

EcoBus – physics of a demand-driven local public transport system

Levke Johanna Deutsch, Germany, Max Planck Institute for Dynamics and Self-Organization, Lower Saxony

EcoBus – ERDF funded project. EcoBus is a ride-pooling system with demand responsive minibuses. A dedicated algorithm calculates and combines different routes sharing similar start and destination times and locations. Perspectively offering improved public mobility services especially in rural areas, complementary EcoBus makes public transport more attractive and helps the transit authorities to a more efficient service. In three pilot phases in rural areas, the project got a great response not only from the local population but also from tourists, communal authorities and transportation planners.

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Green Hydrogen in the Northern Netherlands – Power to the molecules

Mr Patrick Cnubben, Manager Hydrogen, New Energy Coalition, Northern Netherlands

The Northern Netherlands region is transforming from a Natural Gas exporting region into a Hydrogen production and exporting region, a Hydrogen Valley. The presentation explains the main steps in this transition and highlights its key elements. The region has all the relevant elements in place to start the Hydrogen transition and bring Hydrogen to the customers inside and outside the region.

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Climatic Town – Energy-related Revitalization of Municipalities in the cross-border area

Mrs Aleksandra Derejczyk, Head of International Programmes and Projects Section, Lower Silesia Marshal's Office, Lower Silesia

Effective and sustainable energy savings in communities require a lot of knowledge and planning. It is easier if you can use the know-how of other, more experienced regions. The aim of the good practice presentation of Lower Silesia region is to explain lessons learnt in the CLIMATIC TOWN project funded by the INTERREG CBC Poland – Saxony, which helped regional as well as local authorities in the cross-border area to get to know the issues of energy efficiency. It is trying to answer the question of how to support local municipalities in the cross-border peripheral area by planning energy savings and implementing solutions for energy efficiency in public buildings and how to motivate them to include activities in the field of energy-related revitalization of municipality in the local action strategies. Lower Silesia is an example of a Central European region which tries to solve the problem of energy-related renovation of public buildings through cross-border exchange with neighbouring regions in Germany and Czech Republic.

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The regional strategy of sustainable development and adaptation to climate change

Ms Iris Flacco, Head of Department of Energy Policy, Air Quality, National Environmental Information System and Mining Resources of the Territory, Abruzzo Region

In developing the regional strategy of sustainable development in implementation of the national strategy and the 2030 Agenda for Sustainable Development, Abruzzo Region plays a role of coordination and programming with all local authorities, providing for the direct involvement of citizens and stakeholders to define the interventions to be implemented.

One of the strategy's priority action is the territorial governance and urban development through actions capable of reducing emissions, land consumption and being able to be virtuous.

In this context, within the ESMARTCITY project funded by the INTERREG MED programme, which foresees the implementation of pilot projects, the Abruzzo Region has promoted the realization of a project aimed at developing energy efficiency of public lighting through innovative technologies capable of reducing consumption and at the same time detecting environmental factors (wind, air, fine dust and smog level).