

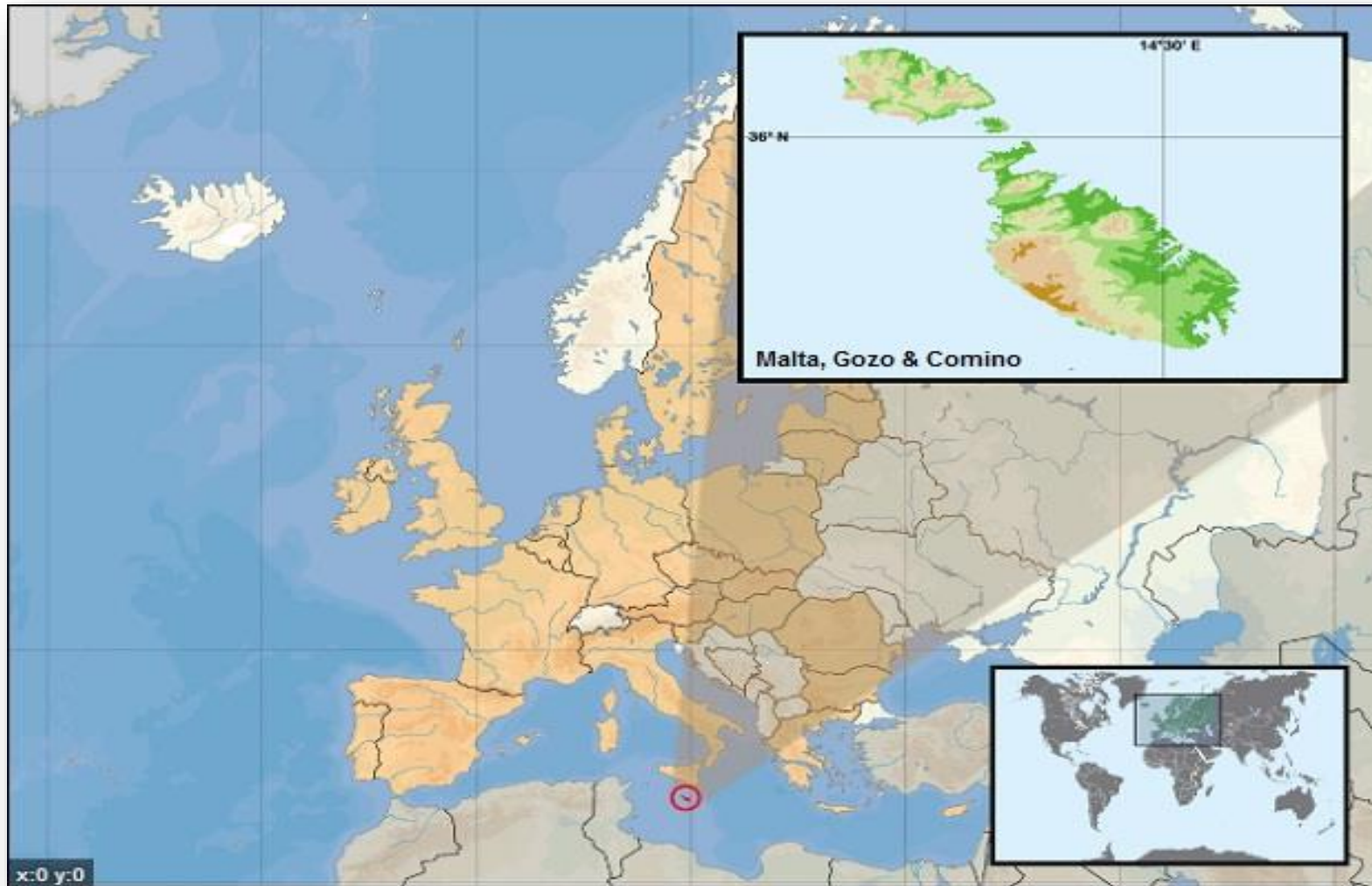


Republic of Malta

Ministry for Sustainable Development,
the Environment and Climate Change

Multilateral Assessment - SBI 42, June 2015 - Bonn

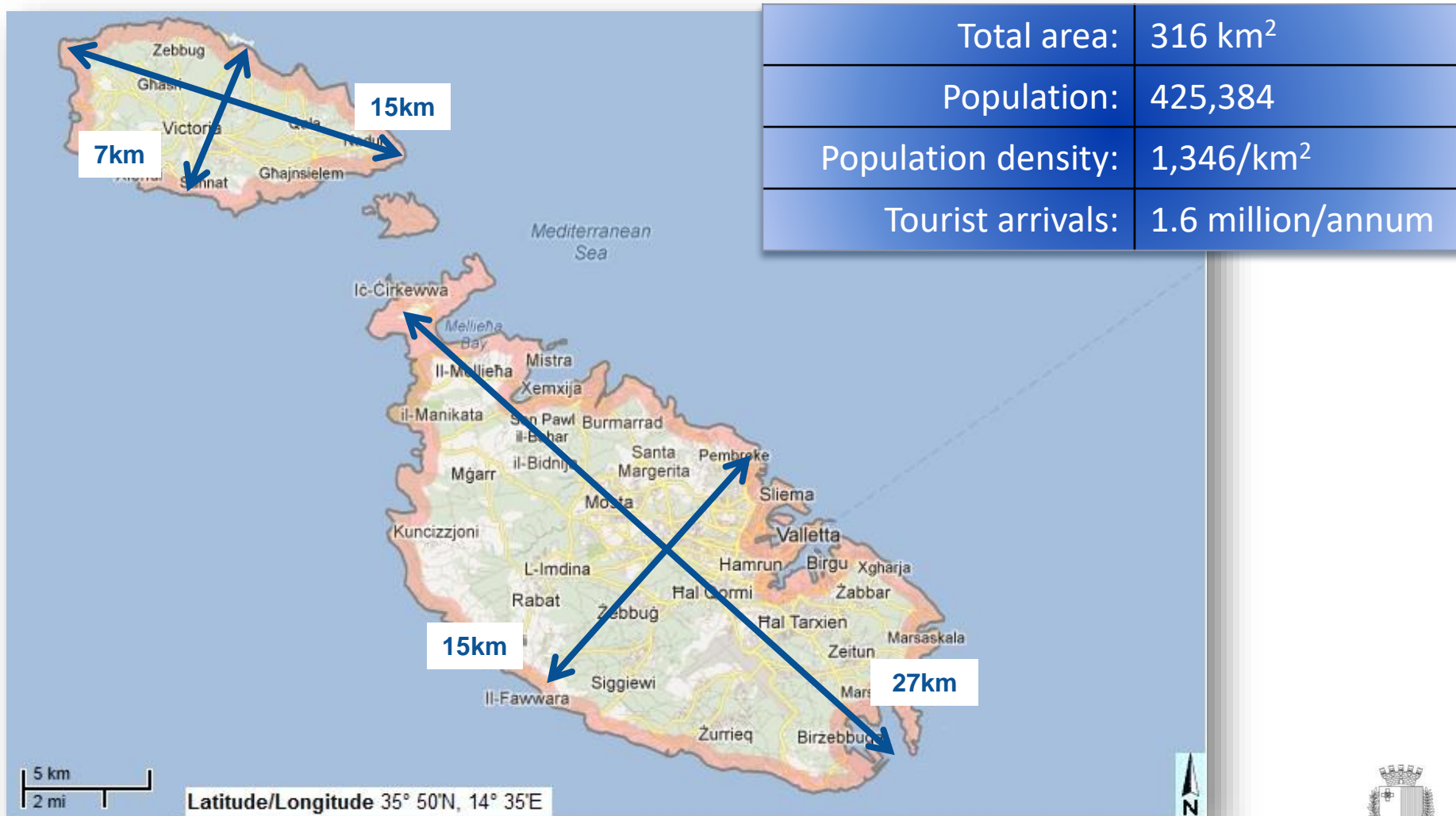
