

ENERGY EFFICIENCY AND RENEWABLE ENERGY IN THE ENERGY COMMUNITY

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- THE ENERGY COMMUNITY - LEGAL AND INSTITUTIONAL FRAME
- STATUS AND TRENDS IN THE IMPLEMENTATION OF THE TREATY – ENERGY EFFICIENCY (EE) AND RENEWABLE ENERGY (RE) ACQUIS
- ENERGY COMMUNITY TASK FORCES ON EE AND RE
- ACHIEVEMENTS AND NEXT STEPS

ENERGY COMMUNITY



⇒ 8 Contracting Parties (CPs)

Albania, Bosnia and Herzegovina, Croatia, Former Yugoslav Republic of Macedonia, Moldova, Montenegro, Serbia and UNMIK

⇒ European Commission

On behalf of European Union

⇒ 4 Observers

Ukraine, Turkey, Georgia and Norway

⇒ 14 Participants

Austria, Bulgaria, Cyprus, Czech Republic, France, Germany, Greece, Hungary, Italy, The Netherlands, Romania, Slovakia, Slovenia, United Kingdom



⇒ Signature (25 October 2005) ⇒ Entry into force (1 July 2006) ⇒ Ratification (by December 2006) by all Contracting Parties

∞ *Acquis on Energy (electricity, gas, security of supply)*

∞ *Acquis on Competition*

∞ *Acquis on Energy Efficiency – adopted in December 2009*

∞ *Acquis on Renewables*

∞ *Acquis on Environment*

“...with a view to ensuring high levels of investment security and optimal investments” – Art. 5

❖ **INSTITUTIONS OF THE TREATY:**

Ministerial Council (MC), Permanent High Level Group (PHLG), Regulatory Board (ECRB), Secretariat (ECS), The Fora (Electricity, Gas, Oil, Social)

❖ **Task Forces (EE and RE)**

⇒ **BASIS - ART. 35 OF THE TREATY**

⇒ **MINISTERIAL COUNCIL DECISION DECEMBER 2009
– EE ACQUIS ADOPTED AND BECOMES MANDATORY !!!**

1. Directive 2006/32/ec on **energy end use efficiency and energy services**
2. Directive 2002/91/ec on the **energy performance of buildings**
3. Directive 92/75/eec on **labeling of household appliances** and implementing directives

- **ARTICLE 20 – ENERGY COMMUNITY TREATY**

- The CPs shall provide to the European Commission within one year of the date of entry into force of the Treaty (*by 1st of July 2007*):

1. a plan to implement [Directive 2001/77/EC](#) and
2. a plan to implement [Directive 2003/30/EC](#)

FORMALLY, THE REQUIREMENTS OF THE TREATY HAVE BEEN FULFILLED

- **STUDY ON THE IMPLEMENTATION OF THE NEW EU RENEWABLE ENERGY DIRECTIVE 2009/28/EC IN THE ENERGY COMMUNITY (5TH MC, DECEMBER 2008)**

