



CiViTAS
Cleaner and better transport in cities

POINTER

CIVITAS Forum

25 September 2012, Vitoria

Tariq van Rooijen - TNO



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Role of CIVITAS POINTER

- 1. Support CIVITAS Plus projects in performing their evaluation activities.**
 - Communication is essential. Important role for the project evaluation manager.
- 2. Monitor the progress of CIVITAS Plus measures and provide independent advice to the EC**
- 3. Provide the EC and the dissemination part of CIVITAS (Vanguard) with input about:**
 - outcomes of evaluation of measures
 - policy recommendations based on these outcomes



Evaluation in CIVITAS POINTER

The evaluation within CIVITAS POINTER consists of a framework with three parts:

- Impact evaluation of measures (30 common core indicators, defining scenarios, up-scaling)
- Process evaluation of measures (collecting information on preparation, implementation and operation of measure, defining factors for success and unexpected barriers)
- Cross-site evaluation (comparing results across sites and assessing transferability)



Current status and remaining activities CIVITAS POINTER

The measures have been implemented in the cities.

**Evaluation of measures is currently taking place.
POINTER reviews the evaluated measures.**

End of this year we expect all measures to be reviewed.

After that, POINTER will produce:

- **evaluation reports**
- **policy recommendations reports**
- **evaluation methodology reports.**



Recommendations

In CIVITAS Plus the CIVITAS Initiative has been enlarged.

Improvement of evaluation in CIVITAS PLUS leads to more accurate results.

- Focus on numerical values possible instead of only descriptions

Next support action can focus on exploitation of these results. For example:

- better search & find with a database
- explanatory notes
- lively thematic communities



Thank you!

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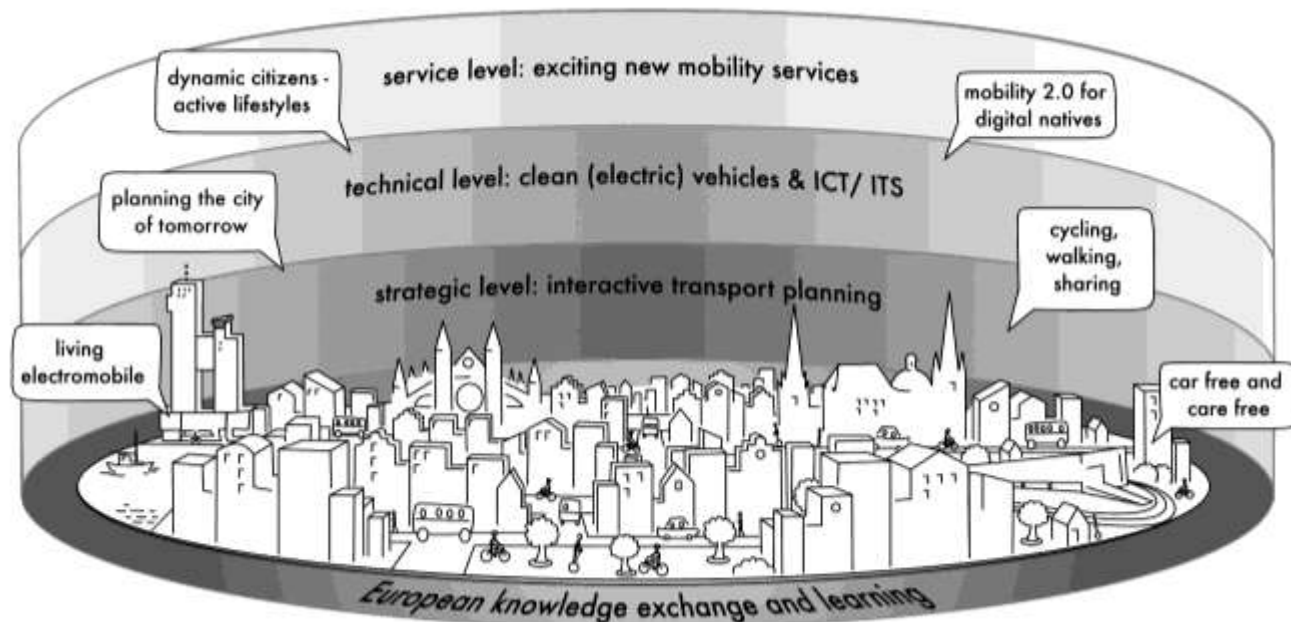
CIVITAS DYN@MO:

