Pilot test in Vigo & CIP projects clustering

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MobiEurope: pilot test in Spain: Vigo
Vigo

Population: ~300,000 (~480,000 including metropolitan area)
Mid size city – although largest city in the region (Galicia)

No tramway - No subway - No bike sharing - hardly bike lanes
⇒ limited mobility options

Are alternative mobility initiatives possible in mid size cities?
EV charging network deployment

Vigo approach - in public car parks, firstly

5 car parks with 119 charging points ~10% of total of parking places
services overview within MobiEurope

Charging points in parking lots
EV car-sharing
International roaming
User-EV interaction
Charging points in parking lots

ITS infrastructure
Integration of ICT services:
- payment, multimedia, car sharing, charging points...
Charging network management
Telematics highway VIAT payment integration
RFID remote services for payment and user identification
Indication of parking places availability
5 parking facilities in Vigo
EV car-sharing service
EV car-sharing service

18 cars (Renault Twizzy, Ciroën C-Zero, Peugeot Ion)
92 users
11,784 km
International roaming

Vigo ➔
35km to the portuguese border
150km to Porto

“Vigo-Porto electromobility corridor”
User-EV interaction

Interactive applications for electro-mobility
E-datalogger solution for real-time monitoring of EV parameters and driving data
Specific questionnaire for EV drivers to assess driver behaviour and user experience
MobiEurope – Integrated and interoperable ICT applications for ElectroMobility in Europe
Molecules – Mobility based on electric connected vehicles in urban and interurban smart, clean, environments
ICT4EVEU – ICT services for electric vehicle enhancing the user experience
Coordination activities - 3 experts working groups:
Evaluation
Architecture
Dissemination
Working group on Evaluation

Objectives:
Creation of common list of indicators
   Environmental
   Transport and mobility
   User uptake
   Economic
Development/employment of common methodology (based on FESTA)
Creation of common Pilot & Evaluation Guidelines for CIP project pilots
Working group on Architecture

Objectives:
To define common architecture templates (use case, system requirements, common high level architecture)
To establish common vocabulary
Working group on Dissemination

Objectives:
To promote common dissemination activities
To organise common actions
To exchange information on dissemination (potential events, ...)
To coordinate representation of the 4 CIP projects at events

Events:
Common launch event at EU Parliament - Brussels
Common dissemination at ITS World Congress 2012 – Vienna
CIP ICT PSP Smart Electromobility Event - Vitoria
Thank you!
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