ENERGY EFFICIENCY TASK FORCE



✓ **ESTABLISHMENT: MC - December 2007**

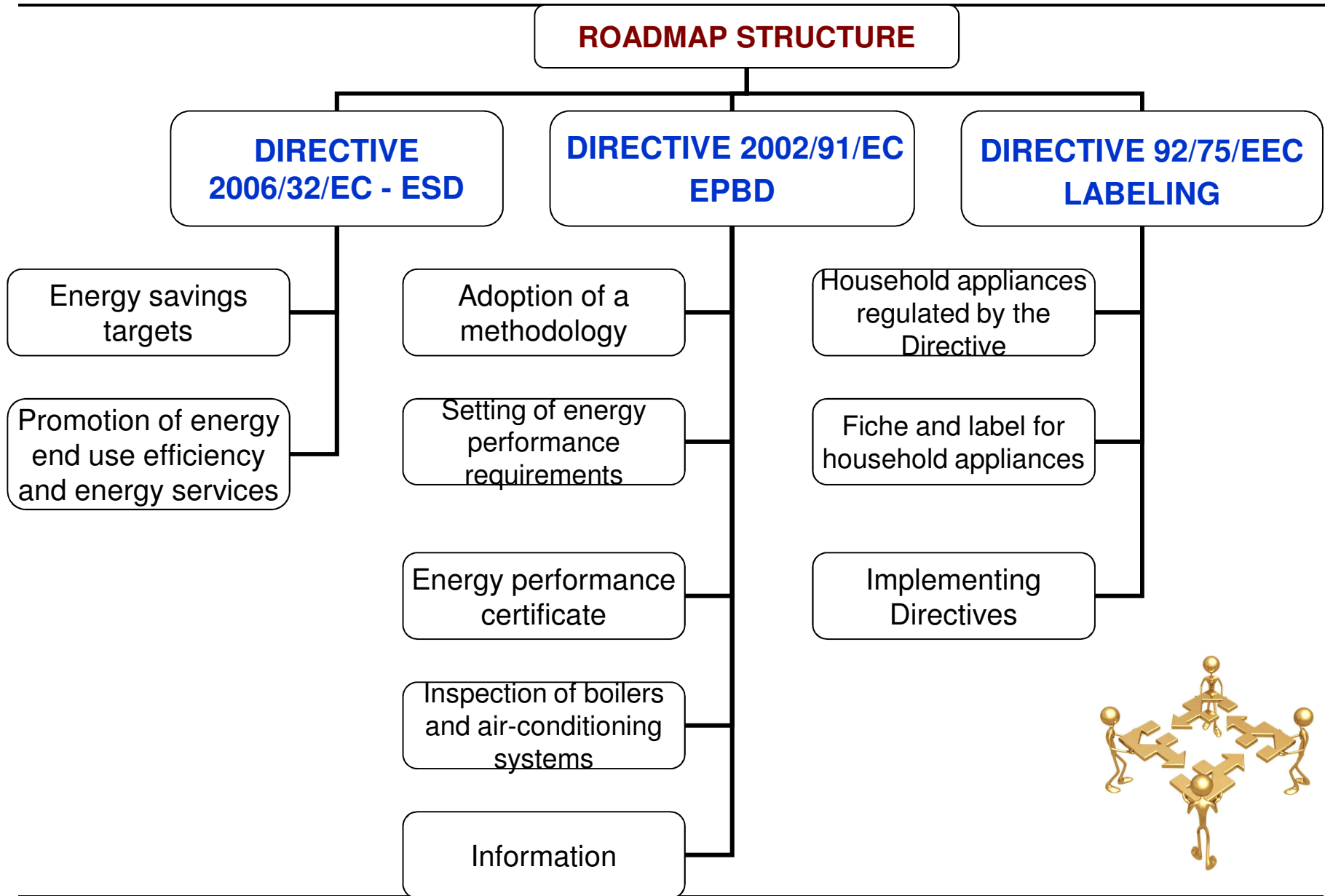
✓ **ACHIEVEMENTS 2008 – 2009:**

1. Analysis of the state of play of EE in the Contracting Party;
2. Preparation of a non-customised Action Plan to advance EE in the CPs;
3. Analysis of energy efficiency related EC Directives and their impact on the Energy Community, if transposed;
4. Development of a Communication and Awareness Campaign Plan.

