

Promoting electric bikes and scooters for delivery of goods and passenger transport in urban areas

Dear readers,

with 5 Newsletters during our project in next 2,5 years, we would like to present you our activities and interesting news in project countries (Croatia, Spain, Netherlands, Italy, Sweden, Slovenia and Portugal) associated with E-bikes for delivery purpose. With a few words we can describe PRO-E-BIKE project as a promotion of electric bicycles and electric scooters (common name "E – bikes"), for delivery of goods and passenger transport among private and public bodies such as delivery companies, public administration and citizens in European urban areas as an alternative to "conventionally fossil fuelled" vehicles.



## Croatian pilot city - Zadar

In October 2013 at the meeting with representatives of city Zadar, it was decided that Zadar communal inspectors will test and use electric bicycles for their activities as replacement of conventional scooters which they are using at the moment. With this activity, city administration will set an example to their citizens how this type of vehicles can be more efficient, cleaner and cheaper compared to conventional scooters, which is in line with one of the main goals of PRO-E-BIKE project. There was also discussion on other future activities which will be described in Action plan for Zadar, but the details will be explained in next newsletter.



## Italian pilot city Genova

One of the major characteristics of Genova territory is slope and typical narrow streets, called "carrugi", originally created with the purpose of defending the city from piracy: peripheral suburbs are hard to reach by bike, few roads constitute the backbone of the road network and a wide set of roads has a limited transverse width. These conditions also explain why the 15 to 20% of urban trips are made by ICEs scooters.

In this peculiar context the experimentation of e-bikes constitutes an interesting occasion to verify performances and capabilities to substitute traditional vehicles. This is also the major reason for which our four pilot companies will to test e-bikes for delivering activities: TNT express; Ecobike couriers ( use e-cargobike to extend their delivery capability); Grafica KC ecological typography (substituting a small van with and e-cargobike); Cibi e Libri, an organic restaurant (food delivery).



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## Subsidies for E-bikes in Spain

The Spanish Ministry of Agriculture, Food and Environment has approved last October 25th the PIMA AIRE 2 programme in order to enhance mobility with zero emissions in urban transport.

Thanks to this PIMA AIRE 2 programme, the procurement of e-bikes will receive direct discounts through subsidies offered by the Spanish Government. The discounts will range from 200 € for e-pedelects to 400 € for e-scooters.

- Presentation of PRO-E-BIKE objectives at National Events in Spain
  - Valencia. June 2013. Conference about "Innovations in Urban Distribution" within the framework of EFRUD project "Emissions Free Refrigerated Urban Distribution"
  - Madrid. October 2013. III National Congress about Sustainable Urban Distribution." Presentation about "European Projects in Sustainable Urban Distribution - State of Art"

## The presentation of the PRO-E-BIKE project at National council

On the day 22nd of November the 14th International conference organized by SLOBIOM was held on National council, where among others, geothermal energy, solar power and mobility themes were presented.. The emphasis was on the theme ESTABLISHED A COMPREHENSIVE AND SUSTAINABLE MOBILITY IN THE CITY, where we among other things, exposed the key guidelines of the project PRO-E-BIKE and emphasized the advantages of the introduction of the electric bicycles for delivery. At the conference were present also ministers and other employees of the Directorate of Environment and Infrastructure and the project PRO-E-BIKE was a headword for a new addition to the Action Plan on urban mobility.



## Sustainable Urban Mobility Solutions – Increasing subject in Portugal

The promotion of sustainable urban solutions is gaining more and more the visibility in Portugal. Two interesting events happened in the last days, one in Lisbon and the other in Oporto. The first was held at Instituto Superior Técnico with supported by EMEL (the municipal company of mobility and parking areas of Lisbon city) and Lisboa E-Nova (the municipal agency of energy and environment of Lisbon), on the 15th of November, where one of the discussed topics were the electric vehicles for the urban mobility services in Lisbon. Sustainable mobility solutions in the City of New York were also presented in this event. The second event, the International Conference to Promote the Soft Mobility occurred on November 21st in Oporto, where ABIMOTA - the National Association of Manufacturers of Two Wheels, Hardware, Furniture and Others challenged University Professors together with the Industry to discuss the topic of electric bicycle mobility at planning and technology levels.



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## Pilots in The Netherlands

In the Netherlands PRO-E-BIKE partner Mobycon focuses on initiating pilots demonstrating the use of e-cargobikes, since this is really innovative, even for a cycling country like the Netherlands. The following companies and organisations have already agreed to demonstrate e-cargobikes: DHL (parcel delivery), Puurland (biological farmer products), Fietsdiensten.nl (bicycle rental), MarleenKookt (home delivery of meals) and Struin (child care centre). All of the above companies have bought one or two e-cargobikes. Subway (home delivery of sandwiches/meals) decided to demonstrate a pedelec and e-scooter.



## The Municipal Police of Rome riding Lombardo E- bikes

The city of Rome municipal police is riding electric bikes from project partner Lombardo Bikes. The bike delivery to the body of Police City of Rome was held in the capital city to the presence among others, the managing company, Emilio Lombardo, vice mayor of the City of Rome, Luigi Nieri and the chief of police municipal Roma Capitale Raffaele Clemente.

These high-tech e-bikes, E- Amantea, are fitted with the innovative Bosch system, an onboard computer. By analyzing the data reported by sensors, it provides real time regulation of power distributed by the motor and information on battery charge, speed, and remaining power reserve. The Police bikes are blue and customized in the frame with the words "Police Roma Capitale". The lithium batteries are very small and could be charge from any outlet in two and a half hours.



## Pilot companies in Sweden

In the East Sweden region electric bikes are tested for municipal provided home-care services. Ordinary e-bikes equipped with cargo-bags are tested in five small municipalities. The bikes are used to replace cars when health-care staffs make their daily visits to elderly and disabled people. The bikes were distributed in august and the one-year test period was initiated 1st November. The test results will contribute to interesting new knowledge, not only about the potentials to minimize carbon emissions, but also how e-bikes function during the Swedish winter period. For example battery performance in cold conditions and safety aspects, such as winter tires, will be explored.

## E-cargobike project in Region Groningen-Assen

In the north of The Netherlands the Region Groningen-Assen has started a demonstration project funded by the FP7 project BESTFACT. The aim of the project Ga slimmer reizen & werken ("travel & work smart") is to let companies test an e-cargobike for a period of two weeks. These e-cargobikes are now already booked up till March 2014! In this period, the user of the e-cargobike can twitter his experience(s) with the e-cargobike. After this period the company can buy an e-cargobike at a reduced price. The project started this autumn, and the first company has already bought an e-cargobike for home delivery of meals!



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