



19th Energy Efficiency Coordination Group Meeting

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Overview of the Energy Efficiency Legislation Progress



AEE
Agency for Energy Efficiency



Energy Efficiency primary Legislation update

Energy Efficiency Law No. 124/2015 updated in February 2019 with the following points:

- The auditors and managers will undergo the "National Testing“, which is the testing performed by AEE for the Certification of Auditors and Managers
- The auditors will be certified ONLY by the AEE and not anymore registered to the National Buisness Center.

Law on Energy Performance of Buildings update

Regarding the sub-legal acts implementing this law, the Ministry and the Agency are being supported by the EBBRD in the framework of the "REEP Plus.

The by-laws that are being supported by this project are the most important for enabling the implementation of the Law:

- a. National Accounting Methodology
- b. Regulation on Minimum Performance Standards
- d. Regulation on Certification of Energy Performance.

Energy Efficiency secondary Legislation progress

The relevant secondary legislation is in progress

- Draft decision on approval of categories, conditions, qualification requirements and professional experience **for certification of the energy auditor,**
- Draft Decision on approval of categories, conditions and requirements for qualification **for energy manager.**

The Agency for Energy Efficiency ongoing assignments

- In 2019, the first **energy efficiency audit of public buildings** will be conducted in Albania, a project implemented by the agency. This will allow the creation of the first database on energy efficiency.
- It is planned to start the auditing of 170 public buildings and have an overview of the current situation.
- Progress is done concerning Monitoring and Verification Platform (MVP)
- It is still being developed the legal framework and the capacity building.
- The goal is to have the tool functional next year.

Data Collection

- It has been prepared the Internal Regulation on the functions of the Agency
- It has been prepared a **Draft instruction** for the form and schedule on information and data reporting on the energy consumption.
- According to the instruction, the Agency for Energy Efficiency is responsible for data collecting.

AEE receives information and data related to final energy consumption and primary energy consumption by:

- **natural or legal persons** who carry out an economic or social activity and consume energy;
- central and local governmental energy consuming institutions;
- distribution and / or supply companies of electricity, natural gas, thermal energy, oil by-products, coal, firewood, biomass or any other source of energy, whether public or private;

Overview of the Energy Efficiency ongoing projects

- 1- **World Bank** - Development of a Financing Mechanism for Energy Efficient Public Building
- 2- IPA 2014 - **Exergia** - Support in the Energy Efficiency Sector and the Renewable Energy Sources (RES) Development

Development of a Financing Mechanism for Energy Efficient Public Building

The objective of this **World Bank** activity is to support the Government of Albania to identify and develop a sustainable financing mechanism for energy efficiency in the public buildings sector

Development of a Financing Mechanism for Energy Efficient Public Building

The objective will be achieved by:

- assessing the EE potentials in the public buildings sector through an inventory of the public buildings stock
- developing a list of suitable financing and implementation options based on an analysis of the budgetary and legislative framework
- developing a roadmap to operationalize the selected mechanism

Development of a Financing Mechanism for Energy Efficient Public Building

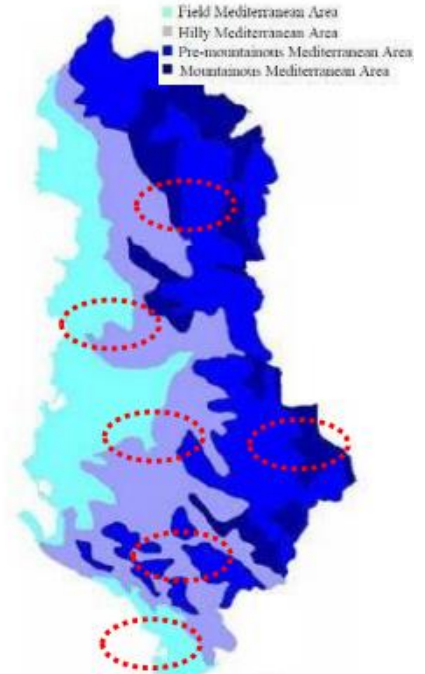
The findings of the project:

- Annual real expenditure amount is up to 57 million dollars, and still is not supplying the comfort level.
- The goal is to achieve sanitary and temperature norm conditions.
- The expenditure will be 110 million dollars per year.
- EE retrofit leads to 45% cut of real energy expenditure, annually savings of approximately 25 million dollars.

Development of a Financing Mechanism for Energy Efficient Public Building

Current energy consumption :

- ~ 50% in municipal sector
- ~ 35% in central buildings
- ~ 15% in health buildings
- Electric heating dominates in climate zone 1, administrations
- Wood fuel heating dominates in zone 2&3 , education & health



Climate zone 1: HDD < 1,300 K*d
Zone 2: HDD 1,300 – 2,300 K*d
Zone 2: HDD > 2,300 K*d

Support in the Energy Efficiency Sector and the Renewable Energy Sources (RES) Development

The aim of the Project is:

- To provide support for the creation of framework of operational principles that enable a coordinated, coherent and integrated planning of Government policies in order to create an enabling environment in the field of EE and RES

Support in the Energy Efficiency Sector and the Renewable Energy Sources (RES) Development

- The specific objectives of the Project are:
 - Further strengthening capacities on the functioning process and work flow of the Energy Efficiency Agency in the frame of the Energy Efficiency
 - Further develop capacities of the Ministry of Infrastructure and Energy in the creation of an enabling environment in the Renewable Energy Sector supporting the establishment of technical scheme and regulatory framework in RES

Any questions?

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Thank you!