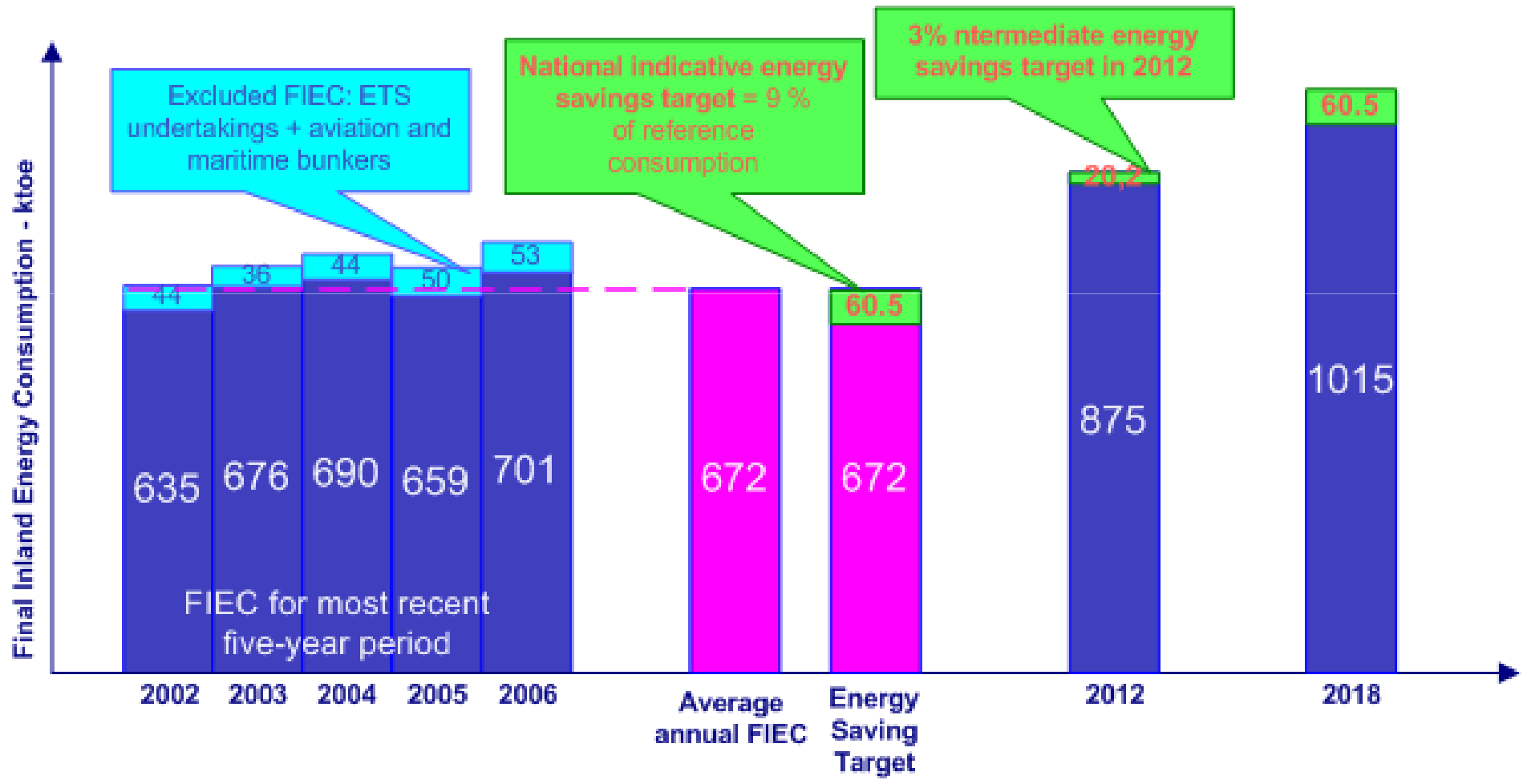
➤ **ACTIVITIES AND NEXT STEPS - 2010:**

1. Finalization of the 1st National Energy Efficiency Action Plans;
2. Monitoring of the implementation of the NEEAPs;
3. Preparation of a Road Map for transposition and implementation of the EE directives;
4. Implementation of the Information and Awareness Raising Campaign.

