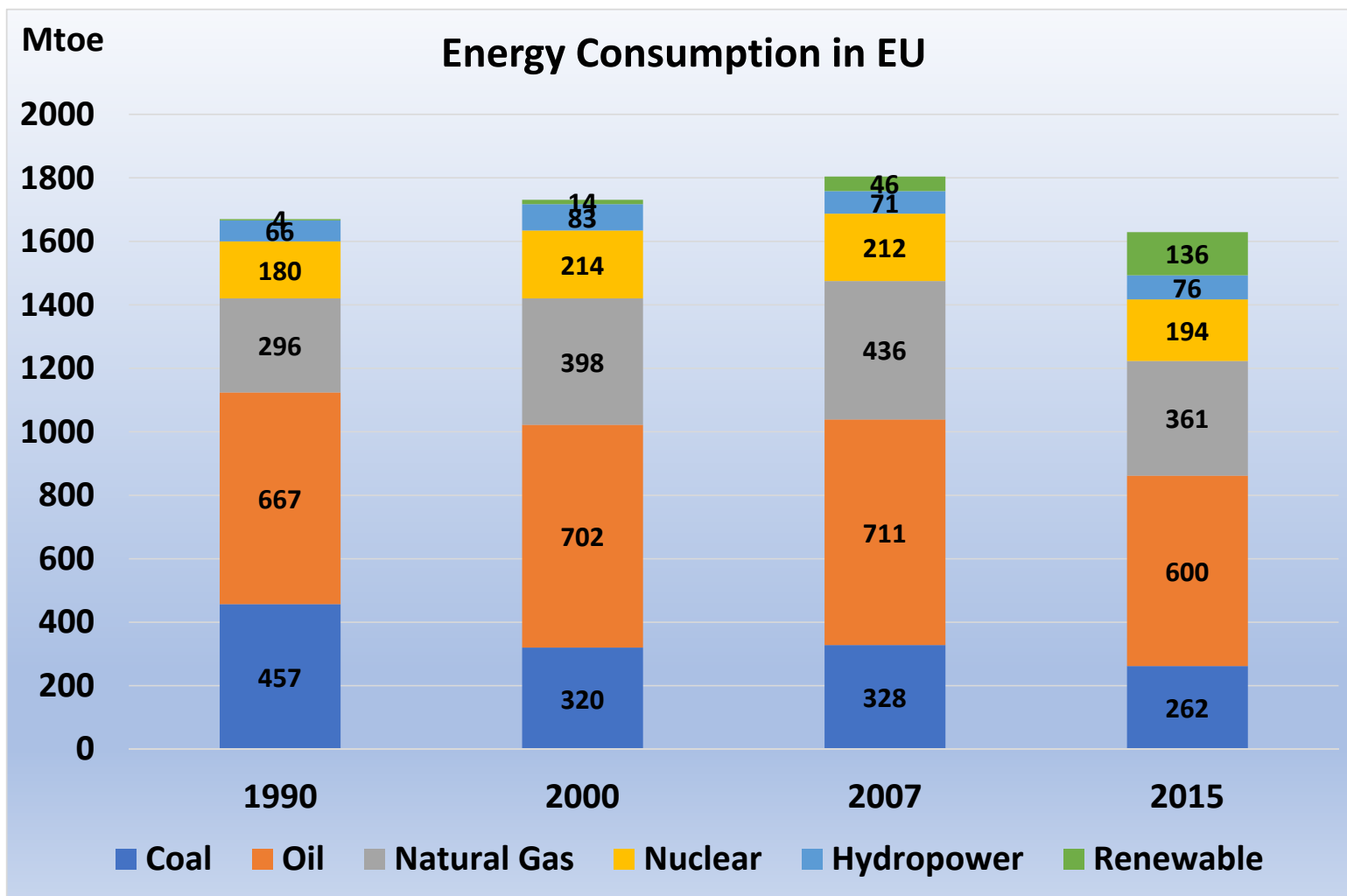
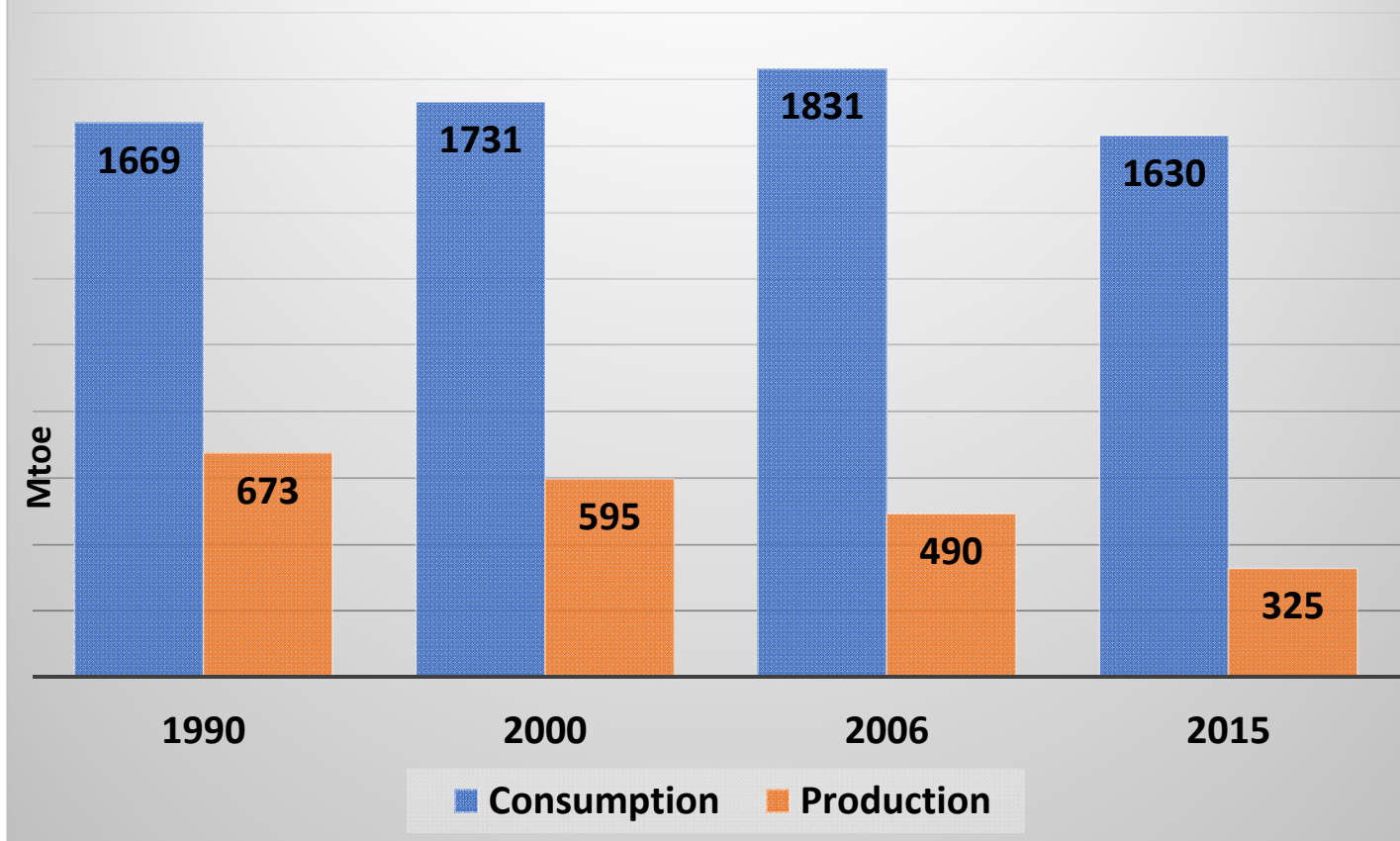