National Circumstances (1)



Picture Source; <http://maltaproperty.com.mt/where-is-malta/>



National Circumstances (2)



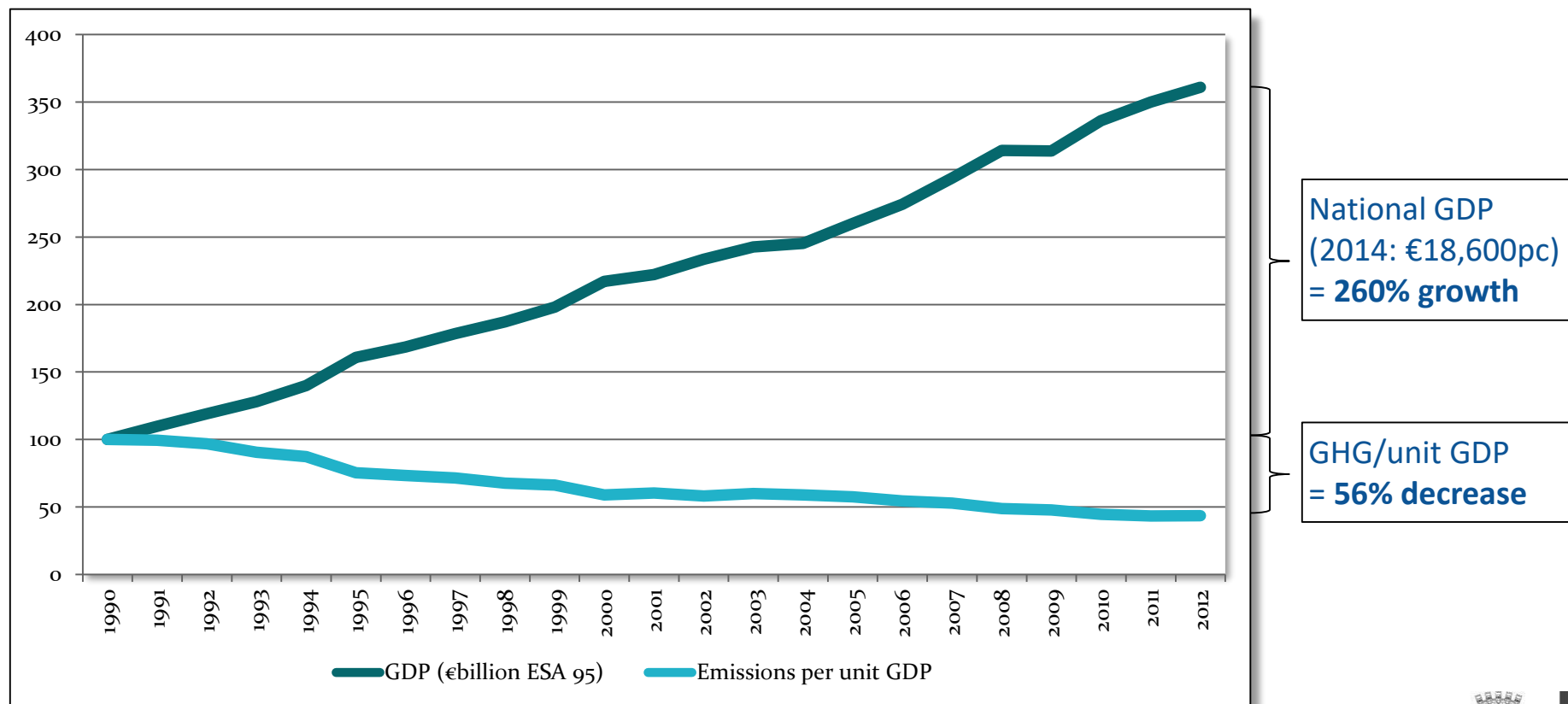
National Circumstances (3)

