

# EUROPE 2020 Report on Climate Change & Energy

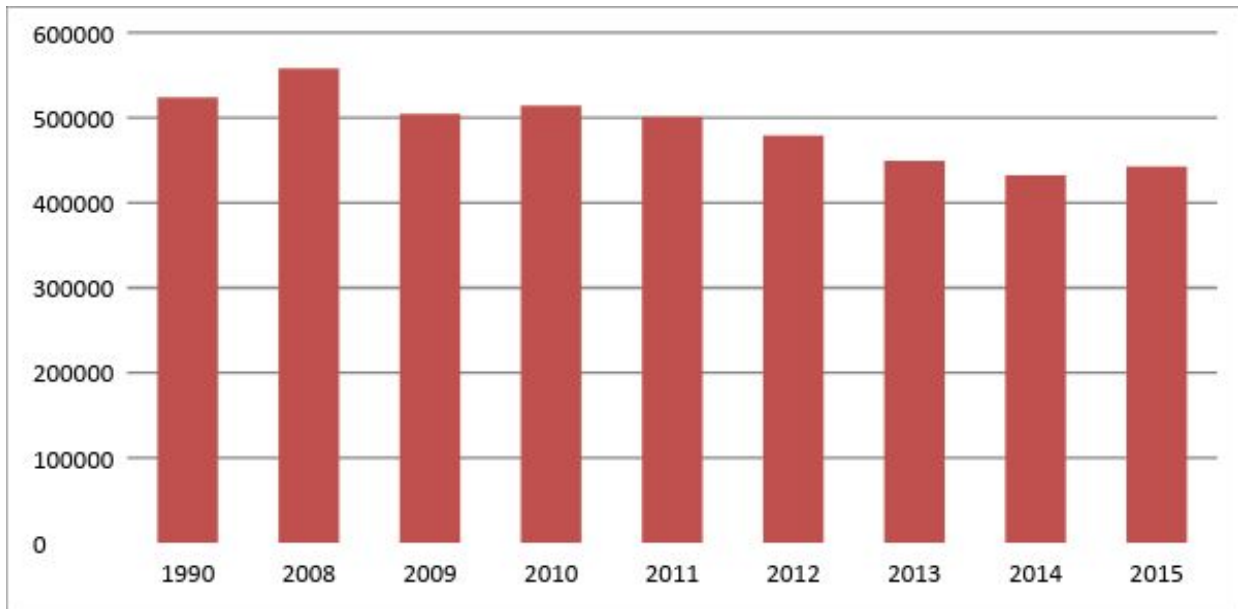
in ITALY - May 2018



# Greenhouse Gas Emissions in **ITALY**

From **1990** to **2015**

Unit: **Thousand Tonnes**



The graphic shows both the growth and the drop of Greenhouse Gas Emissions from 1990 to 2015 in Italy.

The emissions increased considerably until 2008 but then started decreasing in the right way.

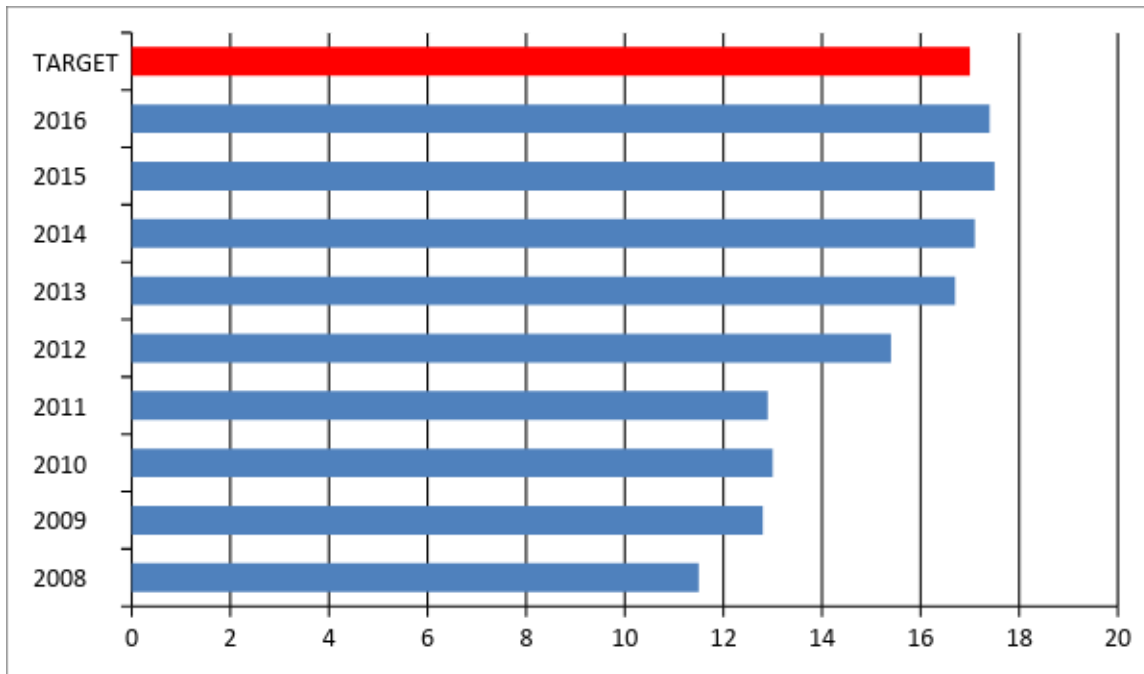
In 2010 Europe started a project called "Europe 2020" in which it has been established a target concerning GHG EMISSIONS.

The goal EU MEMBERS want to reach is to reduce by 20% these emissions; according to the statistics up to 2015 Italy hadn't achieved the target yet.

