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Policy and Legislation for Facilitation of Energy Efficiency Enhancement and Renewable Energy Sources Use in the Republic of Belarus

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Legislation in the field of energy efficiency improvement and use of renewable energy resources

- 1. Law of the Republic of Belarus «On Energy Conservation» of July 15, 1998, No.190-3.**
- 2. Law of the Republic of Belarus «On Renewable Energy Sources» of December 27, 2010, No.204-3.**
- 3. Directive of the President of the Republic of Belarus «Saving and Thrift are the Main Factors of Economical Security of the State» of June 14, 2007, No.3.**
- 4. Energy Safety Concept of the Republic of Belarus (approved by the Decree of the President of the Republic of Belarus of September 17, 2007, No.433).**
- 5. Republican Programme on Energy Conservation for 2011-2015 (approved by the Resolution of the Council of Ministers of the Republic of Belarus of December 24, 2010, No.1882).**
- 6. Strategy of Energy Potential Development of the Republic of Belarus (approved by the Resolution of the Council of Ministers of the Republic of Belarus of August 9, 2010, No.1180).**
- 7. Number of development programmes in the field of energy efficiency improvement and domestic fuel use expansion.**

Draft of the Law of the Republic of Belarus «On Energy Conservation»

The Law will assign provisions as follows:

- approaches to indices to be established in the field of energy conservation;
- provisions for development and implementation of energy conservation programmes;
- provisions for energy audit of organizations;
- provisions for consumption rate setting for energy resources;
- provisions for energy efficiency state expertise;
- requirements for supervision over rational and effective use of fuel and energy resources;
- directions for economic stimulation of activities in the field of energy conservation.

Law of the Republic of Belarus «On Renewable Energy Sources (RES)»

The Law assigns provisions as follows:

- guaranteed connection of installations, which use the RES, to the nearest connection point of the state power grid;
- adjustment of the state power grid to provide secure transmission of electrical power produced from the RES;
- tax concession and other privileges pursuant to legislation, e.g., when imported equipment is intended for the use of RES;
- obligation of state suppliers of energy to purchase, assuring feed-in tariffs, all energy generated in RES installations;
- other measures of the state support.

Directive of the President of the Republic of Belarus «Saving and Thrift are the Main Factors of Economical Security of the State» of June 14, 2007, No.3

and

Energy Safety Concept of the Republic of Belarus (Decree of the President of the Republic of Belarus of September 17, 2007, No.433

assign the following indices:

➤ **Reduce the GDP energy intensity:**

- by 29-32 per cent in 2011-2015;
- by 20 per cent in 2016-2020.

➤ **Ensure energy saving (in comparable conditions):**

- at least 7.1-8.9 million tons of coal equivalent in 2011-2015;
- at least 5.2 million tons of coal equivalent in 2016-2020.

Energy conservation programmes

- Republican Programme on Energy Conservation for 2011-2015 (approved by the Resolution of the Council of Ministers of the Republic of Belarus of December 24, 2010, No.1882).
- National Development Programme for Local and Renewable Energy Sources in 2011-2015 (approved by the Resolution of the Council of Ministers of the Republic of Belarus of May 10, 2011, No.586).
- State Programme for Construction of Energy Sources Based on Local Fuels in 2010–2015 (approved by the Resolution of the Council of Ministers of the Republic of Belarus of July 19, 2010, No.1076).
- Programme for Construction of Energy Sources Based on Biogas in 2010–2015 (approved by the Resolution of the Council of Ministers of the Republic of Belarus of June 9, 2010, No.885).
- State Programme for Construction of Hydropower Plants in 2011–2015 in the Republic of Belarus (approved by the Resolution of the Council of Ministers of the Republic of Belarus of December 17, 2010, No.1838).

Republican Energy Conservation Programme for 2011-2015

- GDP energy intensity reduction by 29-32%
- Local energy resources share in boiler and furnace fuel balance: 28%
- Total saving of fuel and energy resources: 7,1–8,9 M tce
- Financial funds intended for energy conservation and expansion of the use of local energy resources: 8662,5 M USD.

National Development Programme for Local and Renewable Energy Sources in 2011-2015:

- putting into operation of energy sources using wood and peat fuels with total capacity of 49 MW (electrical) and 1063 MW (thermal);
- putting into operation of biogas power plants with total capacity of 90 MW (electrical);
- building of new hydropower plants and renovation of existing hydropower plants with total capacity of 102 MW;
- building of wind parks with total capacity of up to 460 MW;
- putting into operation of heat pumps to utilize low potential secondary energy resources and geothermal energy with total capacity of 8,9 MW;
- putting into operation of 172 solar water heaters and solar power plants.

