



Moldova Energy Sector Reform and Energy Efficiency Improvements Project

**TECHNICAL ASSISTANCE
FOR CAPACITY
BUILDING FOR
SUSTAINABLE ENERGY
MANAGEMENT**

**Ministry of Economy
Republic of Moldova**

Chisinau, 16 February, 2012



Consultant Services

- **AF-Industry AB (Sweden) &**
- **AF-Mercados - Energy Markets International S.A. (Spain)**
- IVL Swedish Environmental Research Institute (Sweden).
- Borlänge Energy (Sweden),
- Schonherr si Asociatii SCA (Moldova),
- Alliance for Energy Efficiency and Renewable Energy (AEER) (Moldova).





Tasks

- **Work package 1 - Revision of the 2020 Energy Strategy**
- **Work package 2 - Adoption of the secondary legislation under EE Law**
- **Work package 3 - Establishing sector monitoring and reporting system**
- **Work package 4 – Building EEA institutional capacities and development of DESEE capacities**
- **Work package 5 - Public Awareness**





Revision of the 2020 Energy Strategy ^{1/2}

- **Description of the Current Situation and EE&RE potentials in Moldova**
- **Assessment of relevant European Directives on conventional and renewable energy**
- **Description of the Current Situation in Moldova**
- **Structure of the power sector**
- **Electricity demand (MWh)**
- **Exports-Imports status**
- **Programs**
- **Targets**
- **Measures**
- **Studies, projections**
- **Information on RES-E Potentials in Moldova**





Revision of the 2020 Energy Strategy *2/2*

- **Information on RES-E Potentials in Moldova**
- **Information on EE potentials**
 - Plan for the deployment of energy efficiency in buildings (Buildings insulation, SWS and air conditioning, etc.).
 - Energy Efficiency in the street lighting.
 - Energy Efficiency initiatives in public institutions.
 - Energy Efficiency in transport
 - Energy Efficiency cogeneration.
 - Use of energy in industries.





Adoption of the secondary legislation under EE Law

- **Develop and issue the National Energy Efficiency Action Plan for 2012-2014**
- **Develop and issue National Renewable Energy Action Plan 2012 – 2020**
- **Methodology on energy audit cost calculation**
- **Technical Regulations on Elaboration of Energy Audits** (Within this project will be developed a Code of Conduct for Energy Auditors).





Establishing sector monitoring and reporting systems ^{1/2}

- **Code of Conduct for Energy Auditors**
- **Development of a system for sector wide monitor and results reporting, including development of sector results indicators, a system for collection of relevant data, construction of a database on energy efficiency and renewable energy sources, and reporting structure**
- **Register of Energy Audits**
- **Register of Energy Auditors**





Establishing sector monitoring and reporting systems ^{2/2}

- Registers of coordinated national projects
- Registers of projects implemented by local public authorities
- Template for annual reporting on the progress of implementation of the National Energy Efficiency Program and National Energy Efficiency and Renewable Energy Action Plans
- Template for annual reporting on the progress of implementation of the Local Energy Efficiency Programs and Local Energy Efficiency and Renewable Energy Action Plans



Development of capacities of Energy Efficiency Agency EEA and of Energy Security and Efficiency Department DESEE

- **Development and formulation of a curricula for training courses including energy auditor training**
- **Preparation and Implementation of 8 training modules, including**
 - strategic planning,
 - good practices EE and RES management,
 - monitoring and reporting,
 - human resources management,
 - anti-corruption,
 - environmental impact assessment,
 - gender issues,
 - public financing management.
- **Implementation of energy auditors training**
- **Study tours (Sweden, Spain, Italy)**





Public Awareness

- Inform about the aligning of Moldova's energy legal and institutional framework to EU standards with the aim of improving energy efficiency and the energy management.
- Explain the role of EEA in energy efficiency policy and its relation to other institutional actors.





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