- Geographical situation:
 - small island state;
 - isolated in the middle of the Mediterranean Sea;
 - transport of goods and passengers to and from the island can only be realised through aviation and maritime services.
- Energy sources:
 - Dependent on oil and gas imports;
 - Electricity imports through interconnection with Europe.
- Spatial constraints and unfavourable economies of scale are limiting factors:
 - Limited potential for RES due to size and extent of built up area;
 - Projects usually have to be 'small-scale' – issues with financial/economic feasibility.
- Major impact on population and resources (including energy, mobility): tourism (important contributor to GDP) and immigration.



National Circumstances (4)

- decoupling of economic growth from emissions intensity



National Circumstances (5)

- trends in per capita emissions



Source: EEA's proxy GHG emissions based on the 2013 EU greenhouse gas inventory to UNFCCC for 1990-2011 and proxy estimates for 2012 (total GHG emissions without LULUCF). Population data from Eurostat, Population on 1 January by age and sex (demo_pjan)

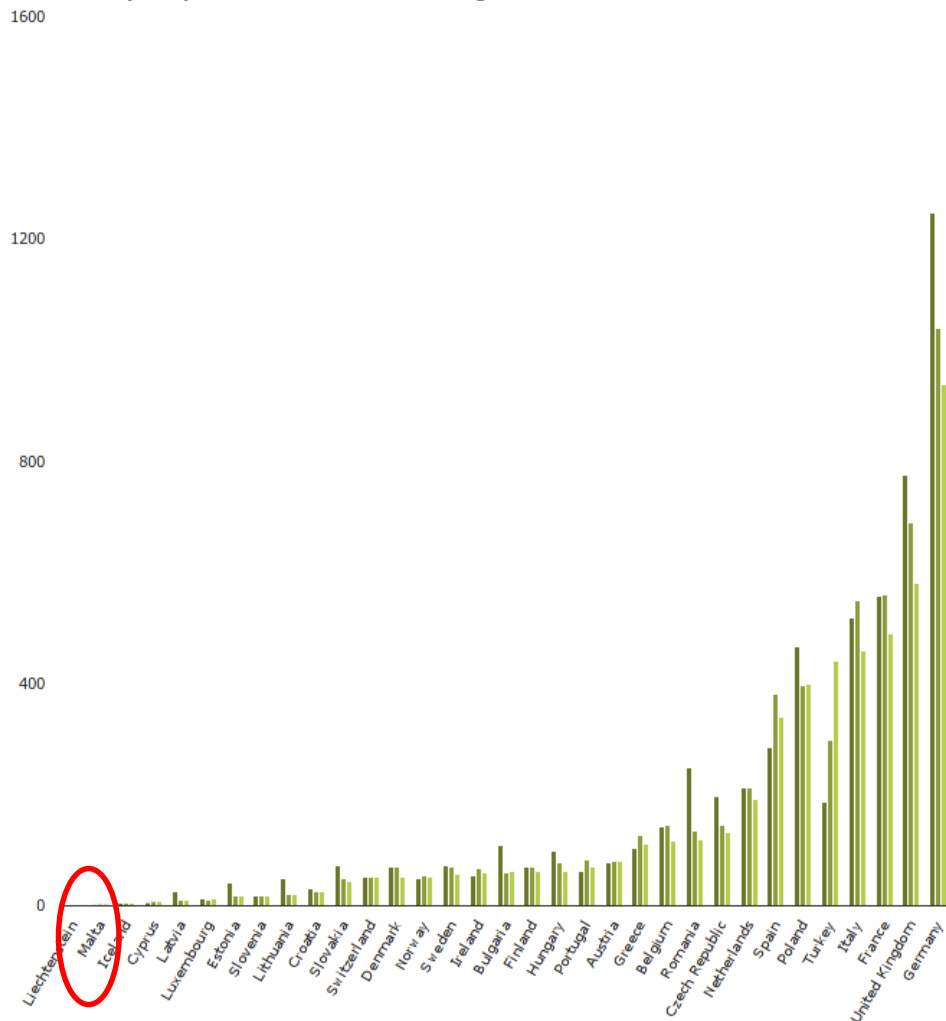
Malta's GHGs/capita in **2012** stood at **7.5 t CO₂ eq/cap**.