DYNamic_Citizens_@ctive_for_sustainable_MObility

Aachen – Gdynia – Koprivnica – Palma

Dyn@mo Mission Statement

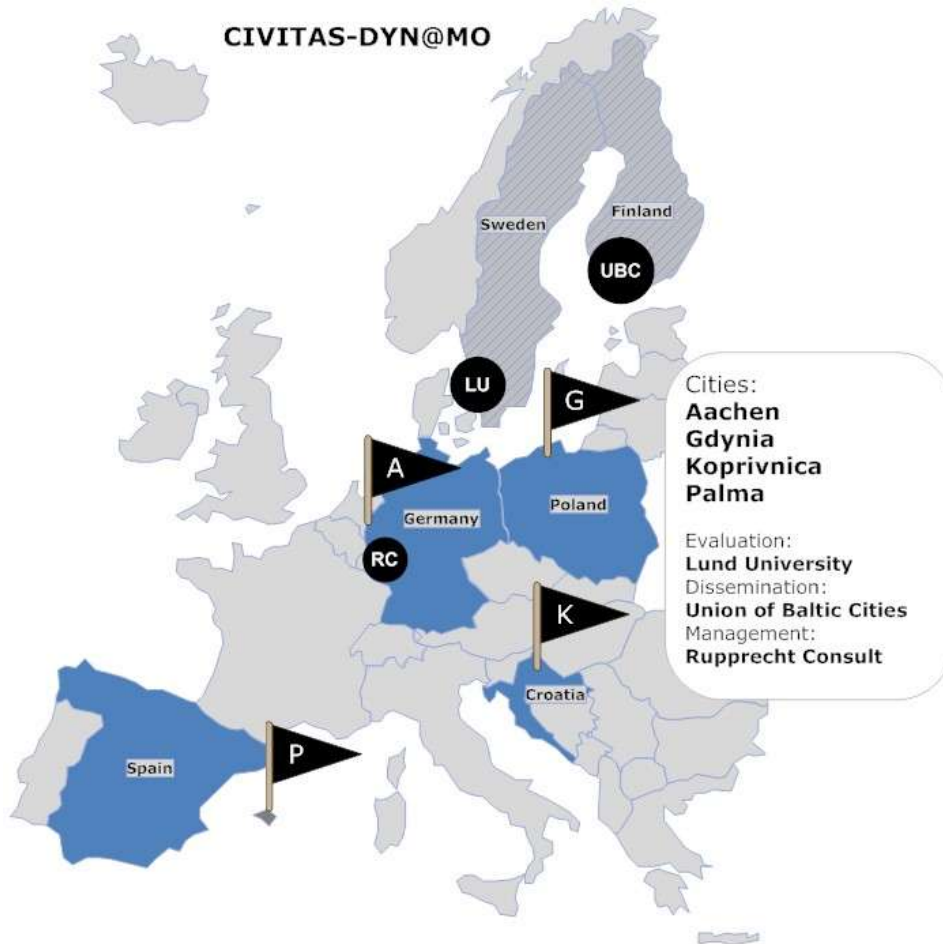
*The CIVITAS-DYN@MO mission is to strengthen **sustainable mobility** through promoting **non-polluting lifestyles**, through **social interaction** and collaboration on the basis of the **new media**, and through integrated implementation of **innovative transport services** for **active citizens of all ages**.*



The **three key working areas** of CIVITAS-DYN@MO are:

- engaging in a **dynamic citizen dialogue**
 - ➔ „Sustainable Urban Mobility Plans (SUMP)“
- implementing city and citizen-friendly **electric mobility** solutions
 - ➔ „Clean vehicles“
- developing "**Mobility 2.0**" systems and services
 - ➔ use of „Intelligent Communication Technology (ICT) & Intelligent Transport Systems (ITS)“

