

21st OSCE ECONOMIC AND ENVIRONMENTAL FORUM

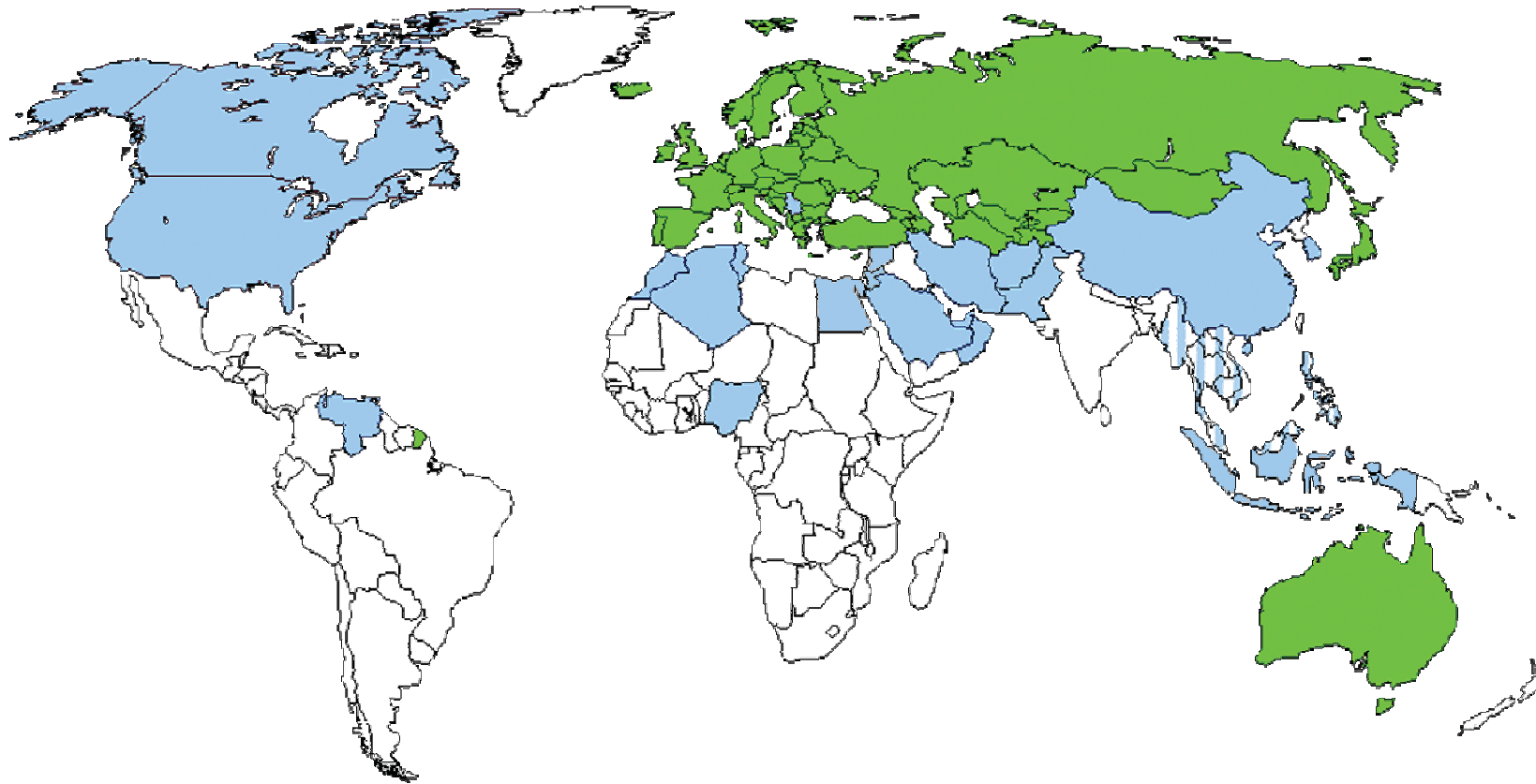
Energy Efficiency: policy
measures to promote energy
savings

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Energy Charter Constituency



Countries marked in **green** are signatories to the Energy Charter Treaty, and members of the Energy Charter Conference.

Countries marked in **blue** are observers (blue vertical stripes denote the countries of ASEAN).



