CiViTAS

Cleaner and better transport in cities

GUARD

DTV • FGM-AMOR • TRG • BOKU • ADEME • MESS

CIVITAS II Demonstration Phase

2005-2009

Don Guikink – DTV Consultants

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The CIVITAS Initiative - objectives

- **To promote and implement sustainable, clean and (energy)efficient urban transport measures**
- **To implement and evaluate integrated packages of technology and policy measures**
- **To build up critical mass and markets for succesful innovative concepts**

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The CIVITAS Initiative – key elements

- **CIVITAS is coordinated 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**

Why is this so important?

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We can do better

Total emission of Bremen BSAG bus fleet (PM / NOx)
source: BSAG

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CIVITAS II Demonstration Cities (2005 – 2009)

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Why did they participate?

- to learn from other cities
- to analyse integrated measures and synergy effects
- because of political will to make a step towards sustainability
- because of a strong local key-actor (or individual person)
- because CIVITAS' objectives fitted 1:1 with local sustainable objectives

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Roles for CIVITAS-GUARD

1. **Support CIVITAS II in performing their:**
   - Evaluation Activities → via Evaluation Liaison Group (ELG)
   - Dissemination Activities → via Dissemination Liaison Group (DLG)

2. **Monitor the progress of CIVITAS II measures and provide independent advice for the EC**

(In CIVITAS Plus divided into POINTER and VANGUARD)

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- Clean vehicles and alternative fuels (23)
- Access management (25)
- Integrated pricing strategies (8)
- Stimulation of public transport modes (37)
- New forms of vehicle use and ownership (18)
- New concepts for goods distribution (18)
- Innovative soft measures (47)
- Telematics (32)

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Share of number of measures versus share of costs per clusters

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Cooperation in CIVITAS II

- **Emphasis on cross-project cooperation**
- **Political dimension via Political Advisory Committee (PAC)**
- **Common evaluation approach via ELG**
- **Common dissemination approach via DLG**
- **Strong development of the ‘brand’ CIVITAS and corporate identity**

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What worked well?

- Use of clean fuels produced significant reductions in emissions at local level
- Integrated (packaged) measures of ‘carrots and sticks’ in combination with clear explanation
- Citizens involvement from an early stage stimulated awareness levels
- Installation of small-scale public transport measures
- Installation of low emission zones
- Active traffic management schemes reduced fuel usage and emissions

What was expected to work better?

- **Reduced installation and maintenance costs of innovative products**
- **Increase in technical capacities**
- **Quality and user-friendliness of technical innovations**
- **Natural acceptance of cycling and car sharing**
- **Exploitation of LEZ (eg goods distribution)**

"THIS ISN'T QUITE WHAT I HAD IN MIND WHEN YOU INVITED ME INTO YOUR CAR POOL!"

Some CIVITAS II Facts & Figures

- Over 200 measures implemented
- 3150 new carpoolers attracted
- 2900 rental bikes installed
- extension/installation of 13 LEZ
- reduction of car trips 12%
- 89% less congestion in LEZ
- travel times savings up to 25%
- fuel savings up to 8%

- Forum Members: 72 (2005) , 181 (2010), representing 60 million EU inhabitants

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Main Conclusions

- Attitudes towards sustainable modes improved significantly in all CIVITAS II Cities
- Citizens involvement at an early stage leads to wider public acceptance
- Clean vehicles are on the rise – EuroV (VI) probably best in terms of environmental benefits
- SMART-measures for mobility management can be implemented relatively easy and are very effective
- Access restrictions and parking control contribute to better local travel conditions
- Organisational planning is of major importance
- Stakeholder partnerships have led to fruitful cooperation
- Solid evaluation is necessary to assess long-term impacts

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Thank you for your attention

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On behalf of

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and all CIVITAS II Demonstration Projects

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