In order to accomplish its task Italy should lower its GHG emissions to around 400'000 thousand tonnes by 2020

# Share of Renewable Energy in Gross Final Energy Consumption in ITALY

Unit: PERCENTAGE (%)



**This is the chart regarding the increase of the renewable energy share in ITALY from 2008 to 2016.**

In Italy in 2008 the percentage was 11.50 while in 2016 it was 17.40 so we had a meaningful growth of renewable energy share.

There was a continuous growth between 2008 and 2013 when the percentage was 16.70.

In the last three years (2014 - 2015 - 2016) the "Europe 2020" target was reached and exceeded.

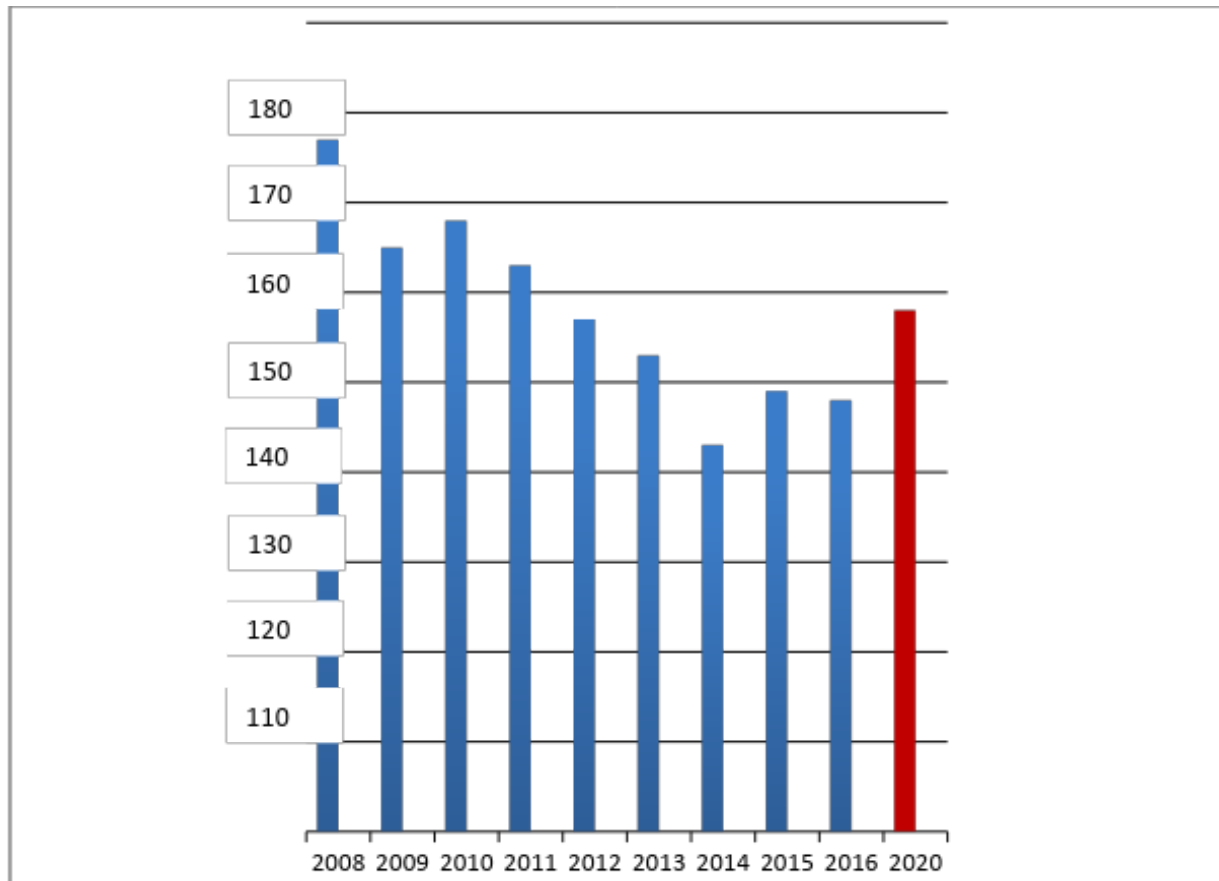
In 2014, 2015, 2016 the percentage was very stable, varying from 17.10- 17.50 to 17.40.

In 2008 the percentage was the lowest (11,50) and in 2015 it was the highest (17.50).

From 2011 onwards the percentage has always increased and this fact represents presently a very positive trend.

# Primary energy consumption in ITALY

(unit: million tonnes of oil equivalent)



This is the chart regarding **energy consumption in Italy between 2008-2016**.

The situation has improved over the years: in 2008 ITALY recorded its highest score and then, in 2009 the situation started improving because the score started decreasing and it has then generally kept this trend till today.

In 2010 energy consumption in Italy slightly increased again but from 2011 to 2014 it has always decreased.

In 2015 it increased again and finally, in 2016 it has started decreasing once more.

The **target** for ITALY was to reduce energy consumption to 158 million tonnes of oil equivalent and ITALY actually had already lowered its primary energy consumption rate below that by 2012.

# Climate Change and Energy Targets – Europe 2020

Unit: thousand tonnes

Geo: Italy

THEME/YEARS	1990	2008	2015/2016	2020 TARGET
Greenhouse Gasses Emissions	524.115,28	557.990,27	442.777,62 (-19.5%)	310.099,30 (-13%)
Renewable Energy		11,50%	17,40%	17%
Energy Intensity		177,40	148,40	158

This table shows that Italy achieved a 19.5 % reduction in **GHG Emissions** exceeding its national target by 6.5% (19.5%-13.0%=6.5%).

Regarding **Renewable Energy** and **Energy Intensity** the country had also already surpassed the national target both in 2015 and 2016 (the table shows only the 2016 data) (Source: Eurostat)

