



**THE MINISTER  
OF ECONOMIC AFFAIRS**

FORECAST PURSUANT TO ARTICLE 4(3)  
OF DIRECTIVE 2009/28/EC OF 23 APRIL 2009 OF THE EUROPEAN PARLIAMENT  
AND OF THE COUNCIL ON THE PROMOTION OF THE USE  
OF ENERGY FROM RENEWABLE SOURCES AND AMENDING  
AND SUBSEQUENTLY REPEALING DIRECTIVES 2001/77/EC AND 2003/30/EC

Warsaw, January 2010

## 1. Legal basis

The forecast satisfies the provisions of Article 4(3) of Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC. Article 4(3) of the Directive provides as follows:

"Each Member State shall publish and notify to the Commission, six months before its national renewable energy action plan is due, a forecast document indicating:

(a) its estimated excess production of energy from renewable sources compared to the indicative trajectory which could be transferred to other Member States in accordance with Articles 6 to 11, as well as its estimated potential for joint projects, until 2020; and

(b) its estimated demand for energy from renewable sources to be satisfied by means other than domestic production until 2020."

## 2. Forecast

### Article 4(3)

(a) The estimated excess production of energy from renewable sources compared to the indicative trajectory which could be transferred to other Member States in accordance with Articles 6 to 11, as well as its estimated potential for joint projects, until 2020.

Table: Forecast share of energy from renewable sources (ERS) in final consumption of energy 2010 - 2020 and excess production of energy from ERS

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	Final consumption of energy (ktoe)	61 300	61 800	62 400	62 900	63 400	64 000	65 000	66 100	67 100	68 200	69 200
2	Final consumption of energy from ERS (ktoe)	5 595	5 933	6 332	6 706	7 080	7 501	8 123	8 723	9 362	10 024	10 713
3	Final share of ERS (%) 2/1	9.13%	9.60%	10.15%	10.66%	11.17%	11.72%	12.50%	13.20%	13.95%	14.70%	15.48%
4	Minimum value pursuant to the Directive (%)		8.76%	8.76%	9.54%	9.54%	10.71%	10.71%	12.27%	12.27%		15%
5	Minimum value pursuant to the Directive (ktoe) 4*1		5413	5466	6000	6048	6854	6961	8110	8233		10380
6	Excess (ktoe) 2-5		519	866	705	1 032	647	1 162	613	1 129		333
7	Excess (%) 6/1*100		0.84	1.39	1.12	1.63	1.01	1.79	0.93	1.68		0.48

The forecast is currently estimated to be accurate to within  $\pm 0.5$  percentage points. According to the above forecast, in 2020 Poland will have an excess of energy from renewable sources of 0.5 percentage points above the level shown in the indicative trajectory (Part B of Annex I to Directive 2009/28/EC). The highest excess values are forecast for the years 2014, 2016 and 2018 (more than 1.6 percentage points in each case).

The values shown in the table are based on current data and may be amended and updated in future reports issued pursuant to Directive 2009/28/EC.

- The above estimate of the excess forms the basis for the estimated potential for possible joint projects in the period up to 2020.

(b) The estimated demand for energy from renewable sources to be satisfied by means other than domestic production until 2020.

Poland does not foresee any need to use renewable energy from abroad in order to meet its target for the share of renewable energy in the final consumption of energy in 2020 (its own production potential being sufficient to meet that target).