THE EUROPEAN ENERGY POLICY ON
RENEWABLE SOURCES AND ITS
CONSEQUENCES ON MEMBER STATES



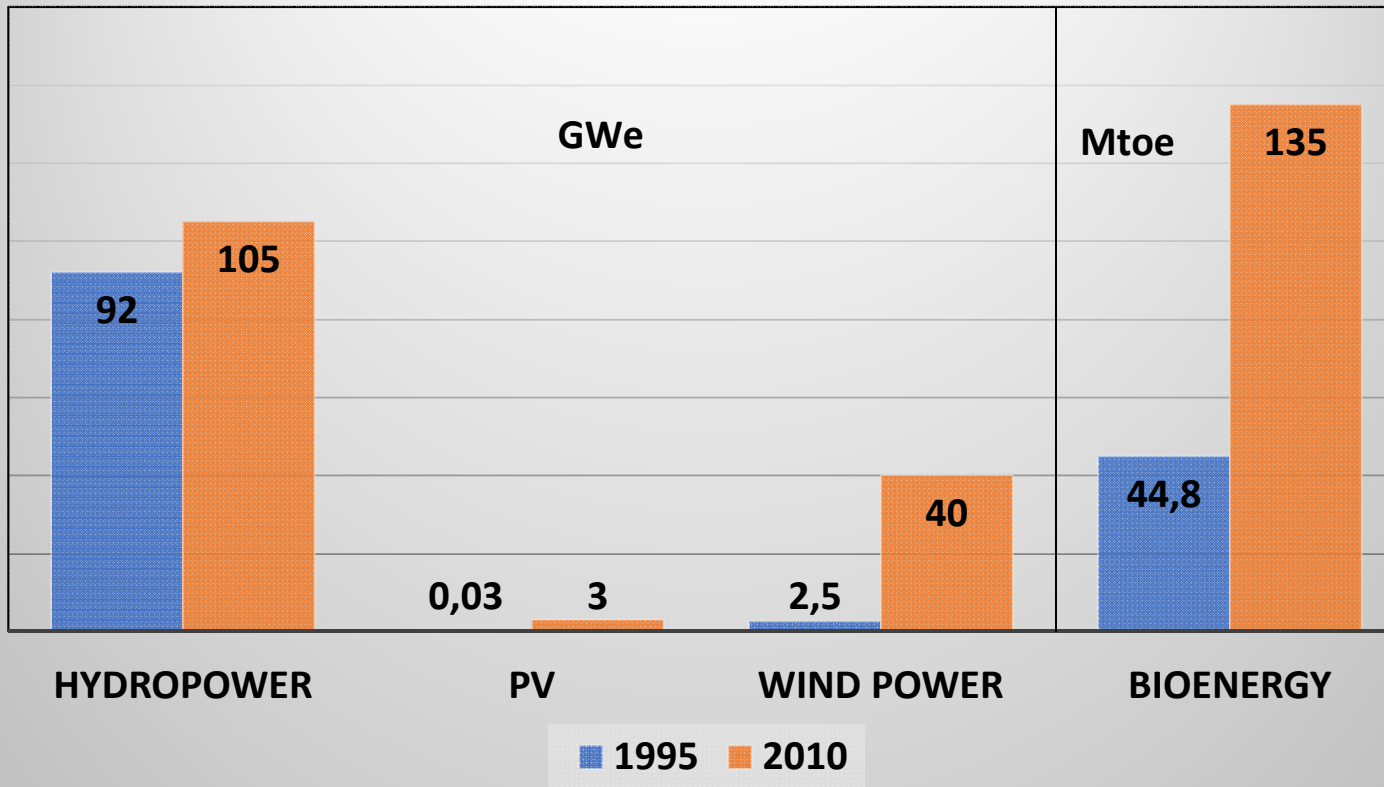
Source: *BP Statistical Review of World Energy 2016*