Latest approximated inventory indicates that for **2013**, GHGs/capita have gone down to **6.4 t CO₂ eq/cap**.



National Circumstances (6)

Country comparison - Total — Greenhouse gas emissions



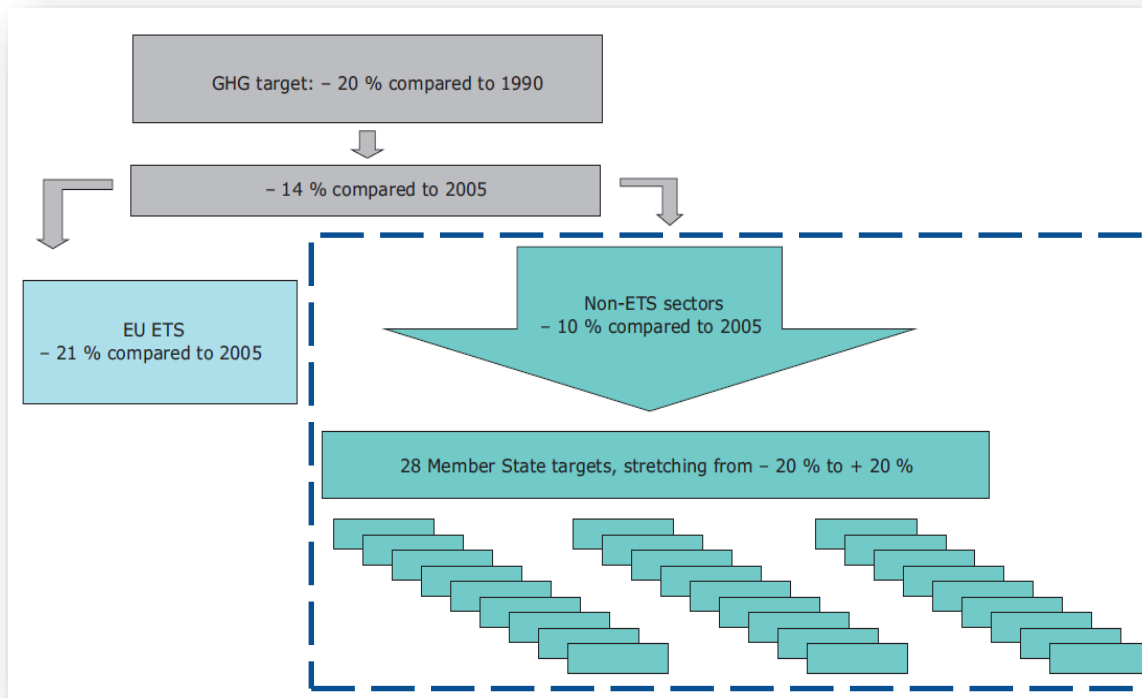
Malta	EU-28
2.7 Mt CO ₂ eq.	4 464.2 Mt CO ₂ eq.

- Malta's GHG emissions are :
- 0.06% of the total EU emissions (2013 figures);
 - 0.01% of total Annex I emissions (2012 figures).

EU's commitment

Pledge under the Convention for EU and its Member States:

- Unconditional quantified economy-wide emission reduction target of 20% by 2020, compared to 1990 levels;
- To be jointly fulfilled by the EU and its Member States.