PEEREA – Protocol on Energy Efficiency and Environmental Related Aspects

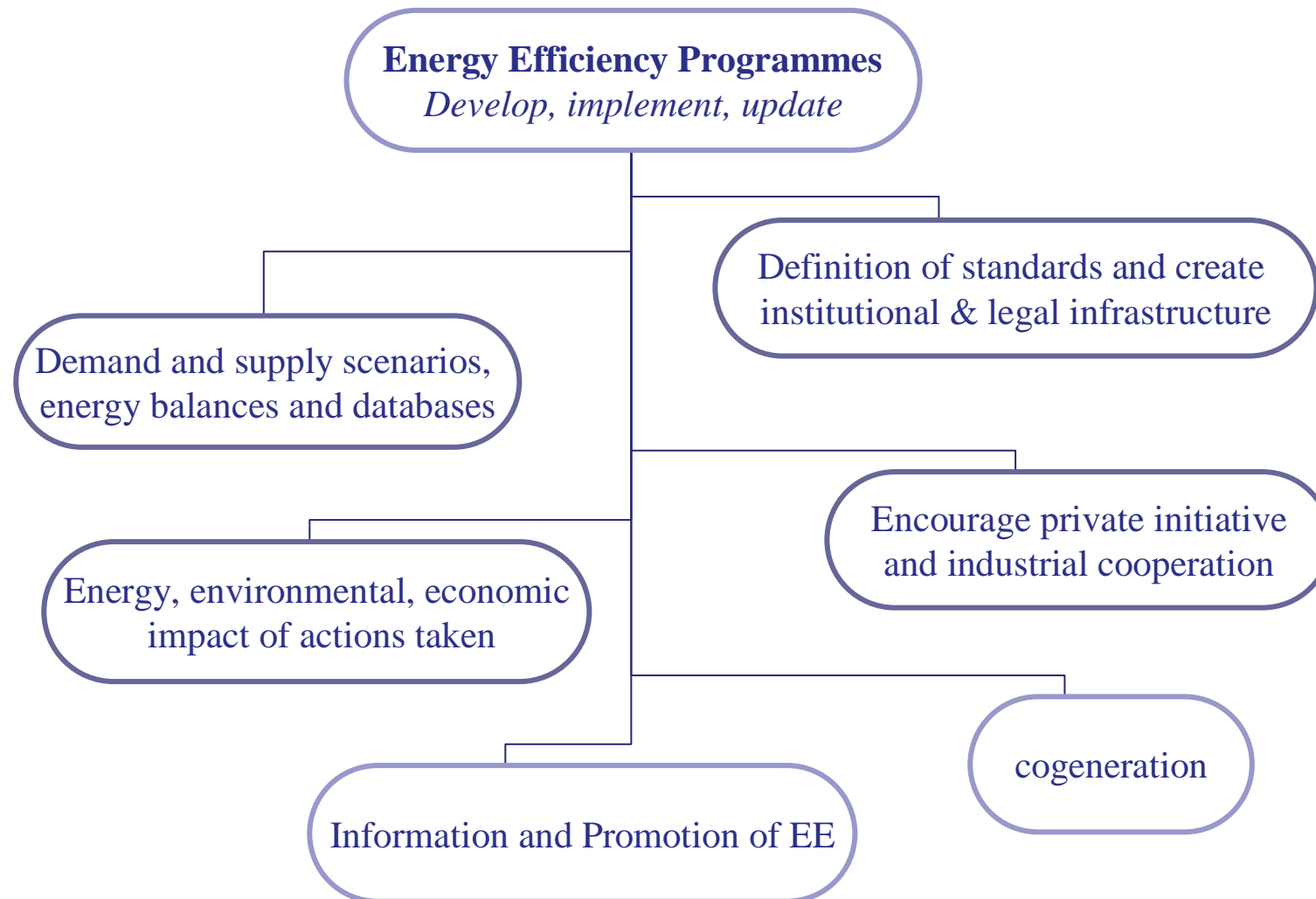
“Defines policy principles for the promotion of energy efficiency as a considerable source of energy and for consequently reducing adverse environmental impacts of energy system”

Objectives are:

1. Promotion of energy efficiency policies;
2. Creation of conditions...through efficient energy markets;
3. Fostering co-operation in the field of energy efficiency.