Production and consumption of fossil energy sources in EU

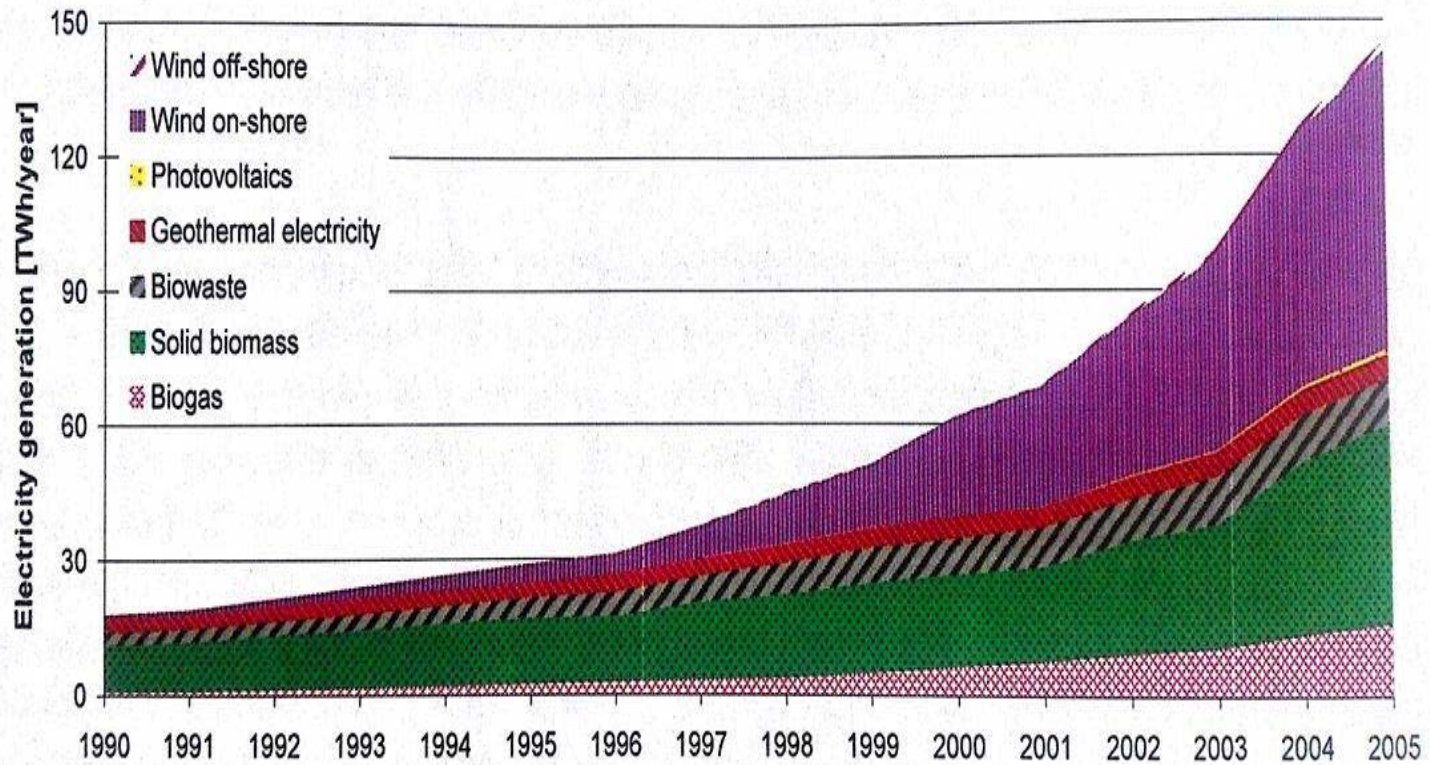


Source: *BP Statistical Review of World Energy 2016*

Renewable Energy Sources (RES) in EU

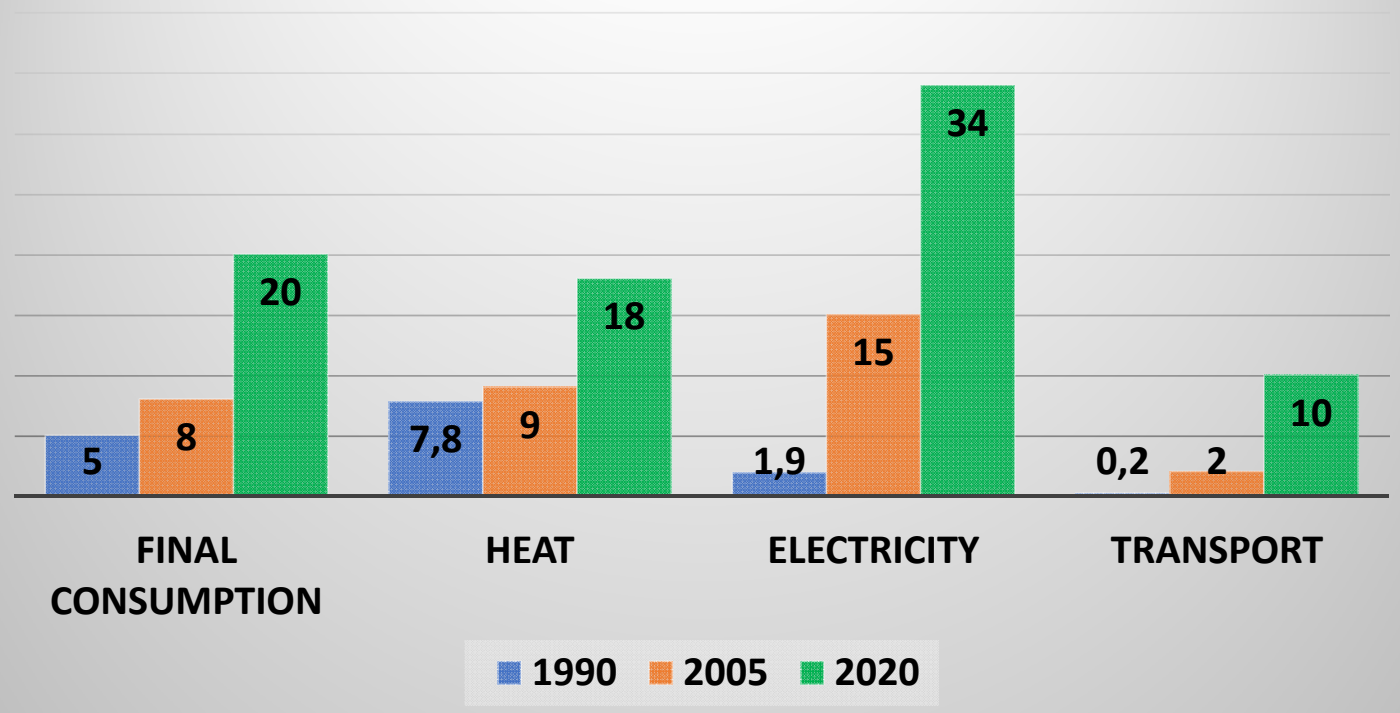


Source: *Attachment II, White Paper - 1997*



Source: 2006/848 EC.
RES contribution in the electricity production. EU-25 (1990-2005).