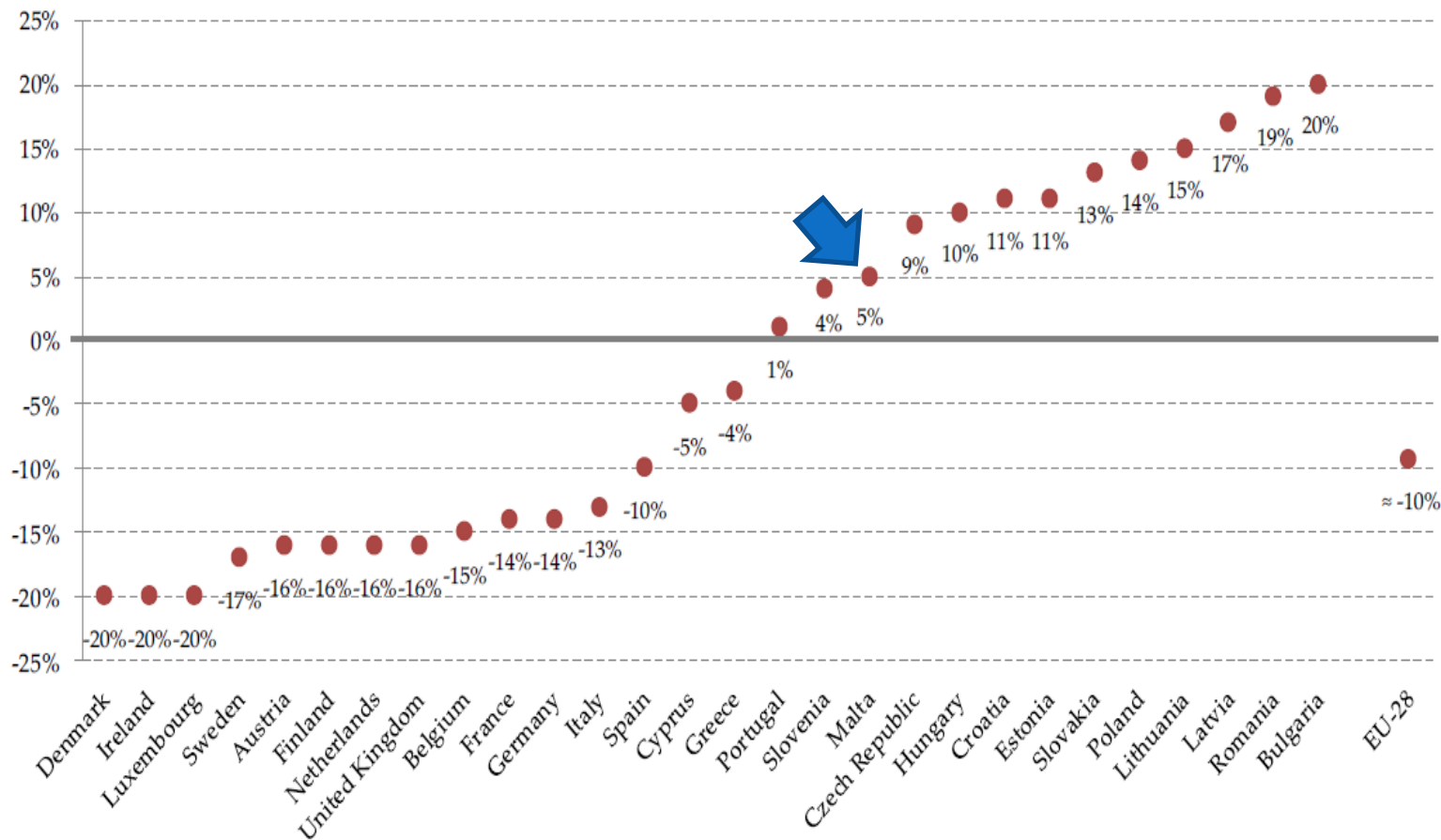


The 2020 Climate and Energy Package:
for non-ETS emissions, the overall reduction effort is distributed as individual quantified emission limitation/reduction targets for Member States.



Malta's commitment – non-ETS

2020 Member States targets (as a % of 2005 emissions)



Malta's commitment – non-ETS

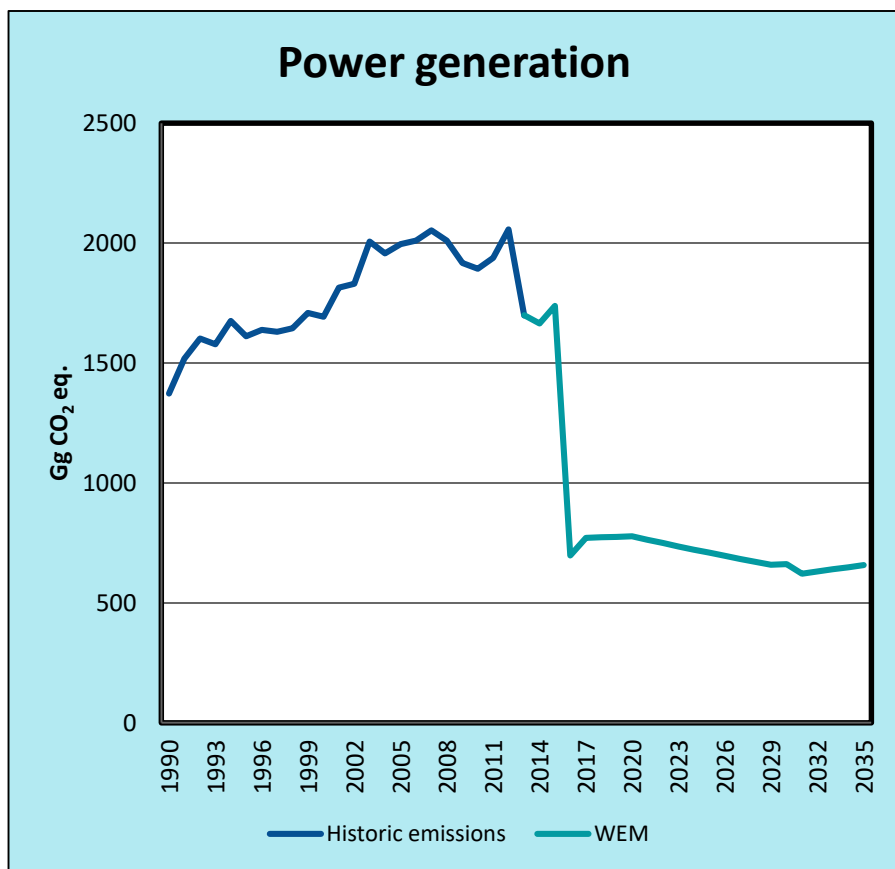
<i>Base Year</i>	2005
<i>Target Year</i>	2020
<i>Emission target</i>	+5%
<i>Gases covered</i>	CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆
<i>Global Warming Potential</i>	AR4
<i>Sectors covered</i>	Energy (excl. ETS), SOPS, Waste, Agriculture
<i>LULUCF</i>	Excluded

