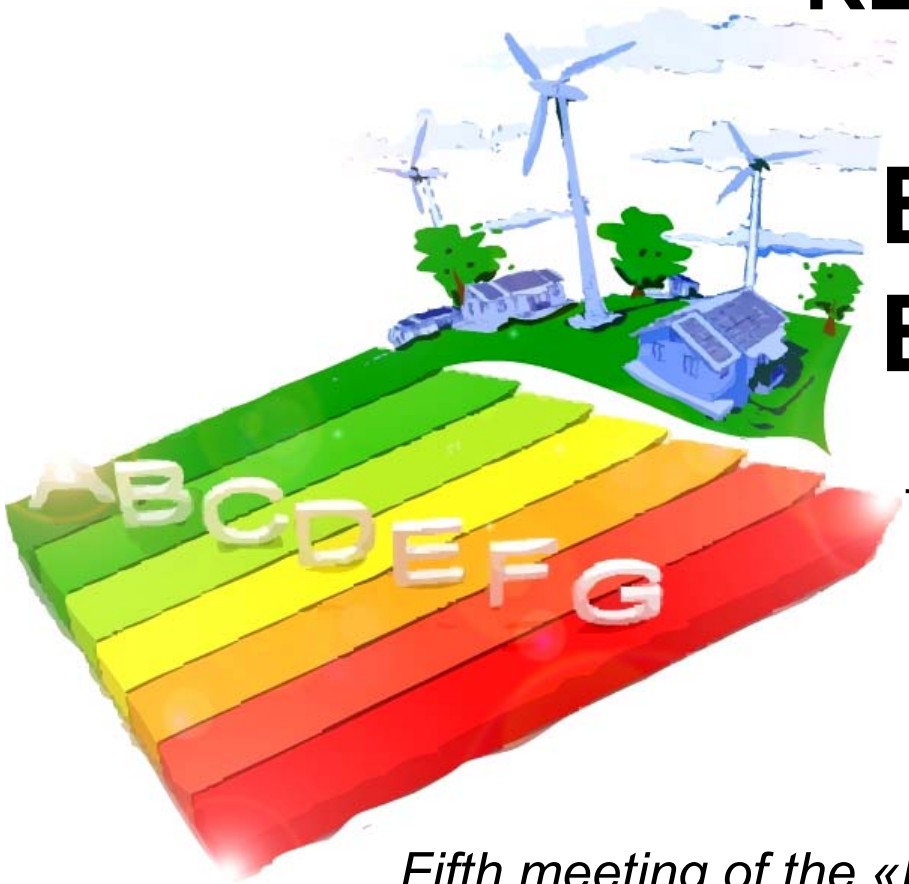
REPUBLIC OF BELARUS:



ENERGY EFFICIENCY

ALIAKSEI VOISTRYKAU

Deputy Director OJSC "Economenergo"