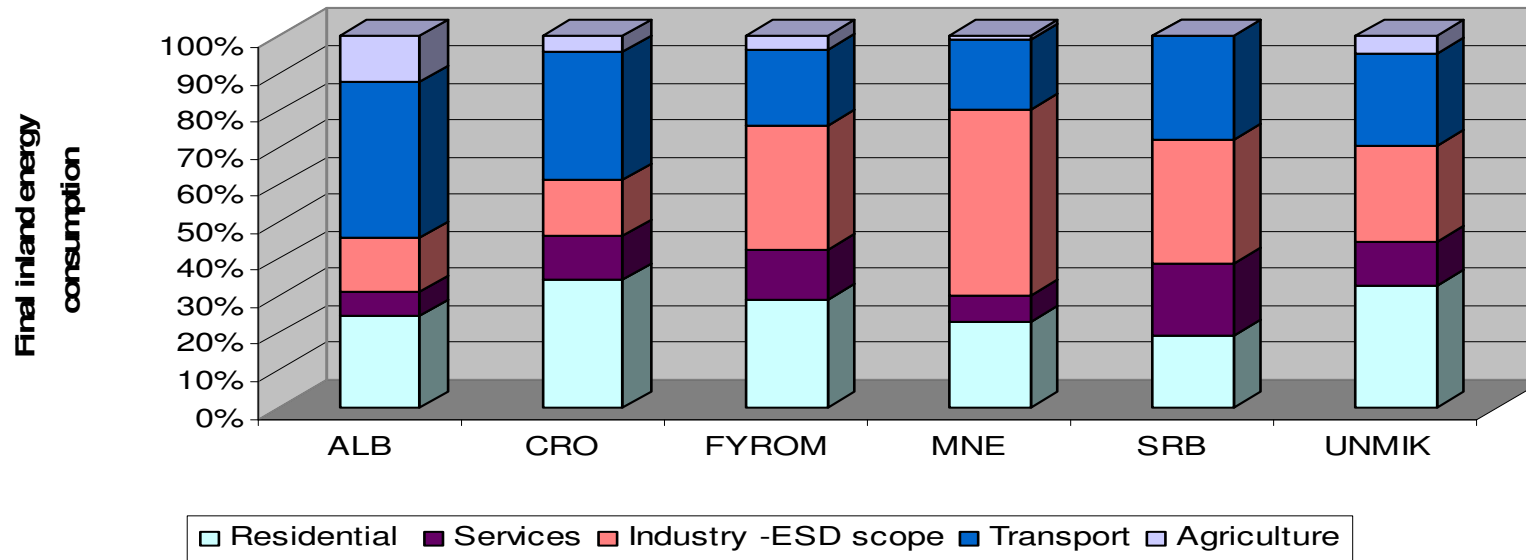
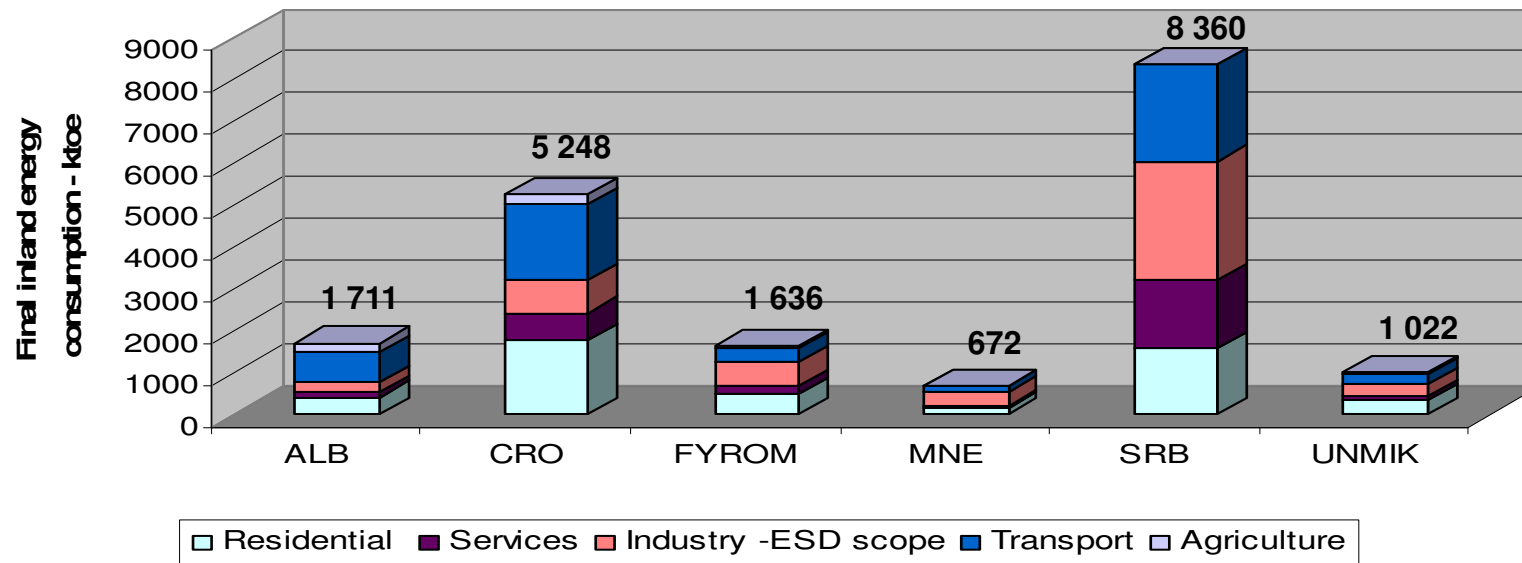
ROADMAP FOR EE DIRECTIVES



