National Program for Energy Efficiency of Multifamily Residential Buildings in Bulgaria
The Residential Sector in Bulgaria
The Residential Sector in Bulgaria – analysis of the World Bank context

• **96.9%** of the dwellings in Bulgaria are owned by **PRIVATE** individuals, about 2.6% are state or municipal property and only about 0.5% are owned by private legal entities.

• 710 972 dwellings are comprised in **21 718 panel buildings** which are mainly constructed in the period 1960-1989. 98% of these dwellings are in the cities. It can be assumed that the highest density of settlement in multi-family blocks covers the majority of the population with very low incomes there, especially in cities.

• it is known that around **15% of the dwellings** in smaller towns are **VACANT** due to:
  • process of migration to people from these towns to larger cities;
  • the owners work abroad and return annually for a small period of time around two weeks;
  • There is a lack of traditions in the management of multi-family residential buildings.
The Residential Sector in Bulgaria – analysis of the World Bank

- Bad maintenance of the housing stock, risks of construction problems;
- Low energy efficiency, low thermal comfort and unhealthy living conditions;
- High need for social housing;
- A growing stock of uninhabited housing;
- Uneven distribution of housing across the country;
- Increasing the share of owners who can not cover the cost of their homes;
- Small relative share of existing and emerging public housing;
PROGRAMS for renovation of the existing housing stock

THE PILOT PROJECT

Demonstrative Project for Renovation of Housing Buildings – a joint initiative of the United Nations Development Program (UNDP) and the Ministry of Regional Development and Public Works

- Period of implementation: 2007 – 2011;
- 50 renovated buildings in 13 cities;
- Budget: EUR 6 million;
- Energy savings due to the renovation: 40-60%;
- Eligible activities: energy efficiency measures.
PROGRAMS for renovation of the existing housing stock

- THE PILOT PROJECT

Demonstrative Project for Renovation of Housing Buildings
PROGRAMS
for renovation of the existing housing stock

- THE FOLLOW-UP PROJECT

- Energy Efficiency Renovation of Bulgarian Homes Project
  - 75% European financing under Operational Program “Regional Development” 2007 – 2013 and 25% national financing;
  - Period of implementation: April 2012 – December 2015;
  - 156 renovated buildings in 32 cities;
  - Budget: EUR 15 million;
  - Energy savings due to the renovation: 40-60%;
  - Eligible activities: energy efficiency measures.
Energy Efficiency Renovation of Bulgarian Homes Project

Housing Policy Directorate,
Ministry of Regional Development and Public Works
PROGRAMS for renovation of the existing housing stock

- THE PRESENT INITIATIVE

  - National Program for Energy Efficiency of Multi-Family Residential Buildings
    - The Program is implemented in all 265 municipalities in Bulgaria.
    - Decentralized approach - each municipality is responsible for the overall technical and financial administration of the Program on its territory.
    - Budget: EUR 1 billion.
    - Financial support: 100% grant.
    - The package of refurbishment measures shall allow the building to achieve at least energy consumption class “C” according to the national legislation.
Bratsigovo Municipality

Housing Policy Directorate,
Ministry of Regional Development and Public Works
Galabovo Municipality

Housing Policy Directorate,
Ministry of Regional Development and Public Works
Smyadovo Municipality

Energy Community

Housing Policy Directorate,
Ministry of Regional Development and Public Works
PROGRAMS for renovation of the existing housing stock

FUTURE ACTIONS

„SEAMLESS SERVICES FOR HOUSING ENERGY EFFICIENCY - RENOVATION“ (SHEERENOV) project under Horizon 2020 Program

- in search of a sustainable model;
- a pilot project for Sofia municipality;
- based on good European practices from Hungary and Estonia;
- active participation of home-owners;
- One-stop shop service.
Thank you!

Dima Lekova
Housing Policy Directorate