Dynamo – Fact & Figures

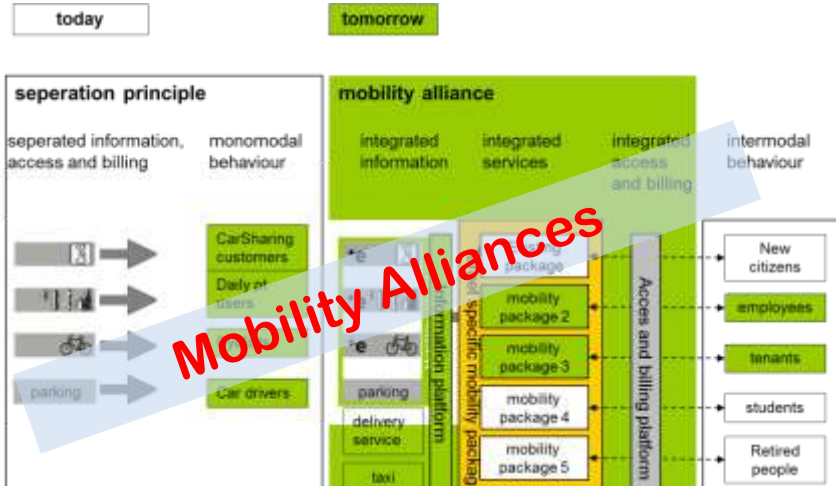


- Four partner cities: Aachen (DE), Gdynia (PL) as leading cities, Palma (ES) and Koprivnica (HR) as learning cities
- 28 partners in total
- 30 complementary measures
- Human resources of 1.200 person months will be engaged

CIVITAS-DYN@MO Financial Resources

- Total estimated investment cost: €30.000.000
- CIVITAS-DYN@MO budget: €13.117.112
- Requested EC contribution: €8.527.781

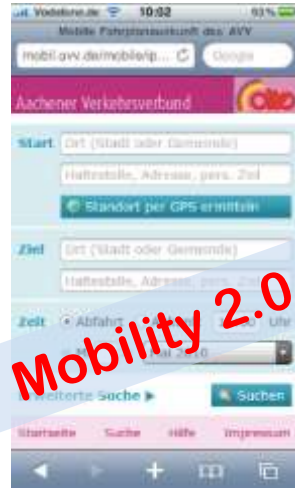
Dyn@mo theme 1: SUMP



Dyn@mo theme 2: Clean Vehicles



Dyn@mo theme 3: ICT & ITS



Mobility 2.0 communication

Dedicated bus lanes / HOV lanes control with the use of ITS

Travel Assistance - individualised notification system

Weigh-in-Motion and Enforcement

2MOVE2

NEW FORMS OF SUSTAINABLE URBAN TRANSPORT AND MOBILITY

Filippo Contenti
Malaga

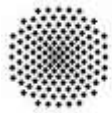


CIVITAS PLUS II

STUTTGART



SSP Consult
Beratende Ingenieure GmbH



Universität Stuttgart



2MOVE2



2MOVE2



CLEANER AND BETTER TRANSPORT IN CITIES



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2MOVE2: NEW FORMS OF SUSTAINABLE URBAN TRANSPORT AND MOBILITY

Consortium:



- City of Stuttgart, Germany (coordinator)
- City of Brno, Czech Republic
- City of Málaga, Spain
- City of Tel Aviv, Israel
- SSP Consult, Beratende Ingenieure GmbH, Germany
- Brno Public Transport Company DPMB, Czech Republic
- University of Stuttgart, Germany
- Technion Tel Aviv, Israel



Duration:

4 Years

Budget:

9.1 M€

CLEAN FUELS AND VEHICLES



- E-Mobility Centre in Stuttgart as a platform for public awareness, discussion, education and training; concept for integrating e-mobility in the urban planning process.
- Development of e-mobility and introduction of electric mini-buses within Brno city centre.
- Practical activities in schools: Trials and direct experimentation of e-vehicles and different modes of transport in Malaga.
- E-mobility in Tel Aviv: charging stations study and e- motorcycles pilot.

COLLECTIVE PASSENGER TRANSPORT



- Implementation of innovative, alternative transport modes; extension of bicycle transport service in Brno public transport.
- Cycle-buses (electric minibuses, recuperation and storage technology, bicycle transport).



DEMAND MANAGEMENT STRATEGIES



- Concept and implementation of city parking system as a form of multimodal transport and implementation of parking information system in Brno.
- Toll emission zoning in Brno.



MOBILITY MANAGEMENT



- Mobility and Information Service Centre Stuttgart
 - Mobility plans for local companies and housing communities incl. models for sharing of 2- and 4-wheelers.
 - Dynamic mobility information on huge construction sites (e.g. Stuttgart 21).

CAR-INDEPENDENT LIFESTYLE



- Public bicycle management system
Malaga: Innovative system to register bicycles, allow access to users (magnetic cards), avoid vandalisms and thefts (bicycles and users identification).
- Innovative transport solutions for high density employment areas and awareness raising about green transport in Tel Aviv.



