transport

- Introduction of 20 CIVITAS-branded hybrid buses
- Over 50 redesigned bus stops are now safer
- Real Time Passenger Information system for trams and buses
- The first electric shared car is put into use
- City administration starts profound fleet management



Cycling and walking

- Unique frame for student bikes
- 25 bike sheds installed at P+R, of which 20 are rented continuously
- Online cycling route planner; over 5.000 unique visitors in first two operating months
- 6 covered bike bins placed on public domain as a pilot

Changing mobility behaviour

- Introduction of the car-sharing concept in enterprise zones
- Awareness raising campaigns for walkers and cyclists, and in schools and companies
- Marketing campaign focused on visitors of cultural activities (theatre, cinemas, etc.) with free personal mobility advice
- Youth anti-vandalism campaign for public transport

and launch of the multi-media bus called "Trammelant"

Other issues

- Extended communication regarding the station area redevelopment
- Longer opening hours for the info point Project Gent-St-Pieters



GENT - LJUBLJANA - ZAGREB - BRNO - PORTO

Ljubljana's vision is to become by 2025 an ideal place to live for people with diverse lifestyles, in harmony with the natural environment, and grow into a very dynamic national and international centre. With activities in CIVITAS-ELAN, Ljubljana is increasingly turning into a sustainable and green city. The main challenge is to reach a turn in the predominant car-oriented culture and give priority to walking, cycling and public transport in the design of public space and in citizen's mobility habits. Since the start of the project in 2008, some notable achievements have been reached:

Better public transport

- The implementation of Urbana - smart electronic city card - laid the foundation for the integration of a payment system for local and national public transport
- 5 buses with engine standard EURO 5 have replaced old buses with EURO 0 or less and more new buses will be purchased to "green" the public transport operator's fleet

- 2 electric "on demand" vehicles put in service for the public which offer free-of-charge transport in the pedestrian zones
- 6 hybrid vehicles provided for city administration
- 50 cameras installed on buses to increase passenger's safety
- 25 displays for real-time information on bus arrivals intervals installed at bus stops
- Additional Park and Ride parking facilities (1.200 parking spaces) constructed at the new Stožice Sport Centre at the northern end of Ljubljana's high-quality mobility corridor

Walking and cycling

- Since 2007, the pedestrian and reduced speed zones expanded from ca. 3 hectares to 11,7 hectares which enables pedestrians and cyclists to spend more quality time in the city centre

Promotion

- More than 50 public awareness raising events organised by the CIVITAS-ELAN team



In Zagreb the growing problem of traffic congestion has reached a critical dimension asking for new innovative approaches, integrated management schemes and implementation of clean and energy efficient solutions. Mobility dialogue practiced during the first two project years revealed that citizens are well aware of mobility problems and ready to get involved in finding solutions in spite of the low level of public dialogue on mobility issues in the past years.

Early achievements within CIVITAS-ELAN:

Clean and more energy efficient vehicles

- 70 energy-efficient low floor trams
- 160 public transport buses and 40 lorries in waste management fleet on biodiesel
- 700 drivers and personnel trained to use and maintain the new vehicles

More attractive public transport

- New e-ticketing scheme in trams and buses
- Preliminary study on the inter-modal passenger terminal Sava North broadly welcomed by citizens

Cycling

- Public promotion of biking as efficient contribution to reducing traffic congestion, faster and easier passing through the city centre

GENT - LJUBLJANA - ZAGREB - BRNO - PORTO

Information sharing and mobility dialogue with citizens

- 10.000 copies of project brochure and leaflets on specific issues
- Info point in a refurbished old tram where information on project activities and results is provided; ca. 40 visits per day
- CIVITAS-ELAN Forum, a series of mobility events engaging different stakeholders, marking important dates, e.g. European Mobility Week, CIVITAS Day, World Health Day; more than 1.000 participants

Other issues

- Computer simulation model of present traffic situation on ELAN corridor as a baseline
- Transfer of project findings, experiences and lessons learned to two Croatian towns



GENT - LJUBLJANA - ZAGREB - BRNO - PORTO

Brno's key objective is to raise the number of public transport users and improve the quality of transportation. For this aim the city of Brno is - in cooperation with partner DPMB - implementing 6 CIVITAS-ELAN measures and the main achievements so far are:

Better public transport

- 5 new low-floor minibuses which make travelling for wheelchair users more comfortable

- All 153 ticket-vending machines are equipped with a diagnostic system which automatically alerts the control centre to allow fast reparations of defects
- By the end of 2010 vehicles will be equipped with a heating

regulation system that will optimise energy consumption within the tram and trolleybus network

Mobility Dialogue

- A comprehensive mobility dialogue started in July 2010 with a marketing survey; the results of the research will be incorporated into the city's Transport Plan for 2011



GENT - LJUBLJANA - ZAGREB - BRNO - PORTO

The Porto City Council is trying to minimise the effects of increased road traffic by adopting Mobility Management techniques and more sustainable means of transport. Trying to change citizens travel habits, the city has already implemented some CIVITAS-ELAN measures:



The Mobility Shop

- Its main purpose is to influence travel behaviour by providing mobility information while getting feedback and working as a constant observer of the area's mobility issues.