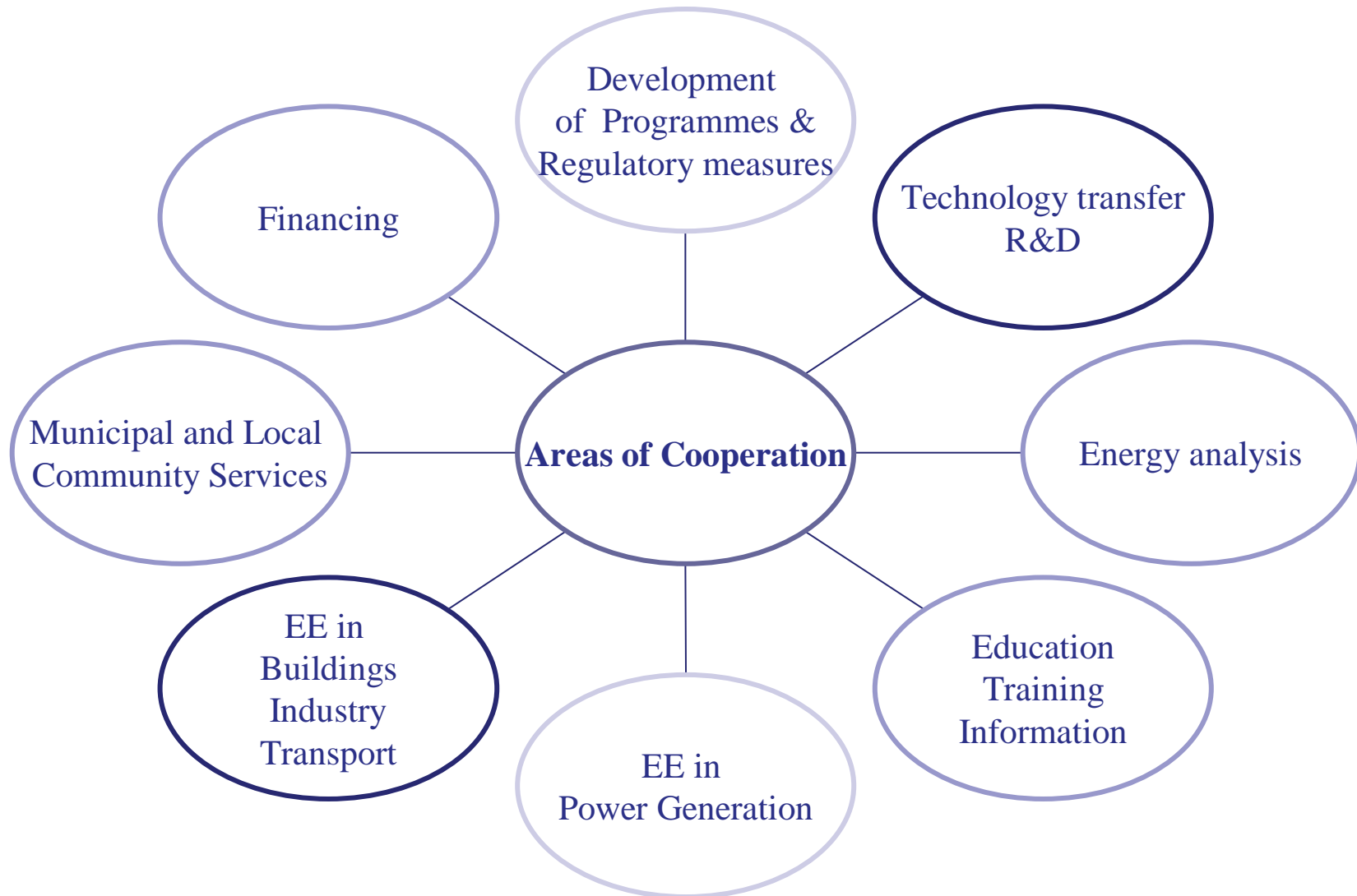


PEEREA and domestic programmes