URBAN FREIGHT LOGISTICS



- Priority networks and dynamic guidance for heavy goods vehicles.
- Optimizing goods logistics in the city centre.
- Development of organizational and technical frameworks for facilitating an on-going process of implementation of goods logistics strategies.



TRANSPORT TELEMATICS (I)



- Emission-based traffic control incl. dynamic speed limits dependent on air quality.
- Real time ICT system for traffic management to visualize on time information concerning traffic accidents and to speed up response and intervention actions.



TRANSPORT TELEMATICS (II)

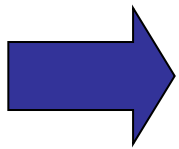


- Mobile sensors installed in the buses to measure real time green house gas emissions.
- Provision of transportation information via PDP (Product Development Partnership) of smart-phone application.

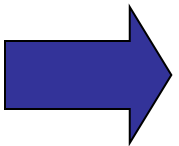


DEVELOPMENT OF “SUSTAINABLE URBAN MOBILITY PLANS” (WP 8)

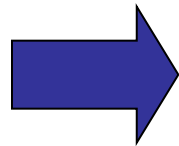
- **Provide strategic and political validation and advice to the project.**
- **Re-design or set-up of SUMP**s in each partner city.



Analysis of present SUMP

s in each city

Update of SUMP

s

“Char

ta of 2MOVE2”

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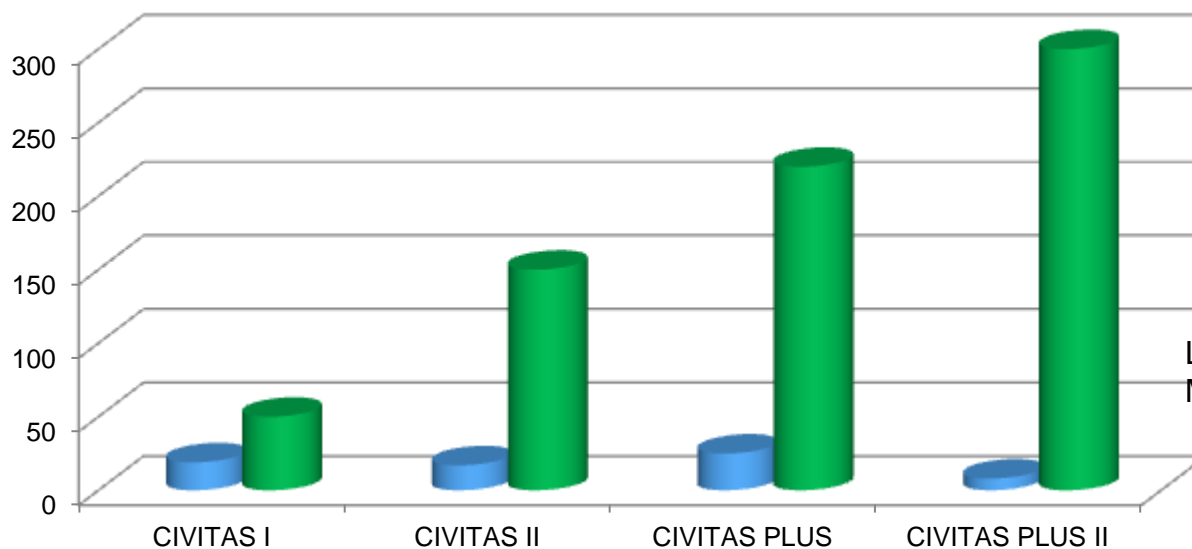
Introduction to CIVITAS WIKI
CIVITAS Plus II Support Action
TNO – Don Guikink
On behalf of the consortium of



CIVITAS Cities Involvement



Development of CIVITAS Forum members in CIVITAS



Change:
Less focus on 'production of results'
More focus on dissemination of results

- Demonstration Cities
- Forum Member cities (approx)

Challenges for CIVITAS WIKI



- Continue the Secretariat in CIVITAS Plus II
- Continue the CIVITAS website & corporate identity
- Continue the dissemination of results: findable, understandable and debate-able
- Further develop thematic cooperation in CIVITAS
- Organise the CIVITAS Forum Conference in 2013, 2014 and 2015
- Organise (virtual and physical) events for knowledge exchange on urban mobility
- Support CIVITAS Plus II evaluation and dissemination



We are looking forward to work with you!