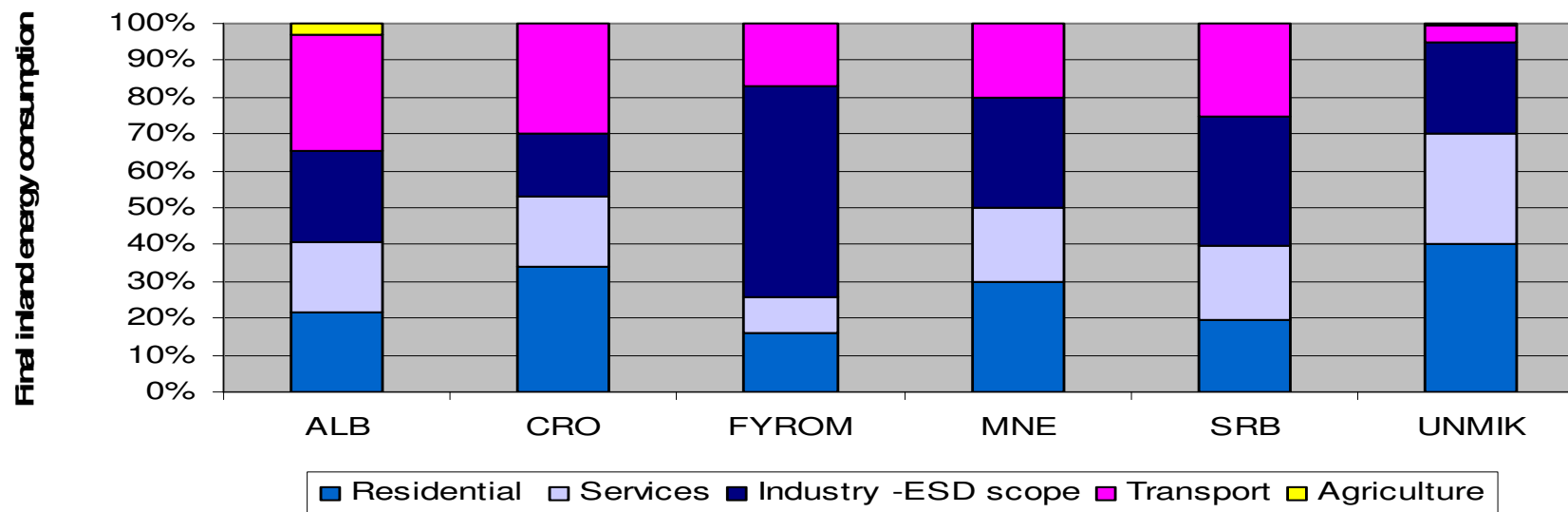
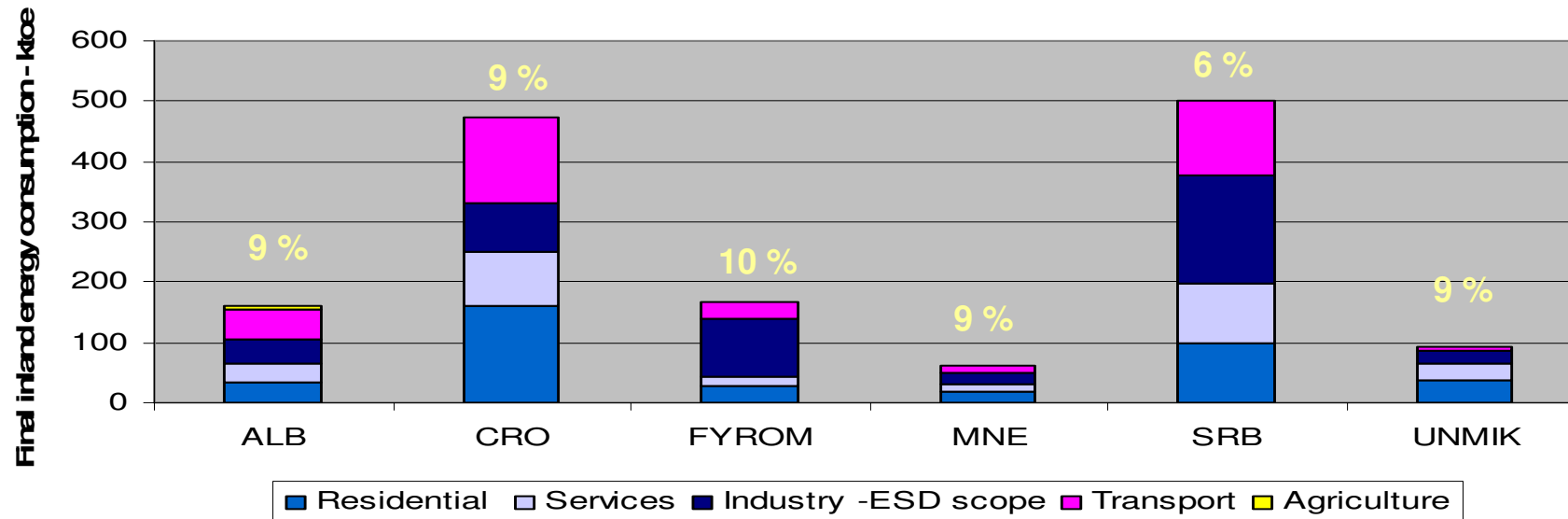
NEEAPs - CALCULATION OF THE ENERGY SAVINGS TARGET IN ENERGY COMMUNITY - EXAMPLE