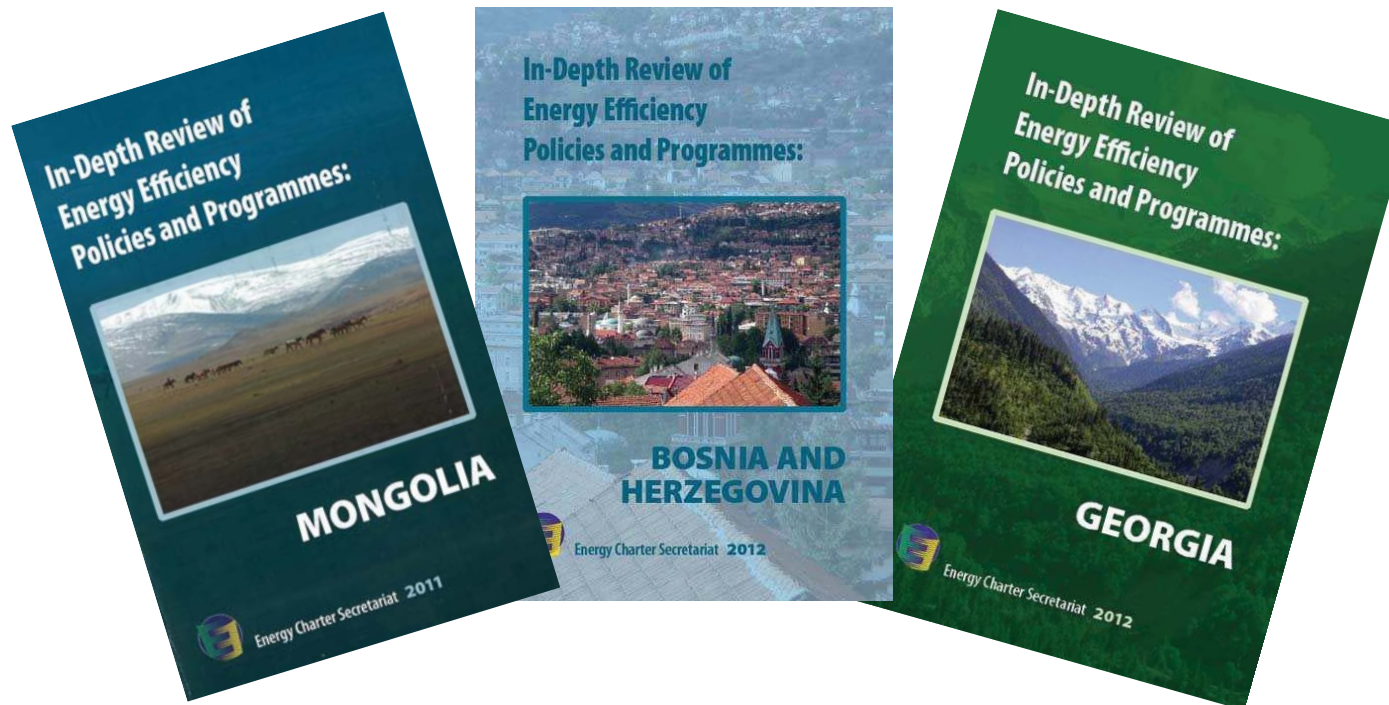


PEEREA – Possible Areas of Co-operation:





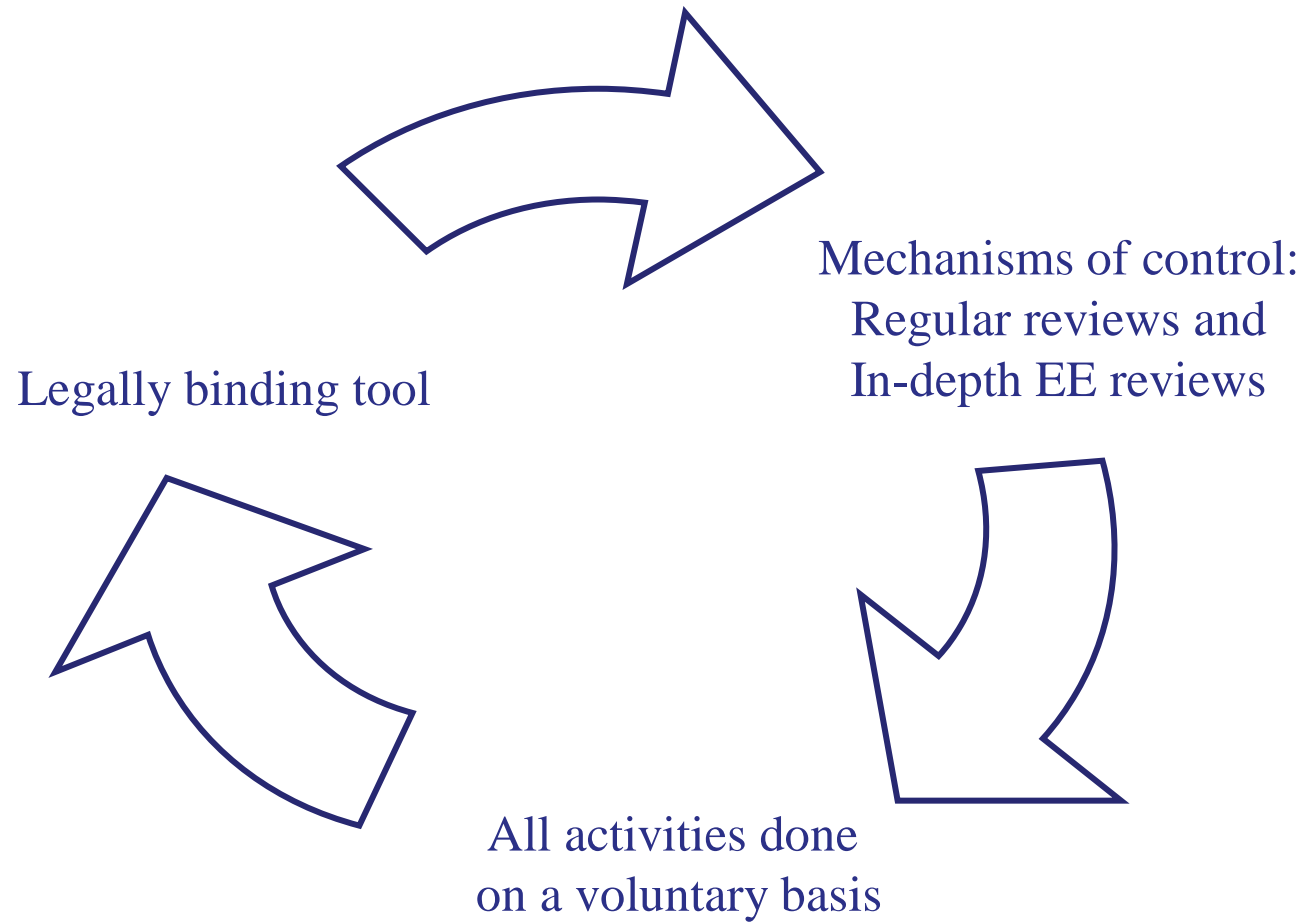
PEEREA Group Activities



1. Regular and In-depth reviews of EE Policies and Programmes of Member States;
2. Analytic Studies;
3. Events, information sharing, cooperation.