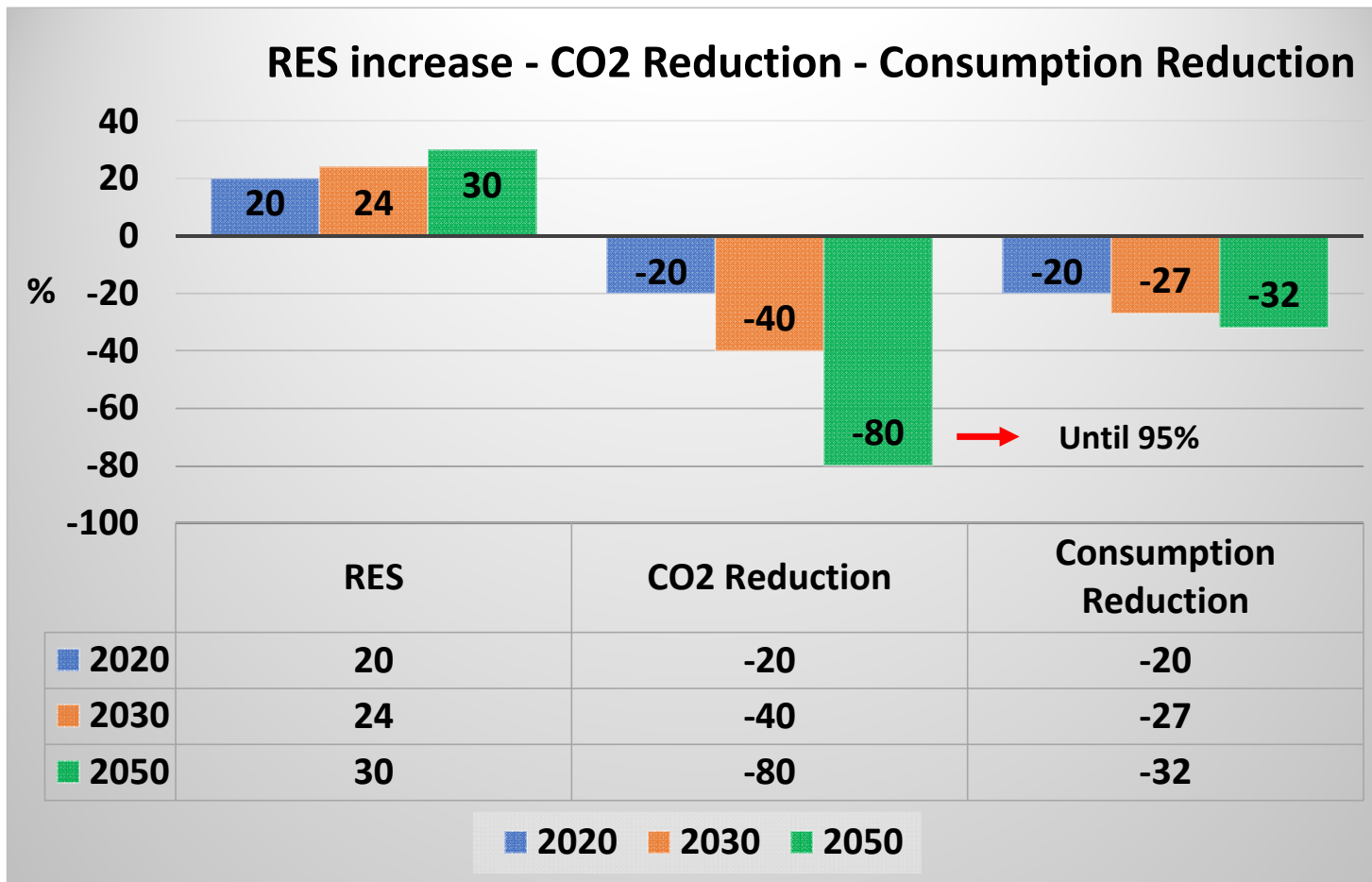
RES by sector %



Source: 2006/848 EC

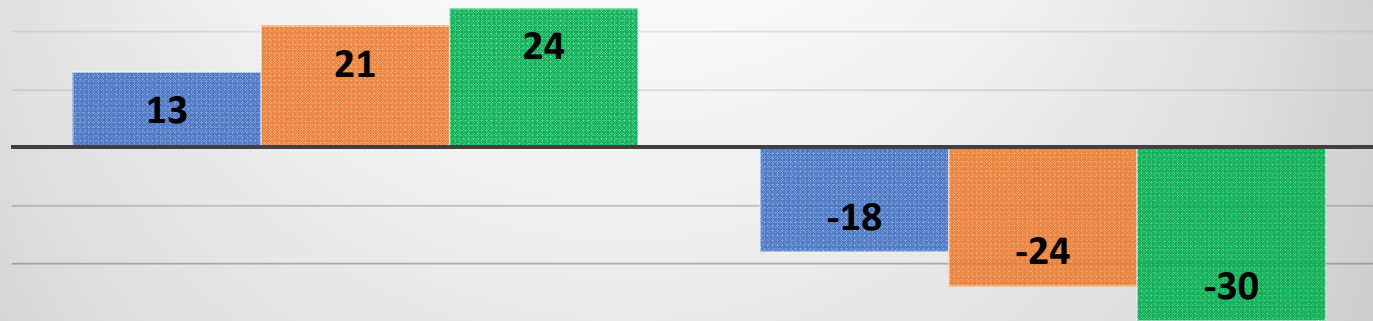
RES percentage on final energy consumption	Percentage - 2005	Target - 2020
EU	9%	20%
Finland	28,5%	38%
France	10,3%	23%
Germany	5,8%	18%
Italy	5,2%	17%
UK	1,3%	15%
Spain	8,7%	20%
Sweden	39,8%	49%

Source: *Directive 2009/28*



Source: 2011/885 EC
The 2020 goals are binding. The 2030 and 2050 goals are guidelines.

Results and targets of CO2 reduction and final RES consumption



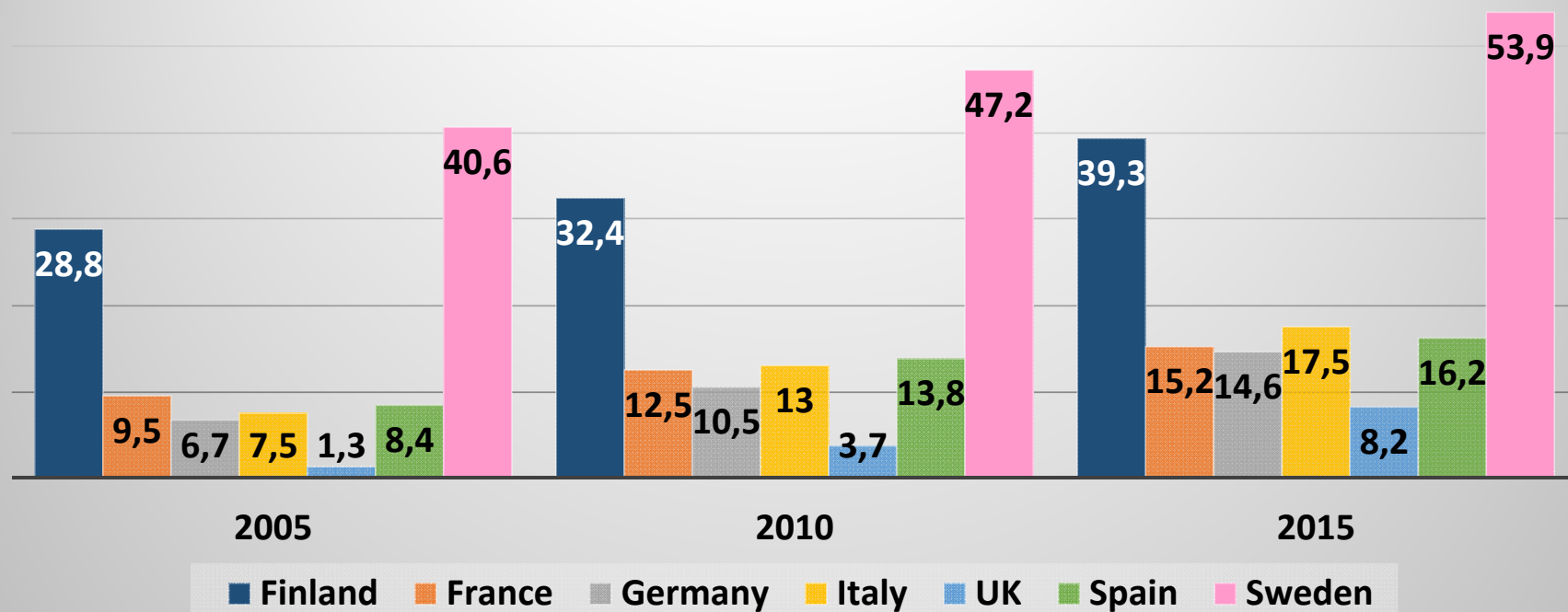
	RES Percentage	CO2 Reduction
■ 2012	13	-18
■ 2020	21	-24
■ 2030	24	-30