NEEAPs - FIEC (ESD SCOPE) PER SECTORS



NEEAPs – NATIONAL ENERGY SAVINGS TARGETS PER SECTOR



1st NEEAPs – HIGHLIGHTED ROLE OF THE PUBLIC SECTOR

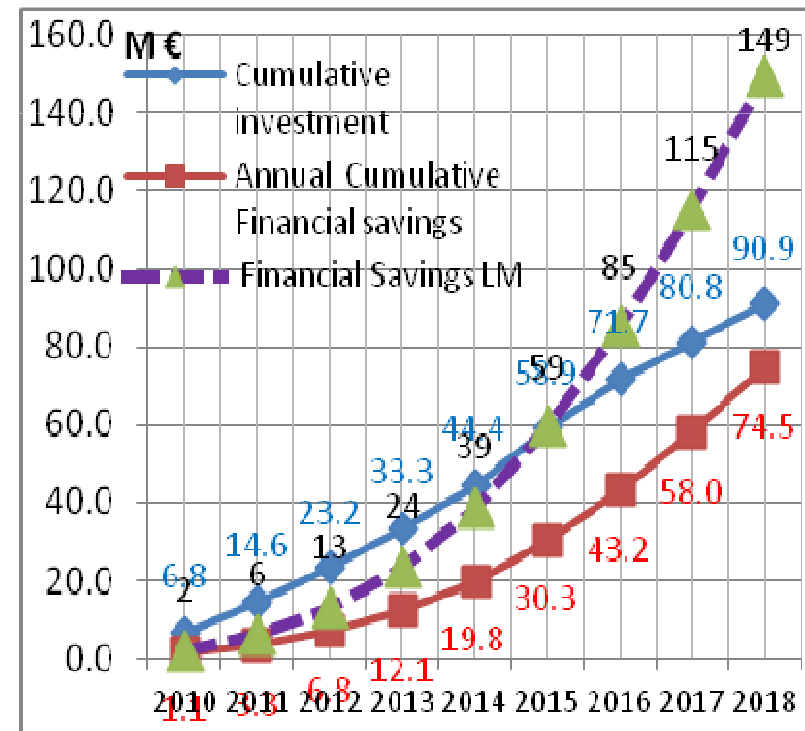
❖ REASONS:

- ✓ Exemplary role (ESD)
- ✓ Easier to address through policy measures (parallel with creation of proper legal and institutional framework)

❖ USUAL EE IMPROVEMENT MEASURES:

- ⊙ Energy audits and certification of buildings;
- ⊙ EE Projects in public administration buildings, schools, hospitals, street lighting;
- ⊙ Energy management at state and local level;
- ⊙ Inspections of boilers/air conditioning systems;
- ⊙ EE in tendering procedures for public procurement (equipment, vehicles, buildings);
- ⊙ Stricter EE standards for new public buildings;
- ⊙ Implementation of informative and awareness raising campaigns.

INVESTMENTS AND SAVINGS- EXAMPLE OF Former Yugoslav Republic of Macedonia



RENEWABLE ENERGY TASK FORCE



✓ ESTABLISHMENT (6TH MC, JUNE 2009)

☀ SIGNIFICANT ACTIVITIES IN THE WORK PROGRAMS 2009 - 2011:

1. Analysis of Directive 2009/28/EC for the purposes of its implementation by the Energy Community;
2. Development of the Transparency Platform and Knowledge Management Database for RES both on Energy Community level and in the Contracting Parties and Observers;
3. RE Action Plans;
4. Capacity building in RE area.

☀ RECENT RE AND EE EVENTS:

1. 29-30 April 2009 - Renewable Energy Workshop “Greening the Energy Community”;
2. 06 May 2009 - Workshop on National Energy Efficiency Action Planning for Buildings;
3. 15-16 Sept 2009 - Training Workshop on EE Planning and Investment Project Design;
4. 22-23 Febr 2010 - Workshop on Monitoring, Verification and Evaluation of the EE Policies;
5. 18 March 2010 - EnC and EBRD Conference “Investing in EE and RES in the Energy Community”;
6. EE and RES training sessions in 2010.

STUDY ON THE IMPLEMENTATION OF THE NEW RENEWABLE ENERGY DIRECTIVE

➤ RENEWABLE ENERGY FRAMEWORK ANALYSIS

- Assessment of Directive Requirements
- Review of Existing Arrangements for Renewable Energy
- Gap Analysis

➤ ENERGY MARKET MODELLING

- Forecasting the Energy Consumption in 2020
- Calculation of Indicative RES targets
- Regional economic model

➤ 2020 TARGET IMPLICATIONS

- Costs and opportunities

➤ PARTIAL RESULTS

- Methodology - the same level of ambition as EU-27
- RE share in 2005 – almost double than in EU-27
- 2020 RE share could exceed 20% at Energy Community level

➤ RE MARKET MODEL

- Heat demand could be met entirely from biomass
- Significant impact of energy efficiency in reducing the costs of meeting the targets
- Job creation, GHG reduction, security of supply

➤ POTENTIAL

- Significant biomass (82 TWh/y), hydro (19 GW), wind (6 GW), solar (200 MW)

➤ KEY ISSUES:

- 2005 energy statistics, biomass

NEXT STEPS:

- ❖ **EE: Finalization, adoption and monitoring of the NEEAPs;**
- ❖ **EE: Gradual transposition and implementation of the newly adopted EE directives (overall deadline - end 2011);**
- ❖ **EE: Information and awareness raising campaign;**
- ❖ **RE: Proposal of new study on biomass consumption surveys;**
- ❖ **RE: Identification and removal of the administrative barriers for infrastructure projects including RE (authorization, permission, licensing) and grid system issues;**
- ❖ **EE/RE: Fulfillment of the Tasks from EE and RE TF Work Programs;**
- ❖ **EE/RE: Improve statistical data collection;**
- ❖ **EE/RE: Education, training;**
- ❖ **EE/RE: Promoting cooperation and fostering investments.**

THANK YOU

FOR YOUR ATTENTION!

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