

BURGAS MUNICIPALITY - EXPERIENCE AND ACHIEVEMENTS TO DATE

Tbilisi, 21-22 October, 2010



Covenant of Mayors going East
International Conference on the Covenant of Mayors



Local climate action – an opportunity to switch to sustainable energy

HOW THE CITIES ADD TO THE CLIMATE CHANGE PROBLEMS

- Urbanization of the world population – today cities are home of 50% of the world population;
- The urban areas generate about 2/3 of CO₂ emission with a tendency to increase.
- Emissions from transport and vehicles are rising at rate of 2,5% per year.

HOW DO BURGAS MUNICIPALITY ADDRESS THESE CHALLENGES

- Development and implementation of local sustainable energy plans;
- Introduction of energy efficient measures in public buildings and houses and renewable energy in the community activities;
- Encourage modal shift to more sustainable transport modes and improve public transport;
- Public awareness raising and information campaigns.





Experience of Burgas Municipality - High level of political commitment



Burgas Municipality is one of the four Bulgarian municipalities, which signed the Covenant of Mayors on February 10, 2009 in Brussels;

The main priority of the local government long-term policies is protection of the environment and intelligent use of energy:

Annual energy efficiency programme according to the Bulgarian energy efficiency Act;

Air quality monitoring programme;

Municipal Sustainable Energy Plan 2010-2020;

Integrated Urban Transport Plan.





Experience of Burgas Municipality - Good Practice for Sustainable Energy Planning at Local Level

Advisory Council for Local Sustainable Energy Planning

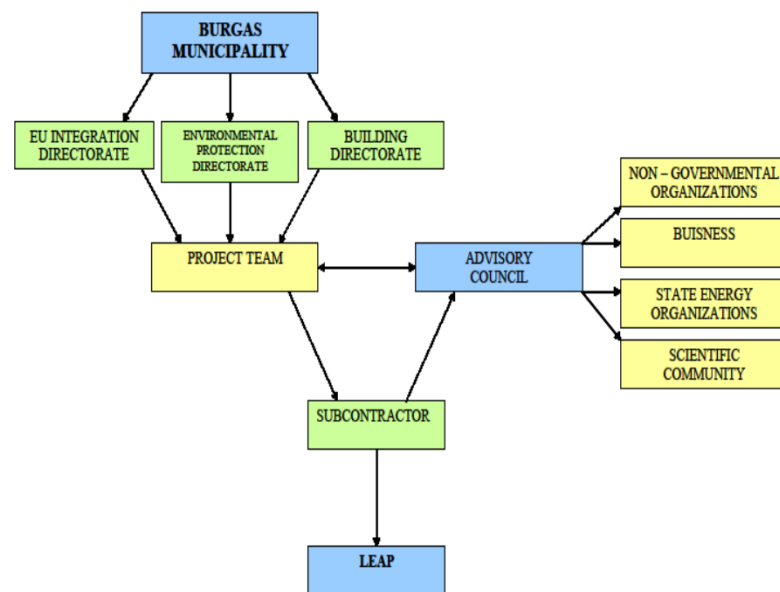
AIMS

- To assist Burgas Municipality in developing and implementing Municipal Strategy for Sustainable Energy Development 2010 – 2020 and Local Action Plan 2011 – 2013;
- To support Burgas Municipality in development of Sustainable Energy Policy at local level;
- To get commitment from industry/business.

PARTICIPANTS

- Business
- NGO sectors
- Regional representatives of the State Authority
- Municipal administration

ORGANIZATION CHART OF LEAP DEVELOPMENT TEAM





Experience of Burgas Municipality

Infrastructural measures:

- Renovated and retrofitted more than 30 municipal buildings - schools, kindergartens, cultural and social centers;
- Renovated and retrofitted residential buildings in Burgas within UNDP and “Demonstration Project for Renovation of Multifamily Buildings”;
- Retrofitted administrative buildings and full replacement of the conventional electric bulbs with energy efficient ones;
- Gasification of public and private buildings on the territory of the city of Burgas.



EUROPEAN
COMMISSION



Experience of Burgas Municipality - Energy Efficient Lighting

Energy Efficiency Reconstruction and Modernization Project for the street lighting in Burgas is actualized and Energy Efficiency Audit of the Energy efficient street lighting is carried out:

- ✓ Stepwise reconstruction, optimization and replacement of lighting with energy efficient lamps in Burgas streets.
- ✓ Replacement of lighting with energy efficient bulbs along the all main Burgas boulevards.
- ✓ Energy efficient reconstruction and modernization of the street lighting in Housing Estates in the city of Burgas.

Power saved	161 kW
Electricity saved	644 MW/year
Total Fuels and energies saved	55,384 toe/year
Expected economic impact -	89 000 BGN/year
Reduced CO ₂	691 t CO ₂ /year





Experience of Burgas Municipality - Sustainable Transport

Integrated Urban Transport Project - Burgas gives priorities to pedestrians, cyclist and public transport

- Increasing attractiveness through improved accessibility;
- Greater mobility for the community, including employees and the general public, giving priority to environment friendly modes of passenger transport: public transport, bicycle and walk modes;
- Reduced traffic congestion and increased capacity of the public transport system;
- Environmental improvement through reduced emissions, developing trolleybus systems and/or buses presenting low levels of pollution; and
- Improvements in transport safety.

Indicators (2013)

Length of BRT network	15 km
Length of cycle network	20.2 km
Number of articulated diesel vehicles purchased	28
Number of CNG vehicles purchased	39
Number of public transport trips	33.6 million
Reduction of GHG emissions with	1 507 t/year





Experience of Burgas Municipality - Public Information Campaign

Traditional awareness raising campaigns:
 Annual Environmental week;
 Annual Energy Week;
 European Mobility week.



Environmental week	350 participants
Annual Energy Week	2 500 participants
European Mobility week.	100 participants
Information materials – distributed	20 000
Media coverage	32 publications



EUROPEAN
COMMISSION



THANK YOU FOR YOUR ATTENTION!

ATANASKA NIKOLOVA
Deputy Mayor, Burgas Municipality

8000 BURGAS
26 "ALEXANDROVSKA" STR.

Tel.: +359 56 907 272
eui_depm@burgas.bg
www.burgas.bg