Emissions falling under the non-ETS target comprise 28% of Malta's total national GHG emissions.



Emission reduction activities

- ETS sectors



- EU ETS in Malta only covers electricity generation plants (and international aviation).
- Policies and Measures in electricity generation:
 - Installation of new and efficient energy generating capacity to replace inefficient plant;
 - Submarine electrical connection;
 - Supply of natural gas to fuel existing and future generating plants;
 - Energy Performance in Buildings Regulations;
 - Energy demand efficiency measures.



Emission reduction activities

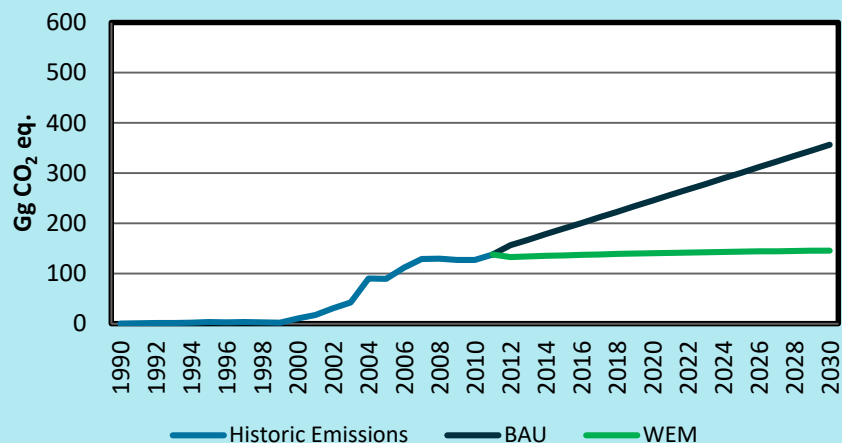
- non-ETS sectors

- Policies and Measures in non-ETS sectors:
 - Introduction of Autogas;
 - Promotion of the use of biodiesel;
 - Public transport reform and modal shift;
 - Promotion of the use of electric vehicles;
 - Modernisation of agricultural holdings;
 - Nitrates action programme;
 - Capping and extraction of gases from managed landfills;
 - Biological treatment plants;
 - Wastewater treatment plants.

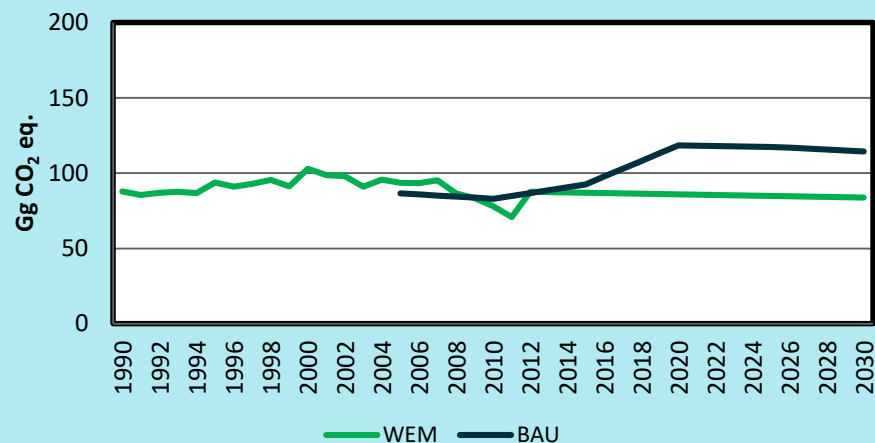


Progress towards non-ETS target (1)