Car-pooling

- The Rota Partilhada (shared route) web platform allows planning and sharing of travel in private cars, reducing costs and optimising resources.

Information for Mobility Support (IMS)

- IMS helps users to plan their trips based on real-time information of different operators whose services are available in a certain area.



City of Ljubljana - consortium leader, and 9 local partners: LPP - Public Transport Company, Telargo, Urban Planning Institute of the Republic of Slovenia, University of Ljubljana, Transport Institute Ljubljana, Agricultural Institute of Slovenia, Regional Environmental Center Ljubljana, Jožef Stefan Institute and SZ - Slovenian Railway

Gent City Council and 7 local partners: De Lijn (PT), Max Mobiel, StudentENmobilititeit, Cambio, University of Gent, AWV and Digipolis
City of Zagreb and 6 local partners: Zagreb Holding Department ZET, Zagreb Holding Department CISTOCA, Faculty of Traffic Science, HZ Infrastructure - Croatian Railways, NGO Bicikl,

Odraž - Sustainable Community Development
City of Brno and 1 local partner - Brno Public Transport Company (DPMB)
City of Porto and 6 local partners: Faculty of Engineering of Porto's University (FEUP), Collective Transport Society of Porto (STCP), Light Rail Metro System of Porto (MP), National

Association of Road Passengers Transporters (ANTROP), Optimisation and Planning of Transports (OPT), Science Faculty of Porto's University (FCUP) and Foundation Fernando Pessoa (UFP)

Supporting partners:
Rupprecht Consult, FGM-AMOR, TRITEL



Simon, student, 26 years, Gent

“My bike still gets me around the fastest, but the new hybrid buses are also quite “cool” to use.”
www.civitasgent.be



Milan, shop owner, 59 years, Ljubljana

“My customers enjoy shopping in the centre even more since my shop is in the new pedestrian zone. No worrying about parking - they just come by bicycle or on foot.”
www.civitasljubljana.si



Vlatka, retired teacher, 74 years, Zagreb

“I think we are all - not just my generation - really excited about the new trams and buses, because they are much more comfortable.”
civitas-elan.zagreb.hr



Eliška, hospital nurse, 40 years, Brno

“All this talk about mobility made me think and I realized I do not need to use my car for every trip.”
www.civitas.brno.cz



Ines, 11 years, Porto

“My friends and I convinced our parents to organize car-pooling to get us kids to school. It's fun, good for the environment and mom says it's cheaper too.”
www.cm-porto.pt

Published by: REC Ljubljana; **Edited by:** REC Ljubljana, FGM-AMOR, Rupprecht Consult; **Photos:** CIVITAS-ELAN cities; **Layout:** Jaka Verbič Miklič; **Printed in:** Slovenia by Petit d.o.o.; **Circulation of:** 3000 copies; December 2010

GENT - LJUBLJANA - ZAGREB - BRNO - PORTO



Brno



Gent

CIVITAS - cleaner and better transport in cities - stands for City-VITALity-Sustainability. With the CIVITAS Initiative, the EC helps cities to achieve a user friendly, clean and (energy) efficient urban transport system by implementing and evaluating an ambitious, integrated set of technology and policy-based measures. Key elements: CIVITAS is co-ordinated by cities: it is a programme “of cities for cities”; Cities are at the heart of local public private partnerships; Political commitment is a basic requirement; Cities are living ‘laboratories’ for learning and evaluating.

CIVITAS-ELAN is one of the CIVITAS PLUS demonstration projects (2008 - 2012). The main objective is to mobilise citizens by developing - with their support - clean mobility solutions for vital cities, ensuring health and access for all. For this purpose much attention is dedicated to citizen participation, communication and dissemination while the project focuses on eight policy fields: alternative fuels and clean vehicles; collective transport and intermodal integration; demand management; influencing travel behaviour; safety, security, and health; innovative mobility services; energy efficient freight logistics and transport telematics.



Porto



Zagreb



Ljubljana

Mobilizing Citizen for Vital Cities

Starting in 2008 and ending in 2012 CIVITAS-ELAN has already reached half time. After two years, the first substantial achievements of all five CIVITAS-ELAN cities, which often are breaking new ground in the field of urban mobility, can be presented.

www.civitas.eu