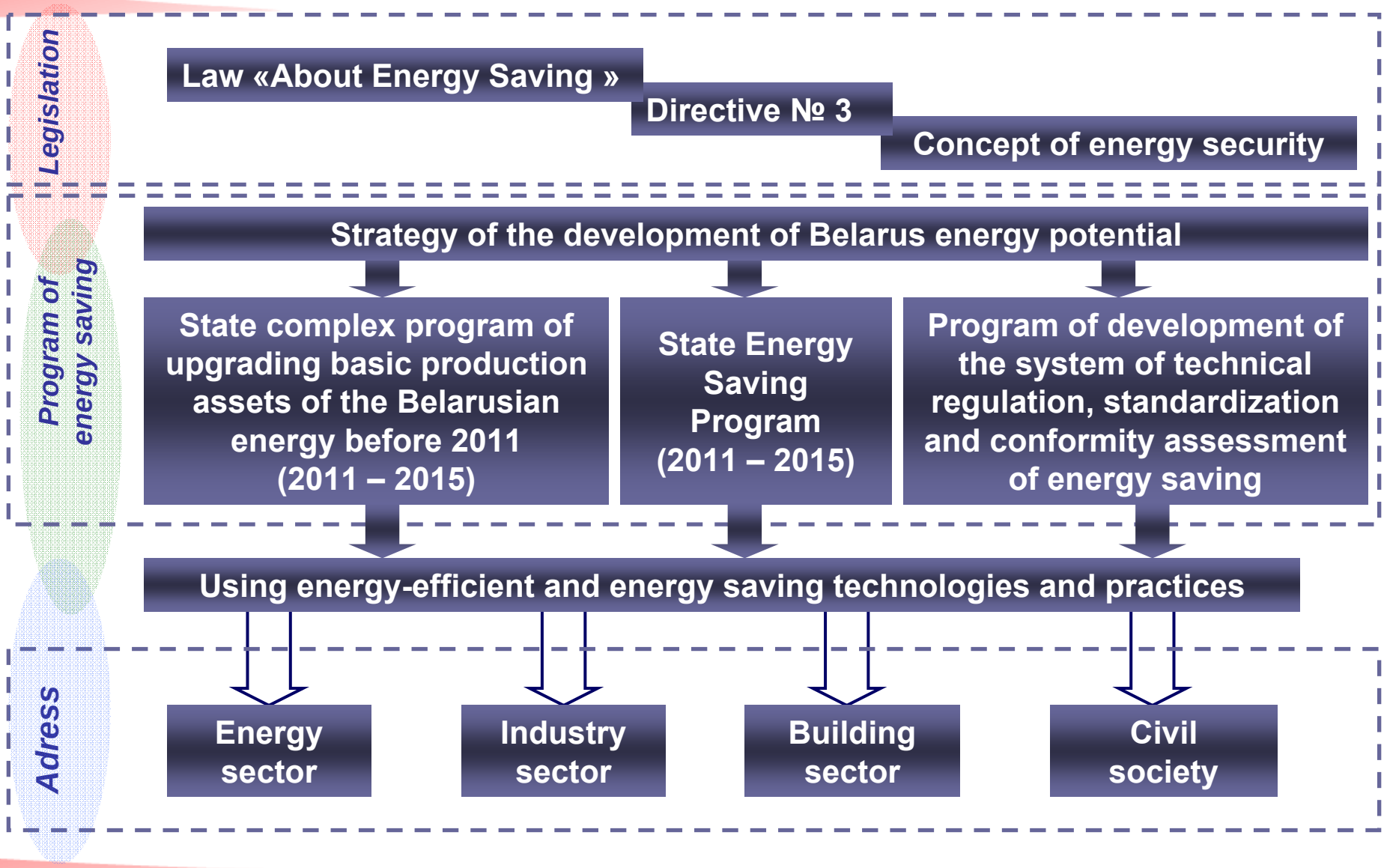
Fifth meeting of the «EASTERN PARTNERSHIP»
Platform 3 «Energy Security»