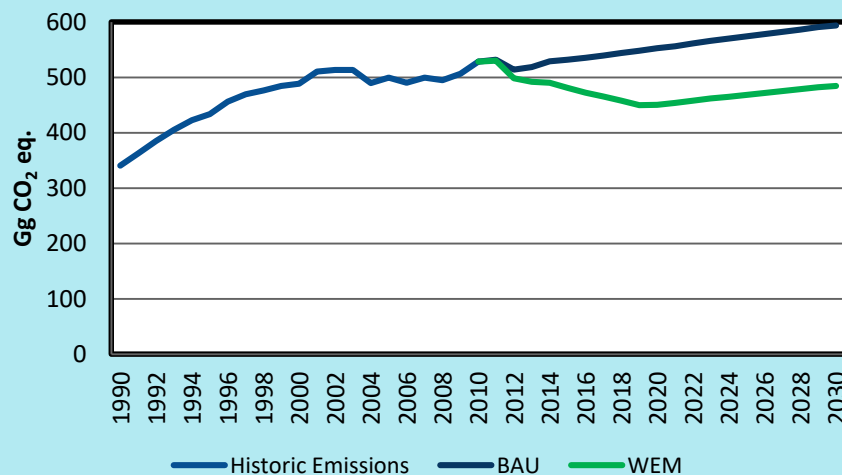
Industrial Processes



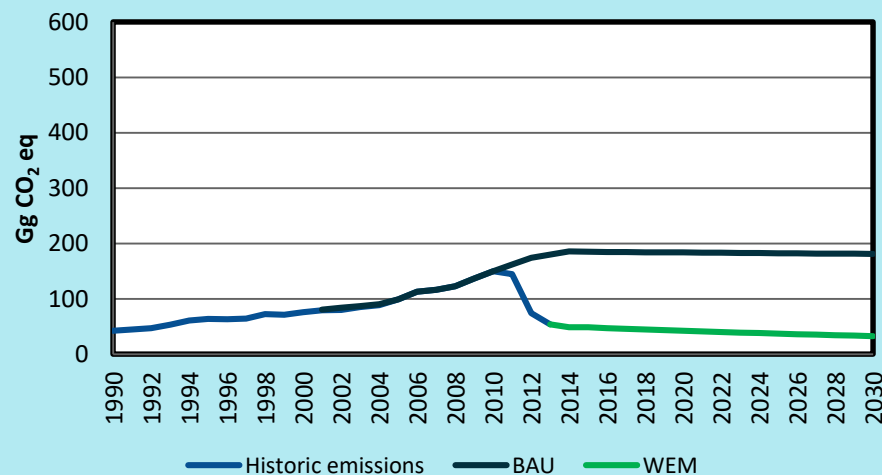
Agriculture



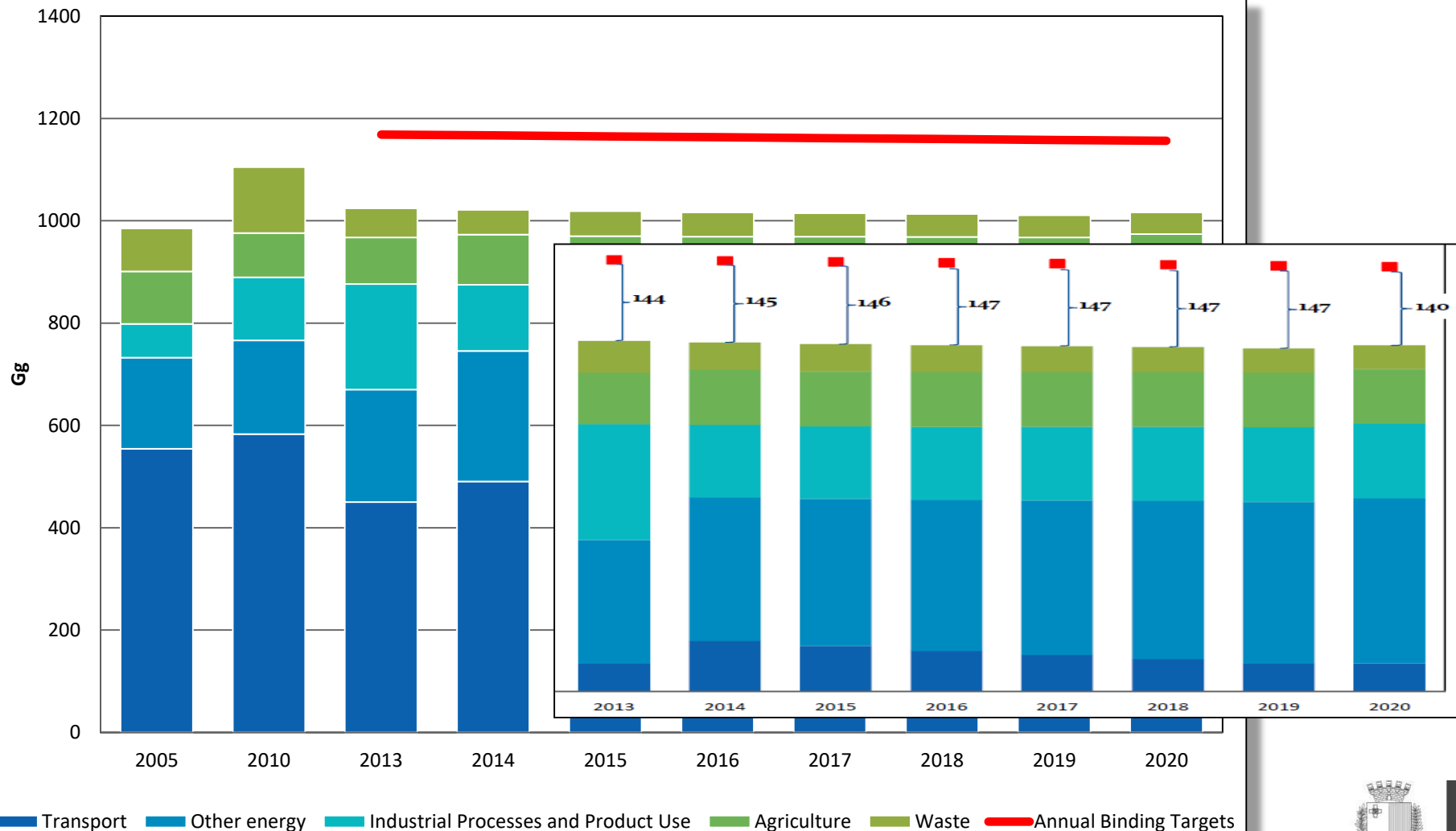