■ 2012 ■ 2020 ■ 2030

Source: 2014/15 EC
CO₂ reduction is compared with 1990 levels

RES on final energy consumption

%

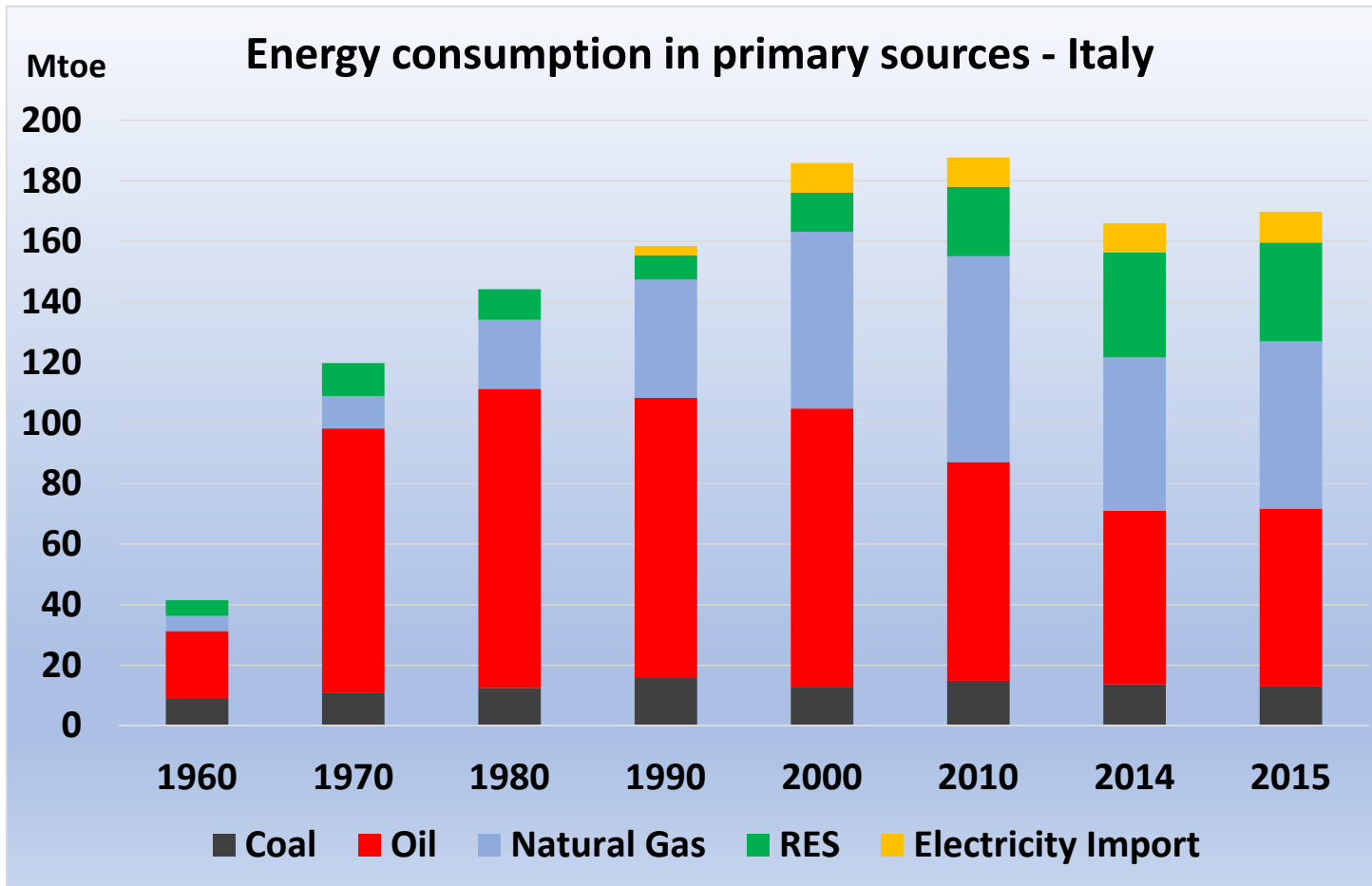


Source: Eurostat

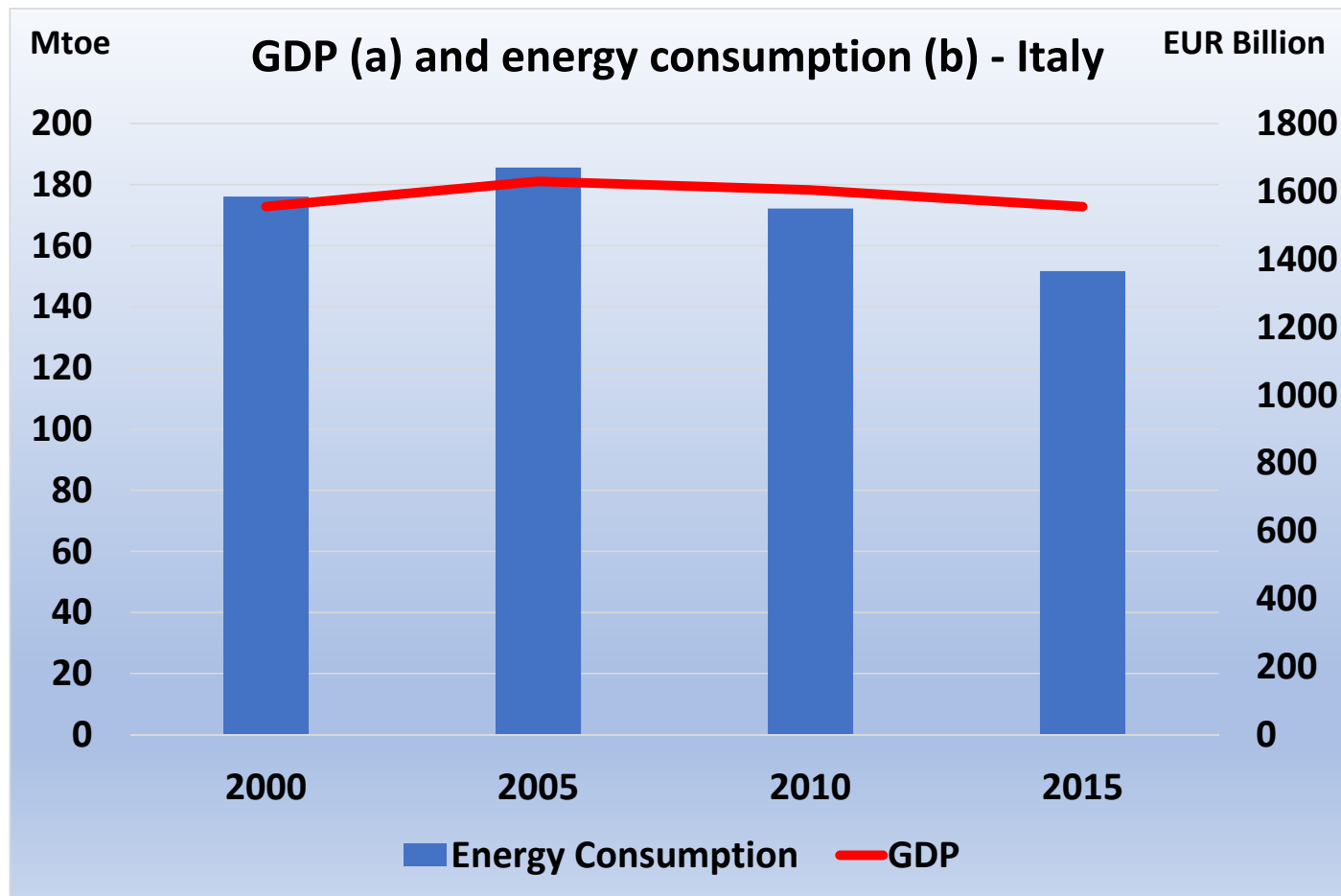
Comparison between the present situation and the 2020 targets for each State.