Brussels, 14 April 2011

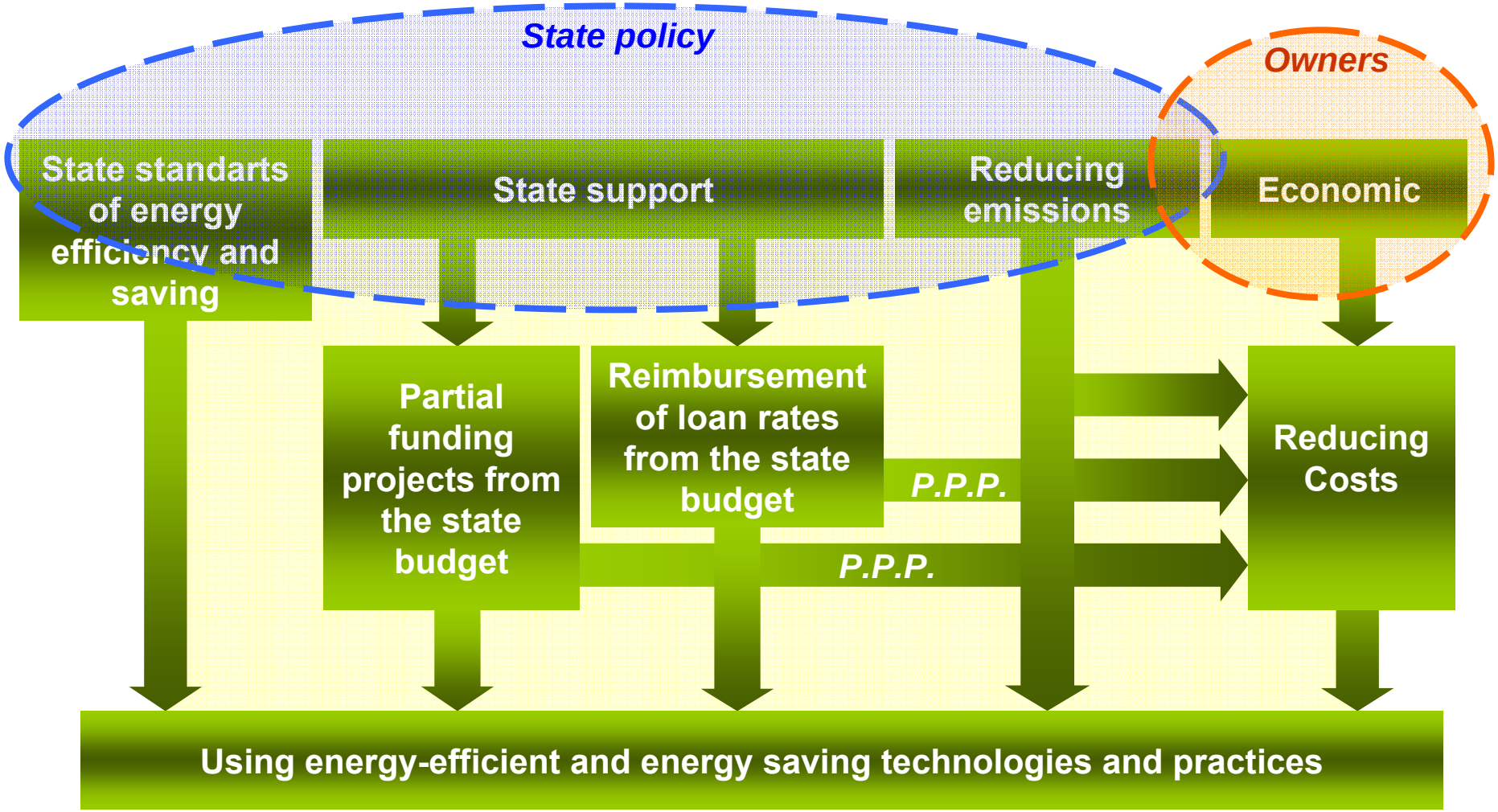
Basic Legislation of the Energy Efficiency

- ✓ **Law «About Energy Saving »** *15 July 1998 N 190-3*
- ✓ **Directive № 3 "Economy and Thrift - the main factors of State Economic Security "** *14 June 2007*
- ✓ **The concept of energy security of the Republic of Belarus** *approved by Presidential Decree № 433 of 17 September 2007*
- ✓ **Strategy of the development of energy potential of the Republic of Belarus** *approved by the Council of Ministers of the Republic of Belarus № 1180, 24 December 2010*
- ✓ **«The program of development of the system of technical regulation, standardization and conformity assessment in the field of energy saving »** *approved by the Council of Ministers of the Republic of Belarus № 1122, 31 August 2007*
- ✓ ***National Energy Saving Program for 2011-2015.*** *approved by the Council of Ministers of the Republic of Belarus № 1882, 24 December 2010*