Team WIKI





CIVITAS WORLD CAFÉ

Vitoria-Gasteiz, 24 September 2012

KEY CHALLENGES

- ★ Changing mindsets – of citizens, and politicians!
- ★ SUMP - long term and integrated vision
- ★ Economic crisis
 - ★ A push for efficiency and creativity
 - ★ Good for public transport use and cycling
 - ★ EU funding = measures are implemented
 - ★ Discontinuation of measures when funding ends.

LESSONS LEARNED

- ★ Create a marketing programme, addressing different target groups (e.g. children: our future)
- ★ Most measures benefit from good quality transport infrastructure
- ★ Transferability:
 - ★ Address cultural issues
 - ★ Site visits and exchange between technicians
 - ★ Tackle the language barrier!

RECOMMENDATIONS FOR CIVITAS PLUS II

- ★ Road maps for measure implementation, dissemination and evaluation:
Give the support action time/room to create the operational framework.
- ★ Team building to start the project
- ★ Build on common issues in cities, and start from comparable challenges and context
- ★ Go out, and bring the good news (but also talk about failures)



CIVITAS WORLD CAFÉ

Vitoria-Gasteiz, 24 September 2012



Aalborg

Brighton & Hove

Ústí nad Labem

Iași

Monza

Donostia-San Sebastián



.. demonstrated the potential of cycling in the city! The infrastructure will be extended with 2 new bike trails of 7 and 6 km, connected to the ARCHIMEDES cycle lane.



In Aalborg (DK)

City Bike Scheme



to increase the use of bicycles for short trips and stimulate multimodal transport

The new scheme offering a new, easy and free service for residents, commuters and visitors to get around the city has proved to be highly valued by the users!

In Brighton & Hove (UK)



Electric vehicle charging points

to reduce carbon emissions by encouraging our local citizens to use electric vehicles

The number of EV users in Brighton & Hove has doubled over the last 12 months !



In Usti nad Labem (CZ) School Travel Plans



To raise children awareness in using soft modes of transport
Traffic training of children became a part of education of all primary school children in Ústí nad Labem.