State Programme for Construction of Hydropower Plants in 2011–2015 :

- construction and reconstruction of 33 hydropower plants with total capacity of 102,1 MW.

State support to RES projects

**Law
«On Renewable
Energy Sources»**

**Internal
Revenue Code**

**Investment
Code**

**Law
«On Customs
Tariff»**

Guaranteed grid
connection

No tax for a plot of
land intended for
RES construction

Protection of
investments

RES equipment
are exempted
from customs duty
when entering
Belarus

Guaranteed purchase
of produced energy

No VAT for RES
equipment imported
in Belarus

Variety of
investment
mechanisms

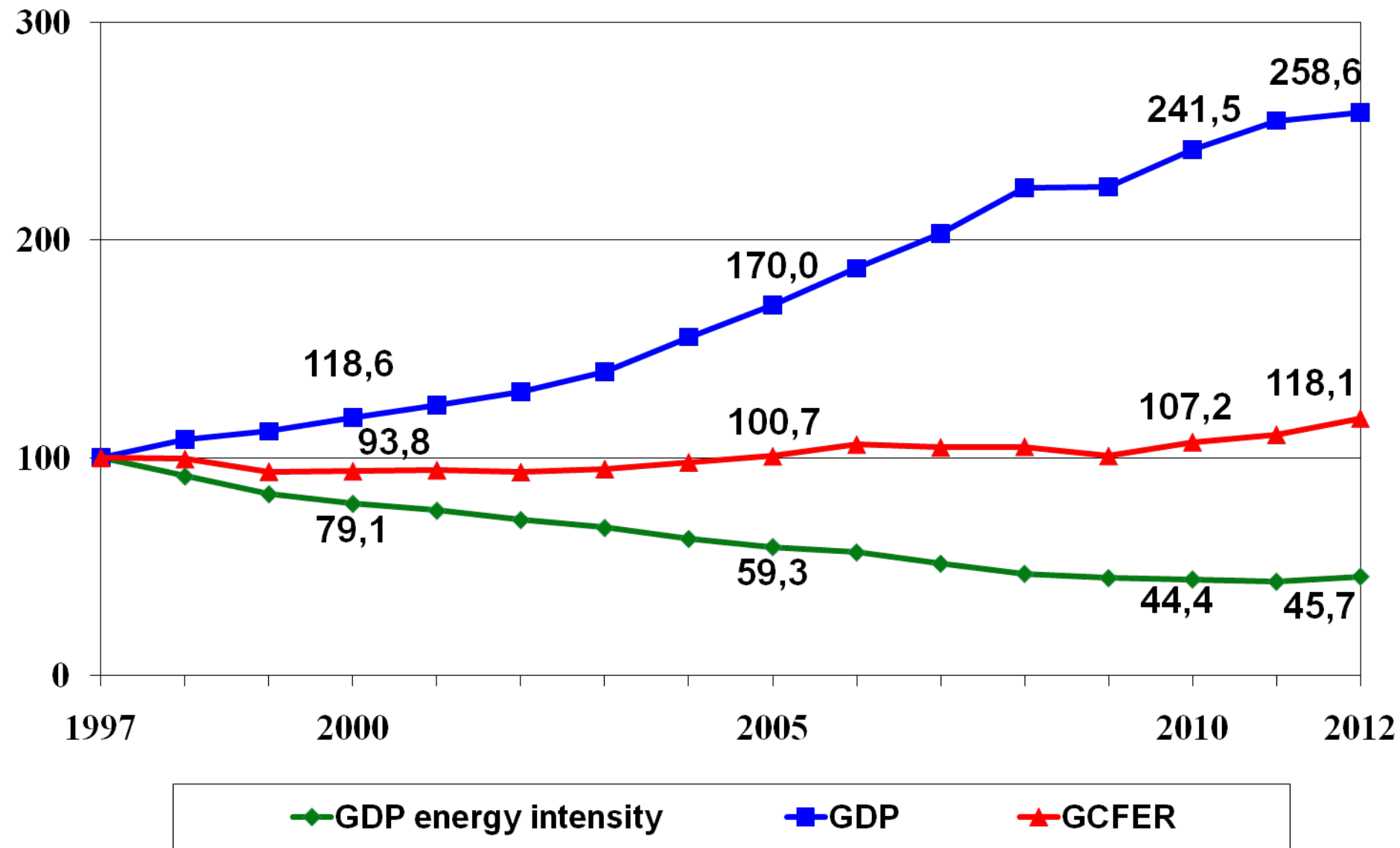
Feed-in tariffs

State support when entering into an investment agreement

In line with the Decree of the President of the Republic of Belarus of 06.08.2009 No.10, when implementing an investment agreement the following exemptions are envisaged as a measure of the state support:

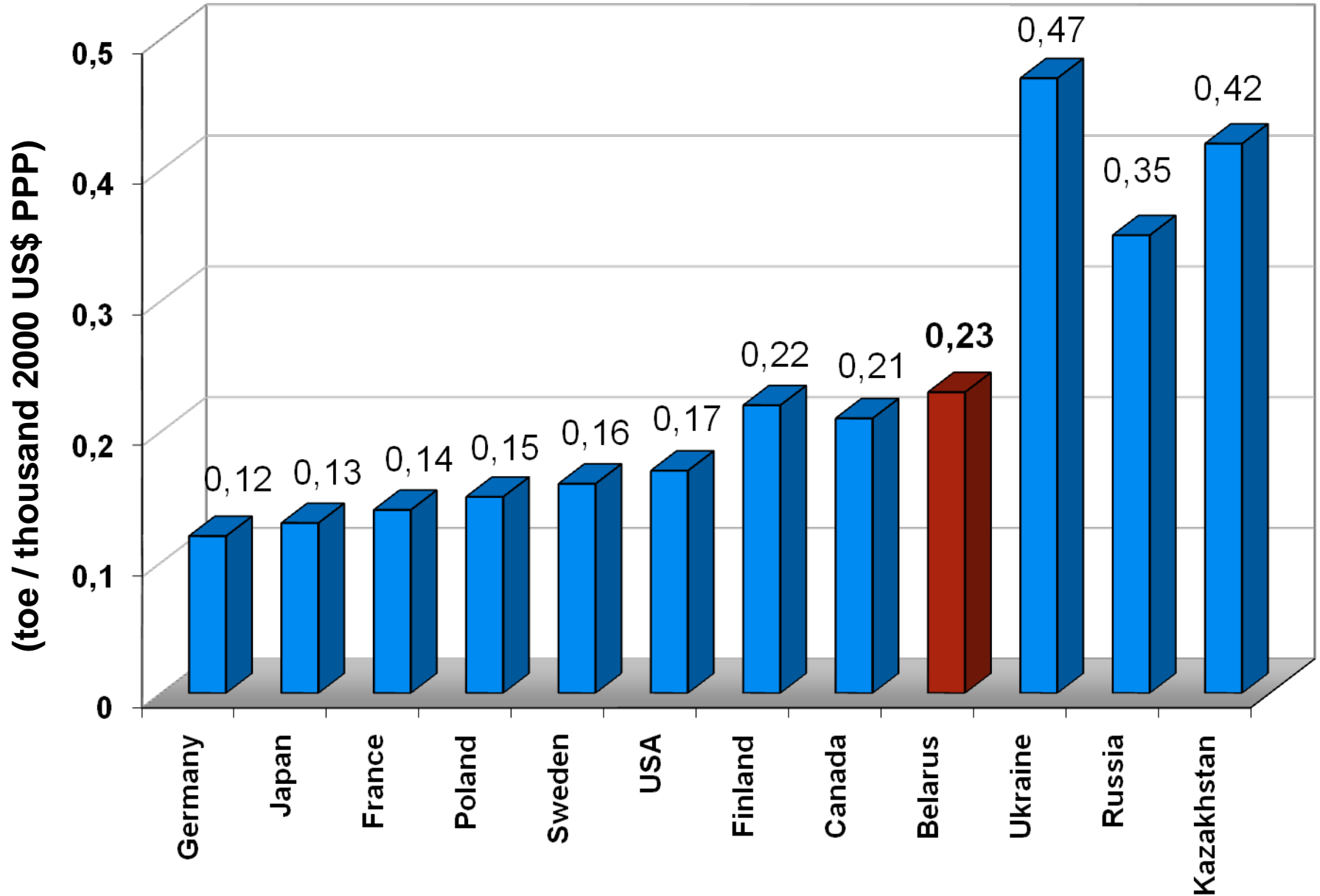
- profits tax;
- VAT;
- land charges;
- import duty;
- state dues.