Basic lines of the energy efficiency politics



Incentives for implementing energy efficiency



Mechanism for implementing energy efficiency policies in new projects

State Comitee of Standartization (coordinator)

Methodical recommendations for the development, approval and implementation of sectoral and regional energy efficiency programs *(Resolution SCS 26/05/2008)*

Regulation on state examination of town planning, architectural and construction projects, feasibility studies of investment in construction *(Government Regulation of the Republic of Belarus № 1476 8/10/2008)*

Approval

Supervision

Program of energy efficiency and saving

Agreement in the field of energy efficiency and saving

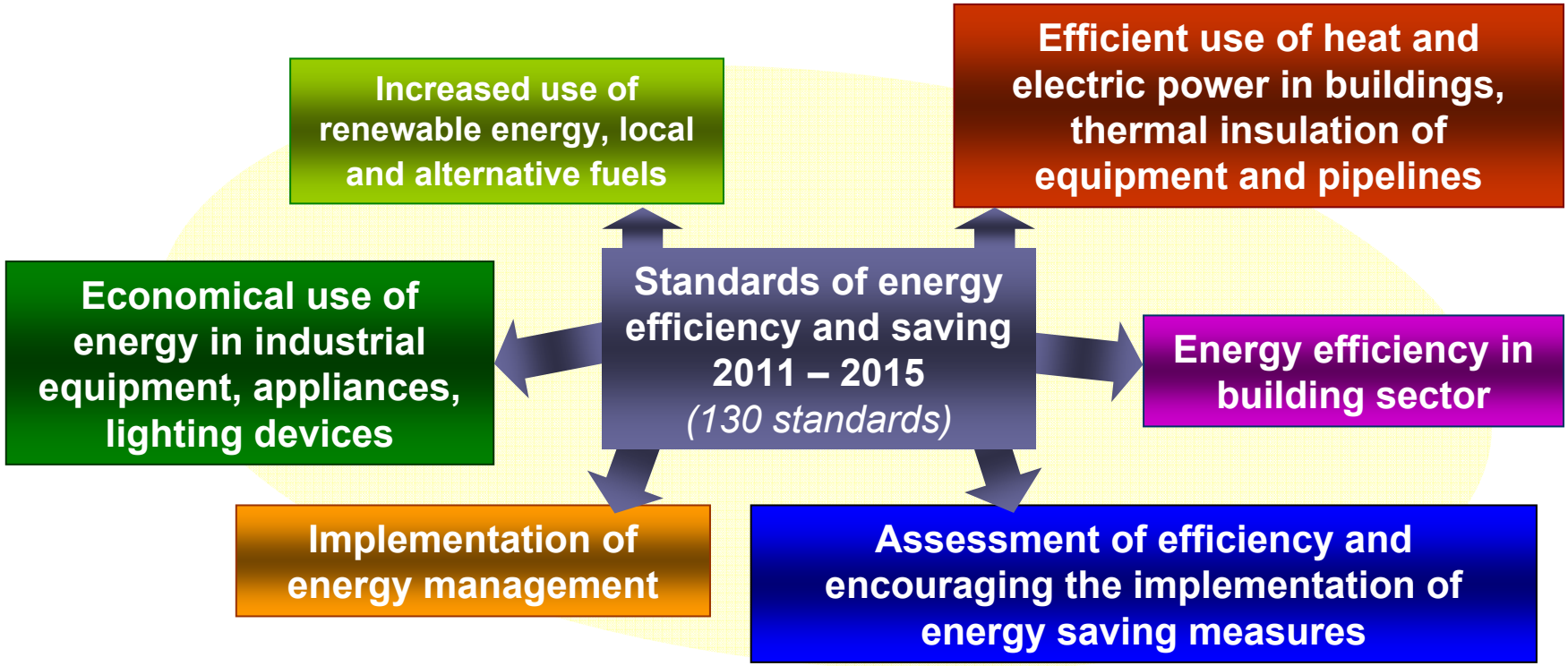
Standards of energy efficiency and saving

Project

Planning → **Design** → **Construction**

Standards of energy efficiency and saving

129 technical standards have been developed In 2007-2010 according to the Program of development of the system of technical regulation, standardization and conformity assessment of energy saving. More than 80 of these standards are harmonized with International and European requirements.



