

**16th SESSION OF THE GROUP OF EXPERTS ON  
ENERGY EFFICIENCY INVESTMENTS  
20-22 October 2010  
GENEVA**

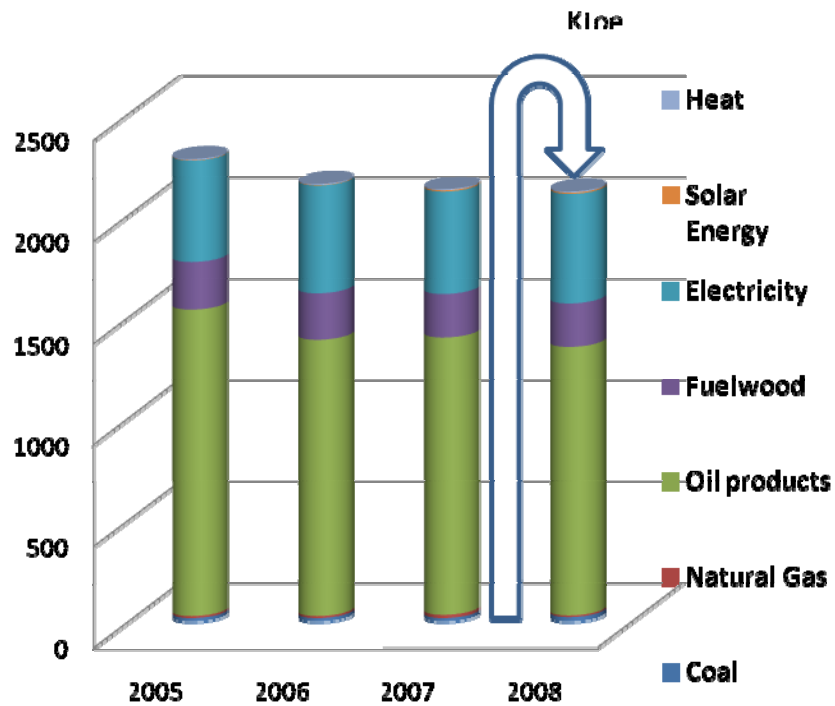
**National Agency of Natural  
Resources**

# CONTENT OF PRESENTATION

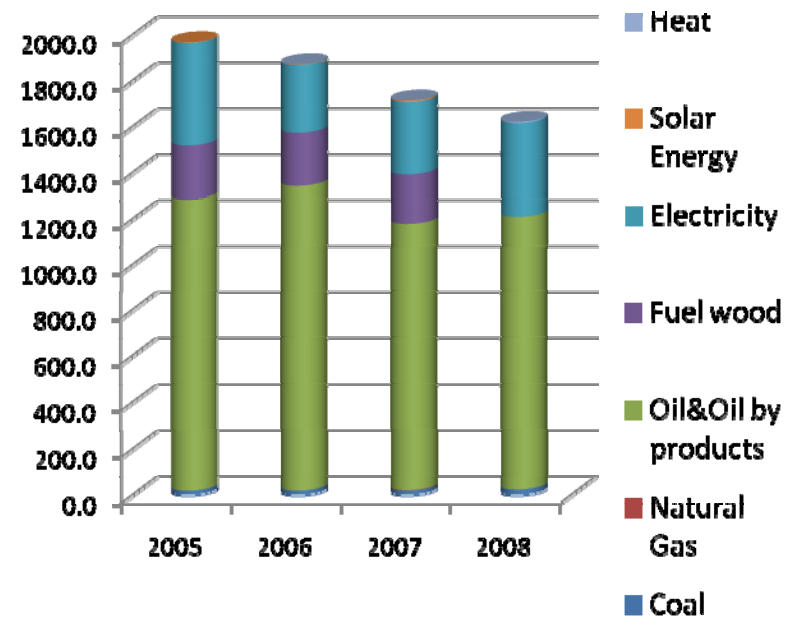
- **ALBANIAN ENERGY POLICY SITUATION**
- **ENERGY EFFICIENCY ACTION PLAN**
- **PROJECT WITH UNECE**
- **RECOMANDATIONS FOR FUTURE ENERGY POLICY**

# ENERGY BALANCE SITUATION 2005-2008

**Total Primary Energy Supply  
[ktoe]**



**Final Energy Consumption  
(ktoe)**



# POLICIES **AND PROGRAMMES**

- National Strategy of Energy (2003) & Updated 2009 (draft);
- National EE Action Plan; (draft)
- Energy legal & regulatory framework: in place and drafts on RES and EE;

# INSTITUTIONAL FRAMEWORK

- MINISTRY OF ECONOMY, TRADE AND ENERGY;
- MINISTRY OF ENVIRONMENT; is the national designated authority (DNA) for Clean Development Mechanism (CDM)
- NATIONAL AGENCY OF NATURAL RESOURCES;
- REGULATORY ENTITY;
- ENERGY COMPANIES IN PLACE;
- TECHNICAL CENTRAL INSPECTORATE;
- PUBLIC AND PRIVATE SECTOR;
- TRADERS;
- MUNICIPALITIES;
- NGO;

