



### Actions in transport sector in the city of Gdynia

“The primary objective of the city of Gdynia transportation policy is to create conditions for efficient and safe movement of people and goods while ensuring priority for public transport and reducing the burden of transport on the environment”.

(Integrated Public Transport Development Plan for Gdynia for years 2004-2013)

The main activities are:

1. Purchase of CNG buses
2. Trolleybuses - energy recuperation
3. Programme of purchasing 25 buses on diesel fuel fulfilling Euro-6 standard until 2020
4. “Implementation of the integrated traffic management system TRISTAR” for the Tri-city.
5. Trolley project – promotion of trolleybuses (supported by EFRD)
6. Development of bicycle paths

### Success / Barriers

Success:

- A significant reduction in emissions from transport into the atmosphere
- Raising ecological awareness of inhabitants
- Reduction of noise from transport
- Lower morbidity resulting from the presence of exhaust gases in the air

Barriers:

- High investment costs



### “Eco-transport” in practice

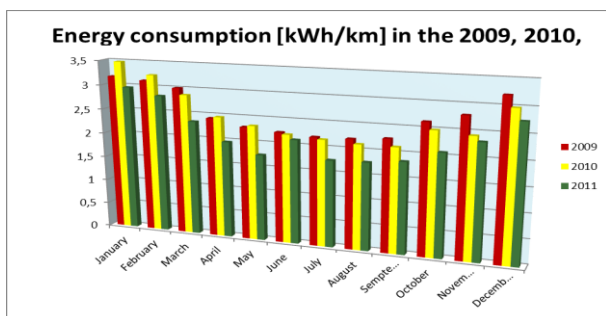
Replacement of diesel buses by buses powered by natural gas in the period September 2007 - June 2011 resulted in the following reduction of toxic substances:

NO <sub>x</sub>	reduction by 50-80% / year
CO <sub>2</sub>	reduction by 20% / year
CO	reduction by 60-80% / year
PM10	reduction by ca. 99% / year
Aldehydes	reduction by ca. 70% / year
Aromatic hydrocarbons	reduction by ca. 90% / year



### Actions undertaken and planned

- Gdynia currently operates 14 buses on CNG. It is planned that by 2020 there will be 26 such buses.
- During years 2012-2020 it is planned to purchase 30 new trolley buses with energy recovery system.



### Results and Impacts

Activities undertaken in the transport sector in the city of Gdynia will reduce CO<sub>2</sub> emissions by 21 800 Mg by 2020 and energy consumption by 58 600 MWh.

Estimated cost of implementation: 230.5 million PLN (ca. 57 million EUR).

Find out more about this and other Sustainable Energy Actions, online at: [www.regions2020.eu/gp](http://www.regions2020.eu/gp)

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