- ***Program for installing heating systems using renewable energy, including the replacement or completion of classic heating systems***

- Between July 15, 2010 and February 4, 2011 there were Filled at APM Bacău headquarters 504 dossiers (in value 3.031.834 lei), which were transmitted to the AFM for evaluation and approval.
- Dossiers have been fully evaluated and funded by AFM.

- Between 1 June 2011 and 15 July 2011 there were 410 dossiers filled at the headquarters of APM Bacau (in value of 2.474.866 lei), which were sent to the AFM for evaluation and approval.
- The dossiers have been evaluated and are currently underway the settlement procedure.

## Funding was granted as follows:

- Up to 6000 lei for solar panels and pellet-based central panels
- Up to 8000 lei for heat pumps.

- www.afm.ro - The "Green House" program for individuals

# Large Infrastructure Operational Program

- Priority Axis 1 - Improving mobility through the development of the TEN-T network and the subway
- Priority Axis 2 - Development of a multimodal, quality, sustainable and efficient transport system
- Priority Axis 3 - Development of environment infrastructure under conditions of efficient resource management
- Priority Axis 4 - Environmental protection through biodiversity conservation measures, air quality monitoring and decontamination of historically polluted sites
- Priority Axis 5 - Promoting adaptation to climate change, risk prevention and management

- Priority Axis 6 - Promoting Clean Energy and Energy Efficiency to Support a Low Carbon Economy
- Priority Axis 7 - Increasing energy efficiency at the level of centralized district heating in selected cities
- Priority Axis 8 - Intelligent and Sustainable Transmission of Electricity and Natural Gas

# Priority Axis 6 - Promoting Clean Energy and Energy Efficiency to Support a Low Carbon Economy

Specific objectives:

6.1 Increase of energy production from less exploited renewable resources (biomass, biogas, geothermal)

Actions:

Making and / or upgrading the production capacities of electric and / or thermal energy from biomass and biogas:

Achieving and upgrading geothermal energy production capacities

Supporting investments in the extension and modernization of the electricity distribution networks in order to take the energy produced from renewable resources in safe conditions of the operation of SEN

## *Potential beneficiaries:*

- Territorial administrative units within which there is potential for the use of geothermal or biomass / biogas
- Commercial companies which have as their object the production of energy for the purpose of marketing.

# *6.2 Reduction of energy consumption by industrial consumers*

Actions:

Implementing systems to monitor energy consumption for industrial consumers

Potential beneficiaries:

Industrial companies in the industry with consumption of over 1,000 tep / year (defined as big energy consumers, according to ANRE), for which these systems must be implemented in order to quickly identify the immediate solutions for reducing consumption and for which there must be an instrument Powerful quantification of the positive effects of implementing energy efficiency measures.

# *6.3 Reduce the average electricity consumption at the level of the dwelling*

Actions

Implementation of smart distribution in a homogeneous area of household electricity consumers (demonstration projects at the level of regions covered by concession distribution operators)

Potential beneficiaries:

Electricity utility service concession distributors who are subject to 80% smart metering implementation obligations by 2020 (according to ANRE Order 145/2014 on the implementation of smart metering systems).

## *6.4 Increasing savings in primary energy consumption produced by high-efficiency cogeneration*

Actions:

Realization / upgrading of high-efficiency cogeneration power plants (maximum 8 MWe) on natural gas and biomass at the enterprise level

Realization / upgrading of high-efficiency cogeneration plants using industrial waste gases from enterprises

## Potential beneficiaries:

- Industrial Companies / Approved Industrial Park Representative (Park Administrator or Park Energy Distributor) (CAEN code to be defined in the Applicant's Guide), recording consumption of over 200 toe / year that can prove the conditions required for cogeneration projects And / or intending to exploit the thermal potential of waste gases from industrial processes and which can prove useful thermal energy requirements for industrial processes with a duration of at least 4,000-5,000 h / year

# Priority Axis 7 - Increasing energy efficiency at the level of centralized district heating in selected cities

*Specific objectives:*

*7.1 Increasing energy efficiency in centralized transmission and distribution of thermal energy in selected cities?*

*Actions*

*Modernization / expansion of primary and secondary heating networks in thermal energy supply systems, including thermal points; The expansion of the transmission and distribution network will only be funded in the context of the existing network being rehabilitated and the extension is justified to enhance the sustainability of the system;*

*Purchase / upgrading of equipment necessary for the proper operation of the heat pump pumping systems;*

*Implementation of Management Systems (Measurement, Control and Automation of SACET)*

*Potential beneficiaries:*

*Local public authorities in selected localities (administrative units territorial)*

# Priority Axis 8 - Intelligent and Sustainable Transmission of Electricity and Natural Gas

- *Specific objectives*
- *8.1 Increasing the capacity of the National Energy System for taking energy from renewable resources*
- *Actions*
- *Conducting and / or upgrading the electric transport networks (overhead power lines and stations)*
- *Potential beneficiaries*
- *Transelectrica*

- *8.2 Increasing the degree of interconnection of the National Gas Transmission System with other neighboring states*
- *Actions*
- *Development / modernization of the National Gas Transmission System (construction of new pipelines), and improvement of operation parameters of the interconnections with neighboring transport systems*
- *Potential beneficiaries*
- *Transgaz*