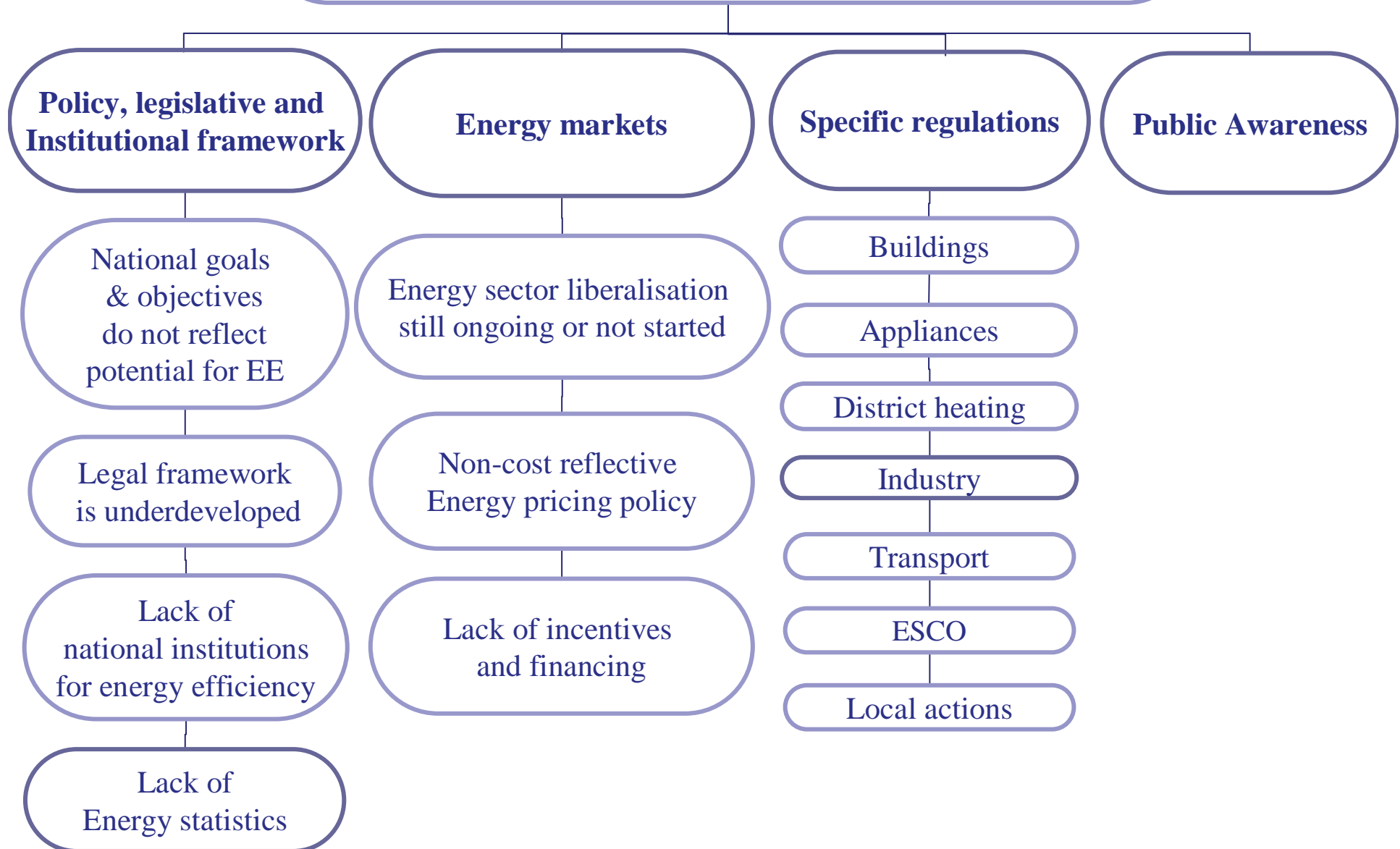


The limit of PEEREA





Main challenges in reviewed countries





Country performances

Level of EE implementation	Mongolia 2010	Georgia 2010	BiH 2011	Albania 2011	Belarus 2012	Azerbaijan 2012
EE Policy and legislation	Yellow	Red	Green with diagonal lines	Green	Blue	Red with diagonal lines
Institutional setting	Green	Red	Green with diagonal lines	Green	Blue with diagonal lines	Red
Energy sector reform	Green	Green with diagonal lines	Blue with diagonal lines	Blue with diagonal lines	Red	Red with diagonal lines
Cost reflective energy prices	Green with diagonal lines	Green with diagonal lines	Green	Green	Yellow	Yellow
Specific EE regulations	Green with diagonal lines	Red	Green	Green	Green	Red
Financial incentives	Red	Red	Red	Red	Red	Red
ESCO	Green with diagonal lines	Red	Red	Red	Green with diagonal lines	Red
Energy statistics	Green with diagonal lines	Green with diagonal lines	Green with diagonal lines	Green with diagonal lines	Green with diagonal lines	Green with diagonal lines
General public awareness	Red	Red	Green	Green	Blue with diagonal lines	Red

Low (L) – no existence and no intention to develop;

Intermediate (I) – intention to start developing;

Basic (B) – regulations exist in draft or just adopted;

Advanced – EE activities under implementation



Policy and legislative framework recommendations



Upon the adoption of the Energy Conservation Law the Government should **ensure further the development of secondary legislation and regulations** in different sectors. (*Mongolia*)

The government's energy policy should reflect the potential contribution of EE to increasing fuel exports and **supporting economic growth and the environment**. (*Azerbaijan*)

The State and Entity Governments should: i) promote the setting of realistic and measurable **energy efficiency targets for key sectors**, ii) provide for the legal, financial and other means necessary to reach those targets and iii) make arrangements for evaluation and review of progress towards such targets. (*Bosnia & Herzegovina*)



Institutional framework recommendations



Inter-administration co-operation between energy and other public policy makers should be enhanced, in particular for those concerned with the environment, transport, housing and industry.
(Azerbaijan)

The government should **create an energy efficiency unit** within the Ministry of Energy to lead the development of legislation, secure a budget line and promote sustainable energy within the government. *(Georgia)*