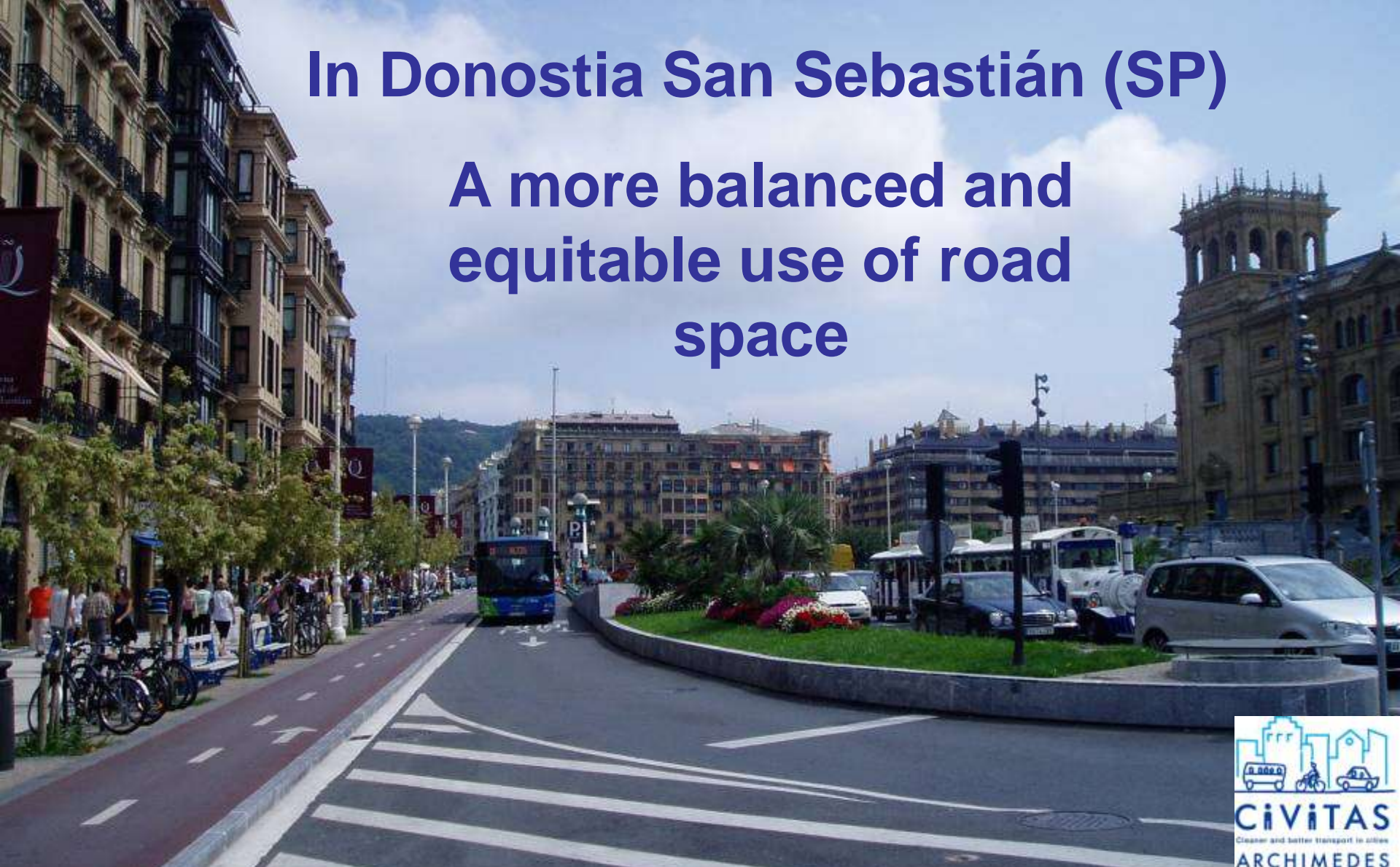
In Monza (IT) Parking guidance system

The 55 dynamic electronic panels providing Real Time Information about free parking spaces' availability have achieved a reduction of parasitic shifts of drivers and better traffic flows' distribution.



In Donostia San Sebastián (SP)

A more balanced and equitable use of road space



Actions to promote a more balanced and equitable use of road space, where all modes benefit from optimal conditions have led to everlasting improvements in terms of pedestrian infrastructure, cycling lanes and priority measures to public transport along the CIVITAS corridor that will eventually be up-scaled to other areas in the city.

Reflection on four years of CIVITAS ELAN

- CIVITAS ELAN – creating lasting change ...
 - Mainstreaming successful measures with laboratory character
 - Strong involvement of citizens leads to better results
 - Knowledge exchange and mutual learning creates long-term impacts
 - ELAN raised awareness among decision makers and the public on sustainable mobility
 - New structures and policies institutionalise change, e.g. mobility agency in Gent, public transport authority in Porto or transport policy in Ljubljana
 - Collaboration among different actors who didn't work together before



Recommendations for future CIVITAS projects from the CIVITAS ELAN project

- Clear structures
- Good communication
 - esp. with powerful non-CIVITAS partners
- Involvement of decision makers
 - Keep politicians and decision makers up to date
- Budget clarity
 - One person should understand project's entire city budget (including budget of all local partners)
 - One person per partner organisation should clearly understand budget and funding rules
- Close interaction among core team in city
- Team building
 - Increases motivation to report, write time sheets, etc.





Citizen involvement in mobility matters to change personal behavior

Politicians commitment to grant institutional support



**MIMOSA
4 BEST**



Test new mobility solutions and be brave

Develop mobility knowledge and professional skills in cities





Poor understanding of soft measures by decision-makers

Difficult cooperation with cities of other consortia



Poor cooperation between stakeholders aiming at the same objective

Difficulty to overcome some bureaucratic barriers



FUNCHAL



Measures that will



Green line and tourist kit



Orienteering bus events



Public transport planning centre and mobility pacts

GDANSK



survive



- Clean PT Stops,



in

- Bike Fridays,



Walking buses

BOLOGNA



MIMOSA



Mobi mart



T days



Clean vehicle action

UTRECHT



Safe school label

Cargo Hopper in city
centreMultimodal transport
pass

TALLIN



Eco drive training

Public transport
promotion-Knitting

Safe crossroads

The winning measures of the auction were:

- Orienteering Bus event
- Eco drive
- Cargo Hopper



Lessons learned and future project


- Environment is a collective problem. **PARTICIPATION AND COLLABORATION** works!
- Changing behavior takes time. Behavior is 95% automatic! **USE PSYCHOLOGY SCIENCE!**
- Keep on investing in infrastructure and technologies. **GOOD PRODUCTS SELL, MEET THE DEMANDS OF THE PEOPLE**