	2015	2020 target
Finland	39,3%	38%
France	15,2%	23%
Germany	14,6%	18%
Italy	17,5%	17%
UK	8,2%	15%
Spain	16,2%	20%
Sweden	53,9%	49%
EU	16,7%	20%

Source: *Eurostat*

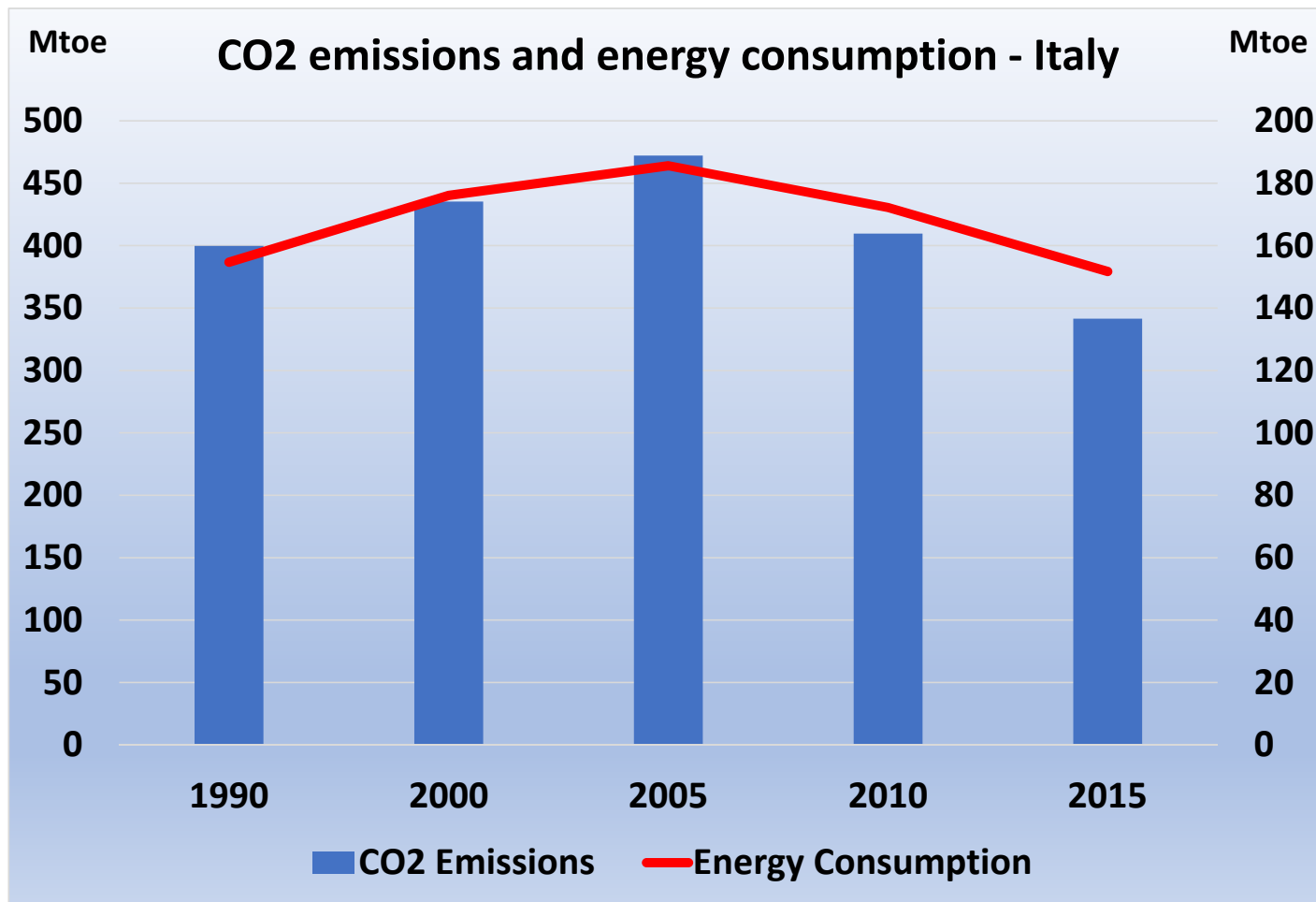


*Source: Ministero dello Sviluppo Economico
(Italian Ministry for Economic Development)*