The government should ensure that **sufficient human and financial resources are allocated** to the Department of Energy Efficiency as the leading agency, as well as to all units within ministries and regional administrations responsible for the development and implementation of energy efficiency programmes. *(Belarus)*



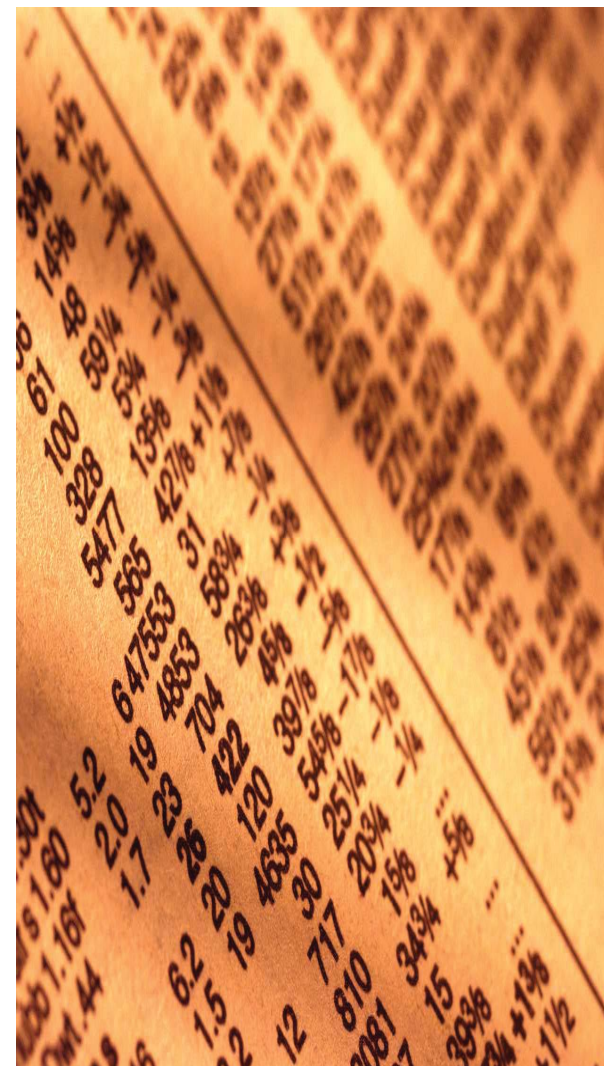
Energy market reform recommendations

The Government should continue reform of the electricity market to **achieve full-cost reflective pricing**, at the earliest opportunity. *(Albania)*

The government should consider the introduction of **market oriented principles** in the energy sector and an appropriate regulatory framework based on international experience. *(Azerbaijan)*

Continued development of energy market regulation should support the **development of effective energy services**. *(Georgia)*

The government should implement energy sector reform, which will provide for the use of market mechanisms and the potential for **investments in energy efficient technologies and equipment**. *(Belarus)*





Other recommendations

Specific EE Measures

- ❖ Improve enforcement and compliance of building regulations;
- ❖ Regulations on electricity using products;
- ❖ Introduce energy audits and management in industry and buildings;
- ❖ District heating rehabilitation and individual metering;
- ❖ Consider measures for efficiency in transports;
- ❖ Etc.

Availability of financing & incentives

- ❖ Ensure that international funding on EE is leveraged with domestic budget financing;
- ❖ Strengthen cooperation with commercial banks;
- ❖ Improve procedures for donor support approval;
- ❖ Introduce incentives for private and residential sector EE initiatives;
- ❖ Etc.

Energy statistics

- ❖ Improve capacity to collect, analyse and assess energy supply and consumption data;
- ❖ Use energy and EE indicators as important basis for future policy developments;

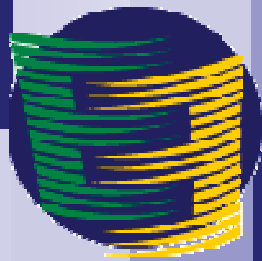
Monitoring EE implementation

- ❖ Compare existing monitoring system against international practices for the purpose of improvement.



Conclusion

1. Strong platform for stimulating dialogue on energy efficiency;
2. Active support to the process of energy efficiency implementation in countries with different levels of development and energy profiles;
3. Working with national policy makers and local decision makers to promote an integrated approach to energy efficiency.



THANK YOU

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