Dynamics of GDP, gross consumption of fuel and energy resources (GCFER) and GDP energy intensity to 1997 level (%)

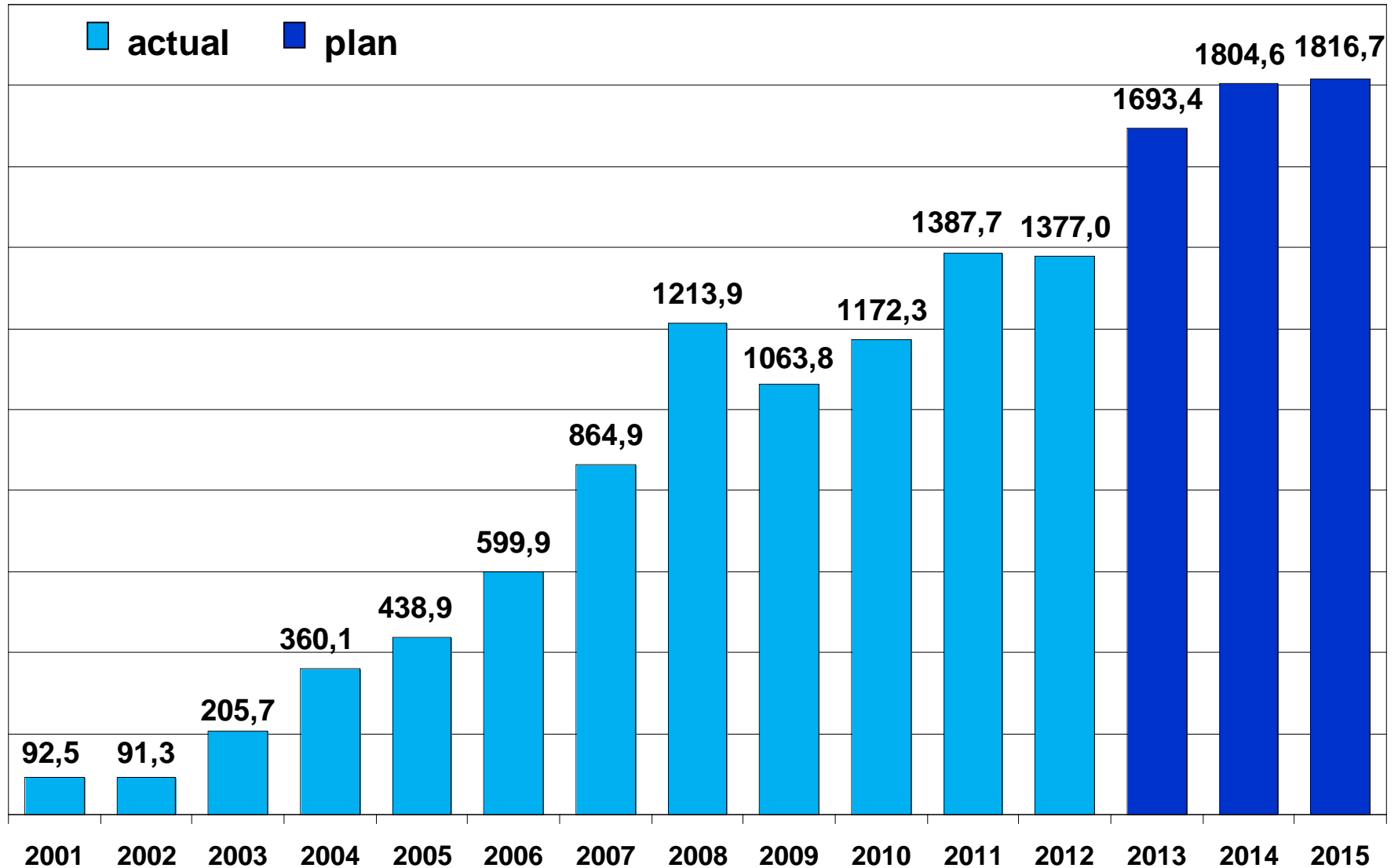


GDP energy intensity in 2010

(source: International Energy Agency)



Funding for energy conservation in 2001-2015, in million USD





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Thank you!

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