

# Ele.C.Tra

## *Collection and Examination of Best Practices in a European Context*

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# Rationale

- Utilisation of a methodology
- To gather a number of practices or individual units from a population.
- Relies on various validation and collection techniques



# Priority Axis

- Technology
- Critical Success Factors
- Planning



All of the above rotate about the link/connectivity with the General Public – We make part of the general public!

# Definition of Best Practices

- ❑ The processes, practices or systems identified in public or private organisations
- ❑ Improving an organisation's performance and efficiency in specific areas.
- ❑ Identification and application of best practices can reduce expenses and improve organisational efficiency.

# Identification of Best Practices

- Technology
- Critical Success Factors
- Planning



All of the above rotate about the link/connectivity with the General Public – We make part of the general public!

# Methods of Collection of Best Practices

- ❑ Investigate existing innovative applications in weak transport demand areas developed across Europe
- ❑ When possible, data pre and post-implementation will be collected and analysed.
- ❑ The aim of this task is to evaluate the impacts produced through the implementation of innovative transport systems in weak demand areas
- ❑ To identify eventual barriers to the implementation and conditions for the transferability of solutions in other regions.

# Capitalisation

- ❑ Monitoring and Evaluation of Transport Options in Europe
- ❑ Major strategic initiative addressing the evaluation of transport pilot
- ❑ Establish a common framework
- ❑ Design and evaluation of projects on transport.
- ❑ 'the innovative application and assessment under real life conditions of a transport system or systems'
- ❑ their contribution to identifiable policy
- ❑ bridging the gap between theoretical knowledge and practical applications.

# Evaluation Methodology

## 4 main steps

- A review of existing evaluation methodologies
- The development of a methodology for evaluating p/d projects
- The validation of this methodology
- Usability testing of the methodology



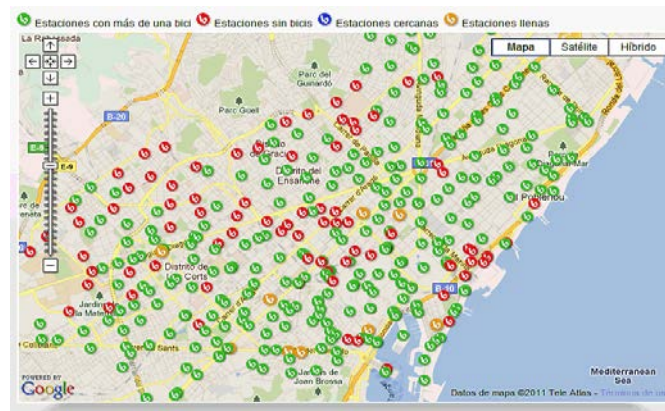
# Bicing

- ❑ Network of bikes sharing
- ❑ Public entities: Barcelona council
- ❑ Public bicycle sharing which is managed by a private company
- ❑ 420 stations to lend 6000 bicycles
- ❑ stations are situated through most of the flat areas
- ❑ distance of around 300 to 400 meters between each one



# Bicing Barcellona

- An average of 1,400,000 trips per month
- More than 12,000,000 accumulated in 2012.
- The system was received by the inhabitants with great enthusiasm
- Covering approximately 70% of the city area



# TRANSFORM transformation low-C cities

- ❑ Involvement of various stakeholders within the Municipality of Genoa
- ❑ Aimed at a global reduction of GHG through effective the urban planning
- ❑ Supports stakeholders responsible for investment and policy
- ❑ decisions to turn their CO2 ambitions into a Transformation Agenda
- ❑ strategic and long term horizon, combined with executable projects.
- ❑ Plans that focus on both the city and regional level, combined with interventions in specific neighborhoods.

# PRO-E-BIKE

- ❑ Mainstreaming of Light Electric Vehicles (LEV)
- ❑ City of Zadar
- ❑ Promotion of electric bicycles and electric scooters
- ❑ Rotates about the delivery of goods and passenger transport - private and public
- ❑ Logistics companies, public and administration in European urban areas involved
- ❑ Understanding and proving effectiveness of cutting edge technology among target groups
- ❑ Dissemination through info days as part of the strategic implementation of pilot or demonstrations

# Promotion of the use of Electric Vehicles

- ❑ The municipality of Florence
- ❑ Proving the affectedness of Light Electric Vehicles
- ❑ Devised a plan for e-mobility
- ❑ Included a charging network: 200 charging points
- ❑ The plan is highly segmented strategy to foster mobility in
  - ❑ city logistics
  - ❑ taxi services,
  - ❑ hotels, public fleets,
  - ❑ companies fleets, electric
- ❑ Limited autonomy Green Travel Plan

# Green Travel Plan

- ❑ Green Travel Initiatives – Malta
- ❑ A web portal: accessed through the Internet through the website, smartphone or a tablet
- ❑ By practicing car-pooling the users have benefitted from reducing fuel costs
- ❑ The students at the UOM have developed this project as part of their University Projects. In this way the students have been introduced to a greener lifestyle.

# Scheme to support electric scooter sales (PLAN PIMA Aire 2)

- ❑ The Government has launched the new “Plan PIMA AIR 2” which will aim to promote the renewal of vans, commercial vehicles and vans up to one year old, and encourage the purchase of electric scooters and bicycles.
- ❑ The advantages are in general terms:
  - ❑ Increase in the number of electric scooters sold.
  - ❑ The amount of aid is 600 euros in the case of electric motorcycles and 350 euros for electric scooters
  - ❑ Both citizen and companies are eligible to receive this economic support.

# ELECTROCAMPUS PROJECT

- ❑ Research Project – Green means of transport with light electric vehicles
- ❑ Bucharest, Romania
- ❑ POLITEHNICA University of Bucharest – Transportation Faculty
- ❑ The project had three components:
  - ❑ the development and use of light electric vehicles;
  - ❑ realizing an infrastructure based on parking station systems: solar panels charging batteries, vehicle monitoring and wireless communications;
  - ❑ creating a management and administration system for the vehicles regarding the access rights, vehicle availability, use and consumption monitoring, payment service.



# Aims and objectives for the Pilot Project

- ❑ Focusing at enhancing the mobility amongst the general public in European Cities
- ❑ Improve mobility through the use of cutting edge and already existent application technologies
- ❑ Added corporate social responsibility in the context of Eco-Transport
- ❑ Improving mobility by breaking down the 'general public' into specific target groups
- ❑ Ultimately reduce the use of private cars

# Thank you for your attention

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