Team Civitas Mimosa



Lessons learned and future project Mimosa

- **COMFORT**, good **PRICE**, **TIME** to travel; are reasons to chose a less car intensive lifestyles.
 - Use **LIFESTYLES** to define your target group and do research on the needs of the public!!! Ask them!
 - Help businesses with **MOBILITY MANAGEMENT** and show them the advantages / benefits.
 - City and countries have cultural, geographical and political **DIFFERENCES**. Measures are not always suitable to exchange.
 - Always do research before and after actions!! **Monitoring** and **Evaluation**. **LEARN** and **SHARE**
-
- **Technology**  **Psychology**





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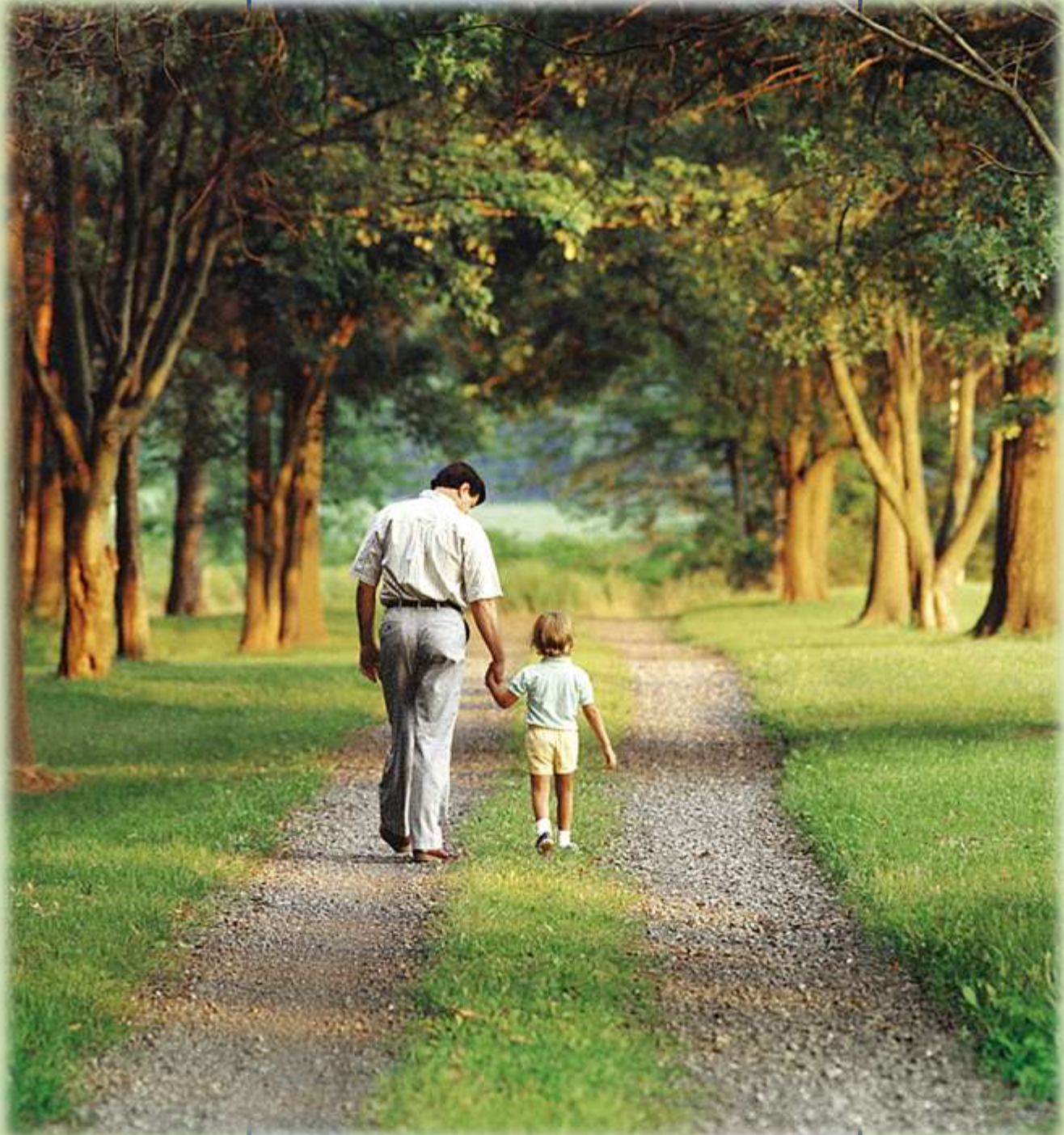
Civitas MODERN