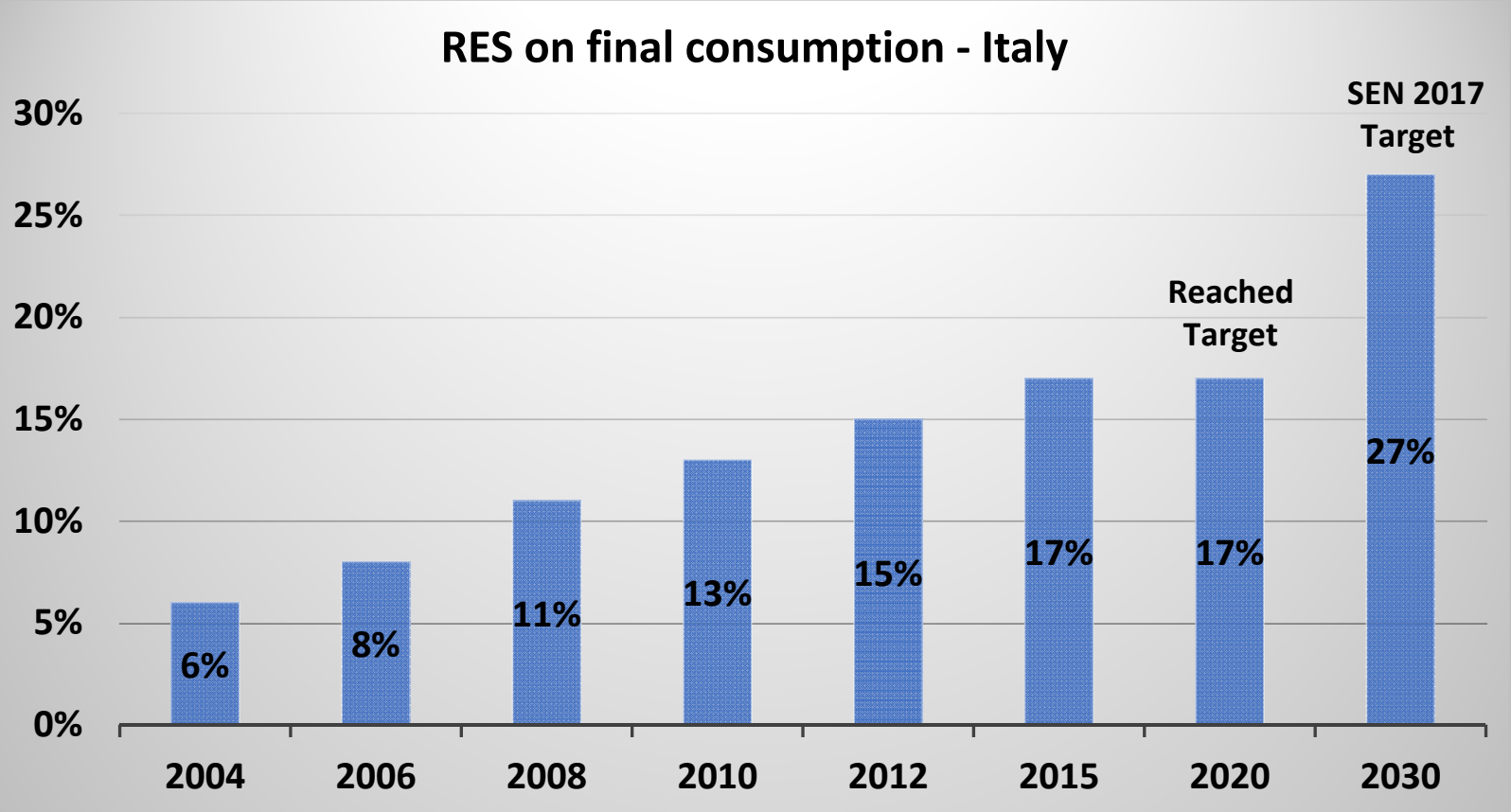


Source: *Istat* (GDP related in 2010 Euros)

Source: *BP Statistical Review of World Energy 2016*

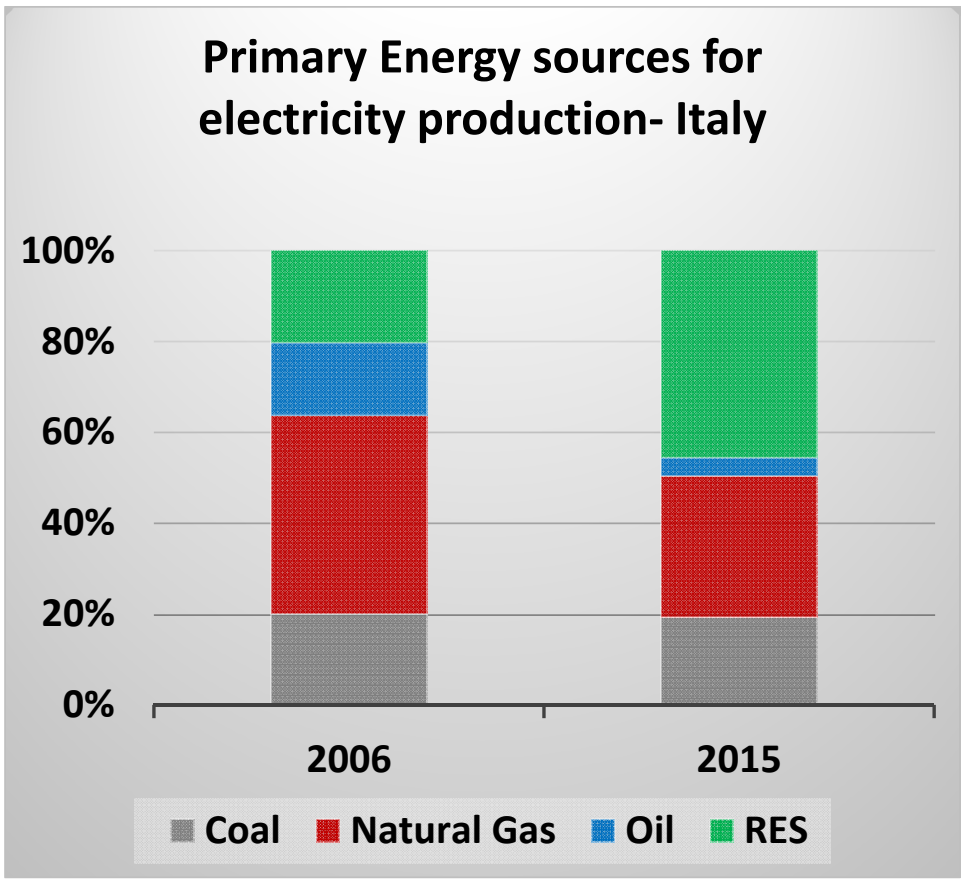
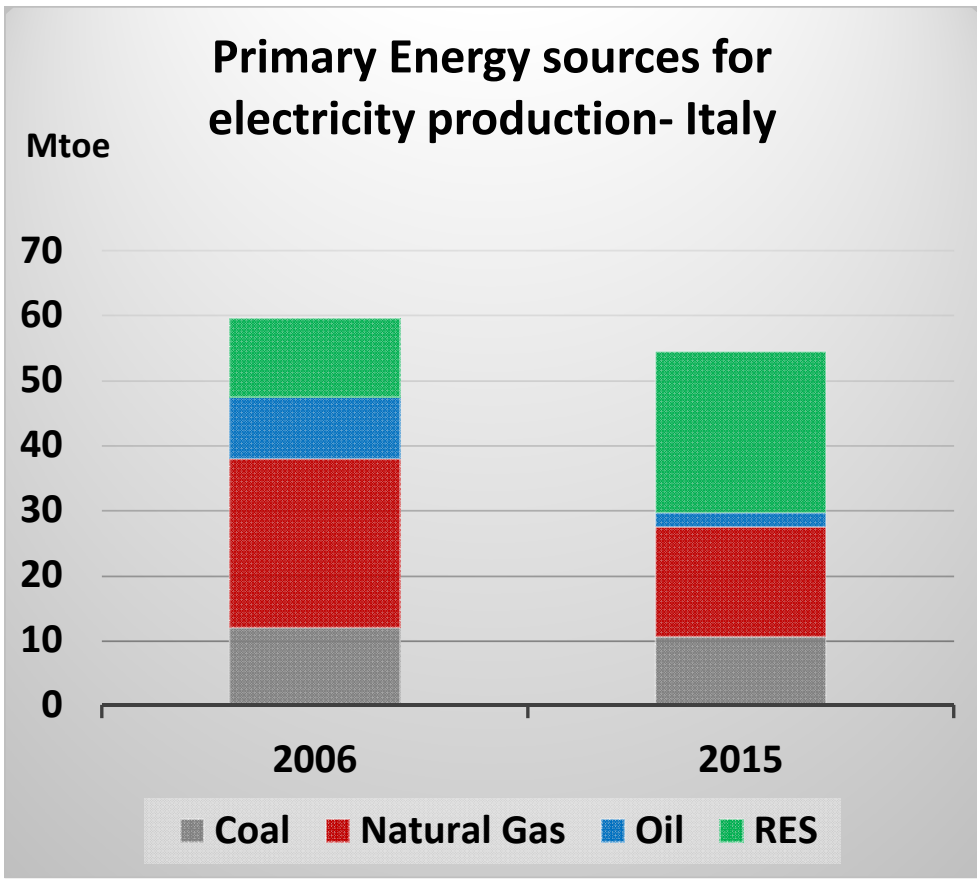