State Energy Saving Program 2006 - 2010

Reducing energy intensity of GDP, *%*	***26***
Fuel Savings, *mln. toe*	***5,5***

	Years				
	2006	2007	2008	2009	2010
Gross consumption of fuel, *mln. toe*	27,3	27,0	27,0	25,7	26.7
Fuel Savings, *mln. toe*	1,18	1,1	1,15	1,02	1,05
Reducing energy intensity of GDP , *%*	4,2	9,1	9,1	5,0	4,0
Financing*, *mln. $*	600,0	865,0	1 214,0	1 063,8	1 183,4

** - include financing of the projects in the field renewable energy and local fuel*

State Energy Saving Program 2011 – 2015

Reducing energy intensity of GDP, *%*	***30***
Fuel Savings, *mln. toe*	***4,9 – 6,2***

Improving the efficiency of generating sources, the use of traditional fuels

Development of alternative and renewable energy

Recycling secondary thermal energy

Reduction of losses in the energy transportation

Reduction of energy consumption in housing and communal services

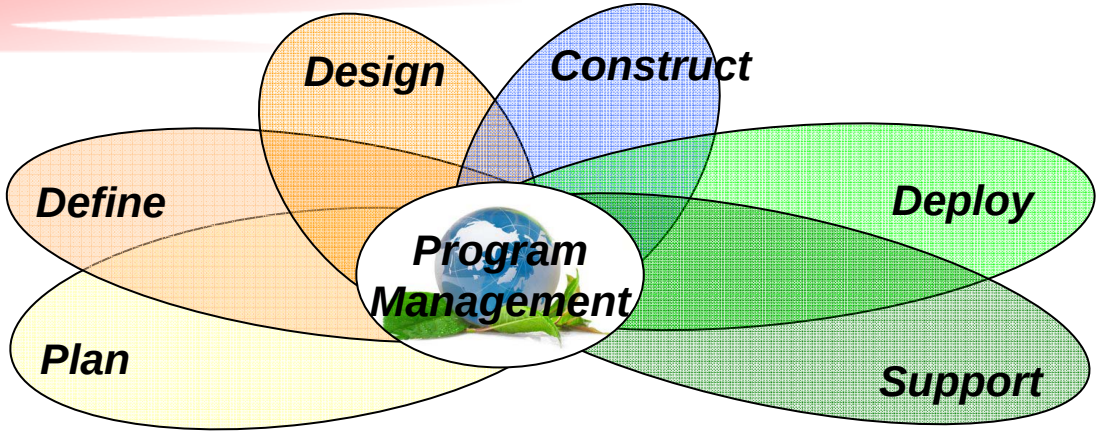
Improving energy efficiency in industry, construction, agriculture and public sector

Popularization of energy saving and rational use of energy resources

Development of the economic interest of producers and consumers to improve energy efficiency

Energy Saving Program 2011 – 2015

Improving Energy Efficiency in Sectors 2011-2015



Energy sector	Industry sector	Housing and Communal services	Agriculture
Introduction of combined cycle technology	*Recycling secondary thermal energy*		
	Renewable energy *(Heat pump, solar, hydro, wind and other)*		
Cogeneration	*Optimization of production processes*		
District Heating	*Introduction Energy Saving in buildings*		
Reduction of losses in energy transportation	*Introduction trigeneration*	*Establishment of biogas systems*	
Renewable energy			

Thank you

for your attention !

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