Road Transport



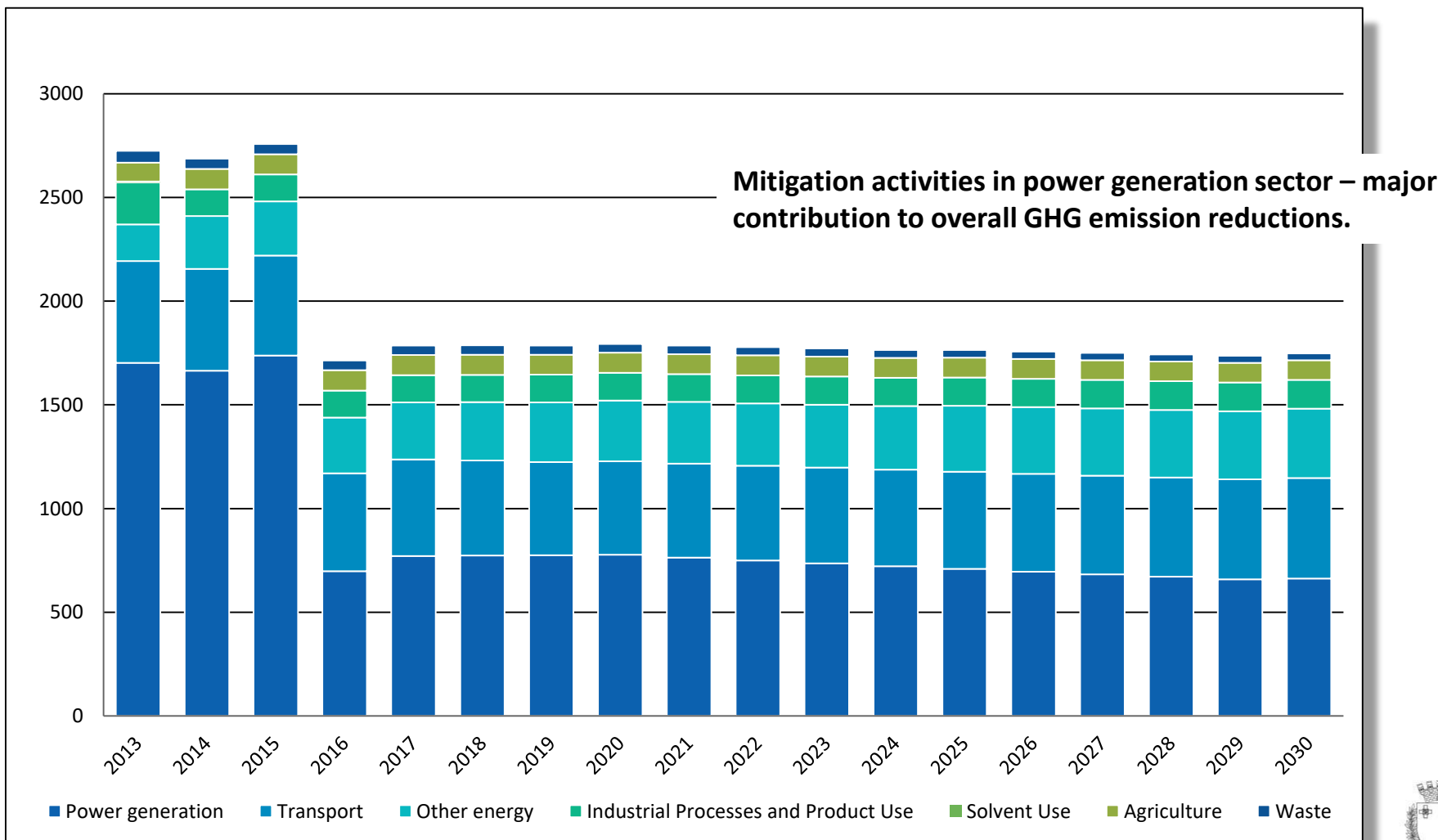
Waste



Progress towards non-ETS target (2)



Mitigation pathway to 2030





Thank you