Plenary Session

Vitoria-Gasteiz, 25th September 2012



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5 Best / Worst things

Worst:

1. Time for common reflection
2. Impact of the crisis
3. Depth of expertise
4. Timing for permissions and tenders
5. Cross themes liaison

Best:

5. Working in an European environment
4. Leverage effect for funding
3. Exploitation opportunities
2. Knowledge transfer opportunities
1. One step further

CiViTAS FORUM 2012

CIVITAS PLUS FINAL CONFERENCE • 24 – 26 SEPTEMBER • VITORIA-GASTEIZ



Ayuntamiento
de Vitoria-Gasteiz
Vitoria-Gasteizko
Udala

“Where do we go from here?”

Moderator: Robert Stussi
Mobility Consultant and CIVITAS MODERN

transport
telematics

urban
freight
logistics

safety
&
security

car-
independent
lifestyle

mobility
management

demand
management
strategies

collective
passenger
transport

clean fuels
&
vehicles

Craiova

kick-off meeting

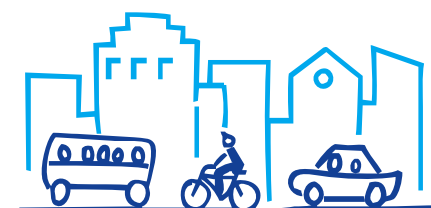


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The MODERN family”



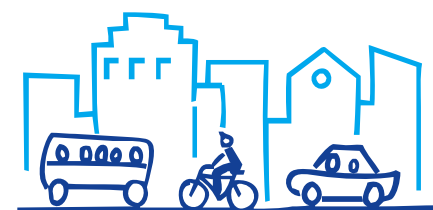
CIVITAS MODERN



The MODERN family”



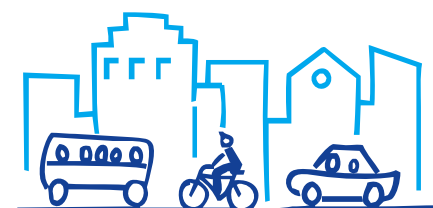
el Vladut + Marco Mastrett



The MODERN family”



Gabriel Vladut + Marco Mastretta



The MODERN family”



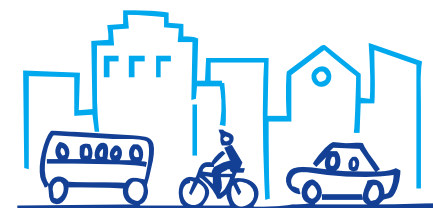
Karin Fischer



Maurizio Tomassini Luis Santos



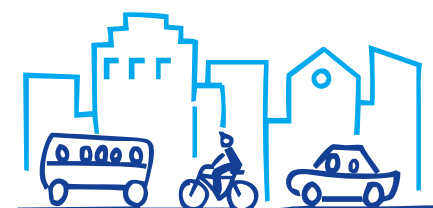
Luigi Sarditta



Towards competitive and resource efficient urban mobility



Ivo Cré
POLIS



Thanks you and all



Robert
Gargote



Jerome Simpson

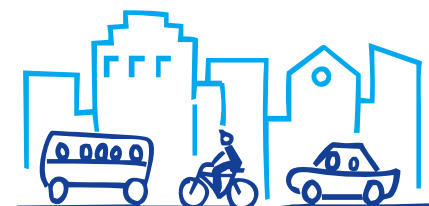
Xabier
Marrero
Mugicai



Csaba Mezei



Gonzalo
Ibarrondo/



Pecha Kuchiiiiiiiiiiiiiii



Motivating Mobility Mindset new mobility behaviour ?

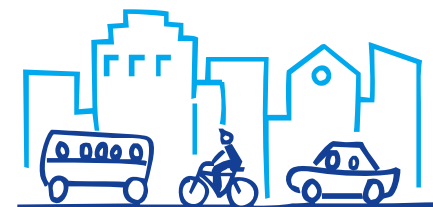


URBACT at ECOMM Motivating Mobility Mindsets

What is your vision of urban mobility?
How can sustainable mobility be integrated
into urban planning?



URBACT
Final Conference
Copenhagen
December 2012









Robert Stüssi

Mobility Consultant

**Lead Expert URBACT ENTER.HUB
CIVITAS MODERN Coimbra**



President APVE



Past President AVERE

AVERE

Past President WEVA



10 years of CIVITAS

past, present & future



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Robert Stüssi - CIVITAS MODERN



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