



Renewable Energy Coordination Group 1st Meeting

2 March 2016

**Progress in renewable energy in the Republic of Macedonia
by the end of 2015**



▶ Strategic document

- ▶ In accordance with the Energy Law, Government of the Republic of Macedonia on 17, November 2015 adopted **Action Plan for renewable energy sources until 2015 with the vision until 2030**. This Action Plan proposes Scenario 2020-2025-2030 for RES share in the final energy consumption.
- ▶ Share of RES in gross final consumption of energy can be achieved on the basis of this scenario is 21.1% in 2020, 25% in 2025 and 28% in 2030. Action Plan defines policies and measures in order to promote RES share in the final energy consumption
- ▶ Taking in consideration the new data's, Ministry of Economy will make additional analyzes take into account new data, particularly biomass, regarding energy consumption in 2014 in households which are already published by the State statistical Office, after what existing action Plan will be revised.
- ▶ Policy of utilization of RES is strategically set in the **Strategy for the use of RES** in Macedonia until 2020, which is adopted by the Government in 2010. In accordance with the Energy Law every five years the Government of the Republic of Macedonia shall adopt the Strategy on RES covering the period of the next ten years. It is planned to be adopted at the end of 2016.



▶ Legislation

- ▶ With the **Draft Law on Energy** provisions from the mentioned Directive regarding the statistical transfer of a specified amount of energy from RES, joint projects and the effects thereof, administrative procedures, regulations and codes in connection with the authorization, certification and licensing procedures that are applied to plants and associated transmission and distribution network infrastructures for the production of electricity heating or cooling from RES, and information and training for all relevant stakeholders (builders, installer, architects) are implemented.
- ▶ With the **Draft Law on biofuels** establishes a common framework for encouraging the production and use of biofuels in transport, providing appropriate incentives for achieving national mandatory overall target for the share of energy from RES used in transport, meeting the needs of consumers fuel for transport, improving security of supply of fuel in an environmentally sustainable way, achieving the objectives of sustainable development in the transport sector. Under the Law on biofuels and in order to stimulate the production and use of biofuels in transport, the Government, on the proposal by the Ministry of economy, should adopt a **National Action Plan for biofuels** for the period of ten years.
- ▶ **It is planned those Laws to be adopted in 2016.**



- ▶ In accordance with the Article 15 from the Decision (2012/ 04/ EnMC) Ministry of economy prepared First Macedonian progress report on the promotion and use of energy from RES. **First Macedonian progress report on the promotion and use of energy from RES** is prepared and after realization of the consultation process will be delivered to the EC Secretariat.
- ▶ **Guidelines for investors on procedures for the construction of power plants that use different technologies of renewable energy**, SHPP, photovoltaic power plants, wind power plants, power plants on biomass and power plants on biogas. These guidelines will enable timely introduction of potential investors with procedures for construction and will simplify the whole process. Guidelines are published in Macedonian, Albanian and English and also published on the website of Ministry of economy.
- ▶ Like a few years ago, the Government of the Republic of Macedonia in the past years starting from 2007 until 2016 **Programs for compensation of part of the expenses for purchased and installed solar thermal collector systems in households were realized**. For realization of the Program for 2016, 6,000,000 denars (100,000 euros) were provided and in accordance with this 590 households were subsidies. The implementation of the program allows saving electricity for hot water, promotions RES, public awareness and environmental protection.



- ▶ According to the Energy Law and the Rulebook on preferential producers of electricity from renewable energy sources, in the reporting period ERC issued several Resolutions for obtaining temporary status of preferential producer of electricity produced by small hydro power plants, photovoltaic power plants, biogas power plants and biogas power plants as well as Resolutions for obtaining status of preferential producer of electricity and Decisions for approval of using feed-in tariffs of electricity produced from small hydro power plant, wind power plant, biogas power plants and photovoltaic power plants.
- ▶ By 31st of December 2015:
 - the total installed capacity of 56 preferential producers of electricity from small hydro power plants is 53,362 MW, and 31 small hydro power plants with capacity of 30,441 MW are in process of construction and it is expected to start with operation in the period of 2016-2017;
 - the total installed capacity of 101 preferential producers of electricity from photovoltaic power plants is 16,663 MW, and 1 photovoltaic power plant with capacity of 0,4992 MW is in process of construction and it is expected to start with operation in 2016;
 - the total installed capacity of 1 preferential producer of electricity from wind is 36,8 MW (first stage) and residual capacity from 13,2 MW (second stage) is in process of construction and it is expected to start with operation in 2016;
 - the total installed capacity of 2 preferential producers of electricity from biogas power plants is 3.99 MW, and 1 biogas power plant with capacity of 3 MW is in process of construction and it is expected to start with operation in 2016;
 - 2 biomass power plants with capacity of 1,4 MW are in process of construction and it is expected to start with operation in 2016-2017.