Source: *BP Statistical Review of World Energy 2016*



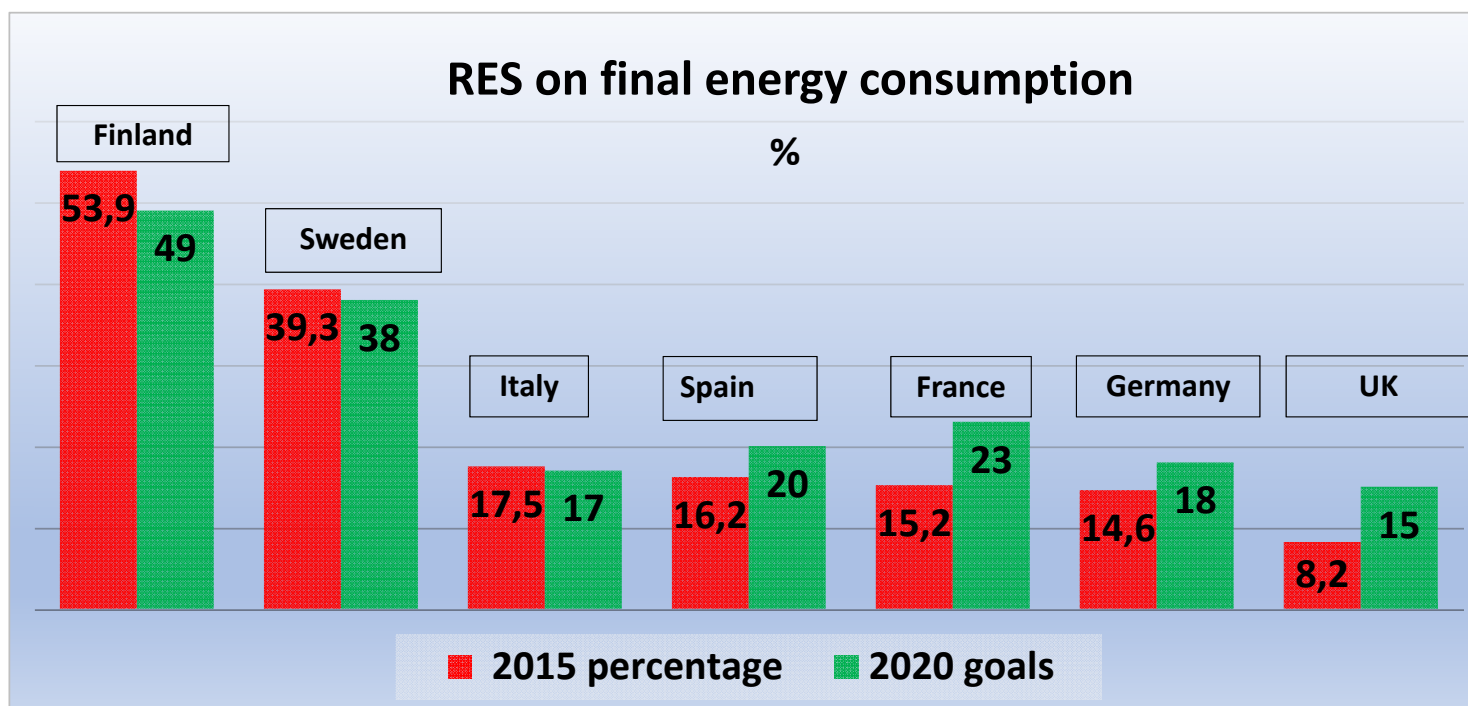
*SEN: Strategia Energetica Nazionale
(National Energy Strategy)*

Source: Eurostat



Source: *Ministero Sviluppo Economico*
(Italian Ministry for Economic Development)

- **Sweden and Finland:** important results that highly exceeded the 2020 targets
- **Italy:** already reached the target but with negative effects
- **Spain:** probably will achieve the 2020 target
- **France, Germany and UK:** are not likely to achieve the 2020 targets



Source: Eurostat

THE
END