# LEGISLATION ON INVESTMENTS PROMOTION

- Law No. 9663, dated 18/12/2006 “On Concession”.
- MCD No. 27, dated 19/1/2007 “On approval of rules for evaluation and concession procedures”.
- Law No. 8987, dated 24.12.2002 “ On facilitating conditions establishment for new power generation resources construction”.
- Law “On Power sector”, No.9072, date 22.05.2003;
- Law No. 7764, dated 2.11.1993 “On foreign investments”;
- GAS law, No. 9946, date 30.06.2008;

# EE LEGAL FRAMEWORK

- “Energy efficiency” law;
- “Energetic building” code;
- “Energy conservation in buildings” law; No. 8937, dated 12.09.2002
- The law on “Production, transportation and trade of biofuels and other renewable fuels, for transport” No.9876/2008;
- Law No.10113, date on 09.04.2009, “On the indication by labeling and standard product information of the consumption of energy and other resources by household appliances”;

# FEATURES AND CHALLENGES

- High energy intensity due to inefficient generation and transmission processes, old buildings, not end- use energy efficiently consumption;
- Gradually increasing electricity tariffs;
- Not implementation in place of the EE law;
- Institutional and capacity building to be performed;
- Very limited number of energy auditors;
- Not information campaigns: public awareness:

# POWER SECTOR REFORM AND LIBERALISATION

Albania has undertaken a series of important reforms in the power sector for:

- improving legislation,
- energy sector performance,
- increasing tariffs to cover the cost,
- opening the market,
- unbundling Albania Power Corporation (APC) from a vertically integrated company towards separated company according to the functions, aiming the liberalization and development of the Albanian Electricity Market.

## EE PROGRAMMES

### Projects:

- KfW -monitoring by AKBN. Elaborating promotion of SHHP and EE; private and public sector;
- Ministry of Environment, Land and Sea - Cooperation Agreement on “Sustainable development and greenhouse gases emissions reduction” (Italian grant 5 MI).
- Workshops, Leaflets;
- Some small scale projects in EE;

## THE DRAFT LAW ON “ENERGY EFFICIENCY”

Consists on:

- Creation an legislative and regulatory framework aimed the encouraging the EE to the regard of buildings, appliances/equipment, etc;
- Certification of buildings and appliances;
- Obligations on energy audits/cost-effective measures of EE;
- EE strategy and Programs;
- Establishment of EE Fund;
- EE strategy;
- Institutional framework for the implementation of the EE;
- Introducing of ESCO-s;

## OVERALL ENERGY EFFICIENCY TARGET NEEAP

- Average over 5-year period of Total Final Consumption
- 9% energy saving target to be realised in 2018
- Intermediate target in 2012 adopted

**1869  
Ktoe**

**168 Ktoe**

**26 Ktoe**

## PROJECT ON FINANCING EE INVESTMENTS FOR CLIMATE CHANGE MITIGATION

The assignment tasks to be undertaken by the NPI under the Project Document are:

- National Project Website –Not realised yet??!
- National Energy Policy Information For Regional Analysis- there is submitted;
- Develop of the National Case Study-it's already submitted and applied to UNECE;
- Based on some realisation there are delivered the first contribution in monetary terms by 35,000 USD;

## DEVELOPMENTS IN THE FRAME OF THE PROJECT

- The NPI–AKBN has prepared already the information required for the National Project Website according to the Provisional Structure of the National Websites/WebPages proposed in the respective ToR.
- The information provided is being translated in English but the proper actions for being in compliance with the requests of the ToR needs still to be undertaken in order to meet the deadline prescribed in the revised schedule of the extended MoU.

# CONCLUSIONS AND RECOMANDATIONS

↕ Legal and regulatory gaps; strengthening of the EE legislation is necessary with secondary legislation and enforcement mechanisms;

↕ Technical standards, norms, codes, certification and labeling to be implemented and improving them;

Albania, do not have EE standards in place for equipment and appliances or modernized building codes, and have no regulations promoting or mandating building energy efficiency;

# CONCLUSIONS AND RECOMANDATIONS

## ↕ Institutional structures;

- designated energy efficiency agencies need capacity to design and implement policies and programs and identify cost-effective energy efficiency potentials;
- municipalities and public institutions needed;
- energy efficiency commissions, associations and NGOs involvement;

## ↕ Awareness Raising and Capacity Building providing information, advice and publicity on best practice ;

## CONCLUSIONS AND RECOMANDATIONS

- ↕ The municipalities (ROLE) should integrate energy efficiency into the municipal development plans as one of the key components of the local development agenda;
- ↕ There is need for an underlying effort to collect and analyze the energy data in each major economic sector, to project future trends, to identify and assess the energy efficiency potential, and to indicate the measures to be implemented.

## SUMMARIESED CONCLUSIONS & CHALLENGIES

- Increasing of the institutional responsibilities + (cooperation between local and govermental institutions)
- Legal framework harmonised with EU directives and strictly implementation;
- Financing sources attracting; (EE and RES Funds)
- ESCO-s to be introduced;
- Energy Database improvement;
- Awarness campaign increasing;