

# MULTILATERAL ASSESSMENT - SPAIN

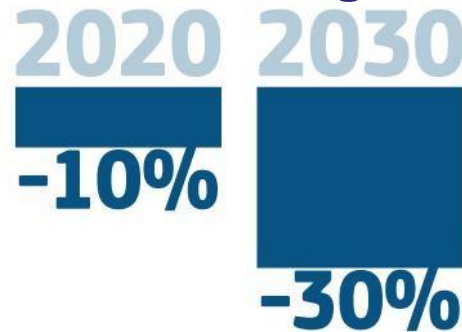


**Eduardo González Fernández**  
Deputy Director of Spanish Climate Change Office  
Ministry for Ecological Transition  
Bonn, 25th June 2019

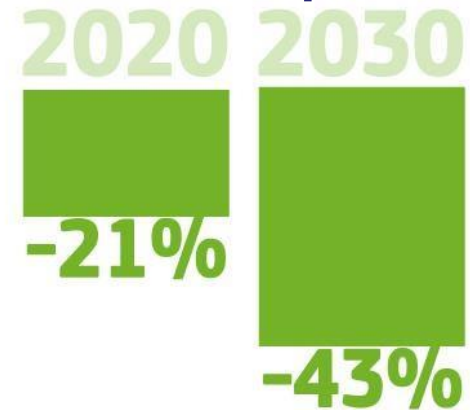


**EMISSION  
REDUCTIONS  
IN ETS AND  
NON-ETS**  
COMPARED TO 2005

**2020 EU target: -20% compared to 1990**  
**2030 EU target: at least -40% compared to 1990**



**NON  
ETS**  
INCLUDING  
ROAD TRANSPORT,  
HOUSING,  
AGRICULTURE  
etc.



**ETS**  
INCLUDING  
POWER/ENERGY  
SECTOR & INDUSTRY

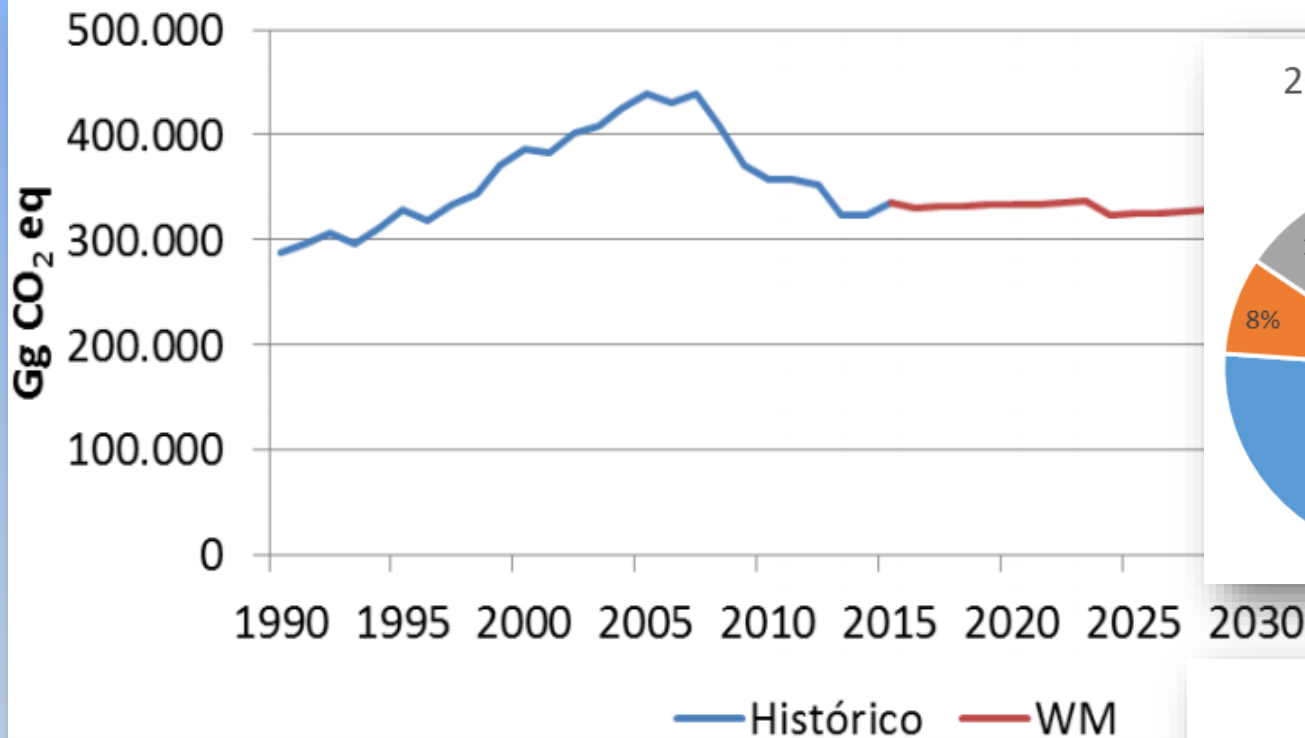


**Spain  
non ETS  
2020  
target  
-10%**

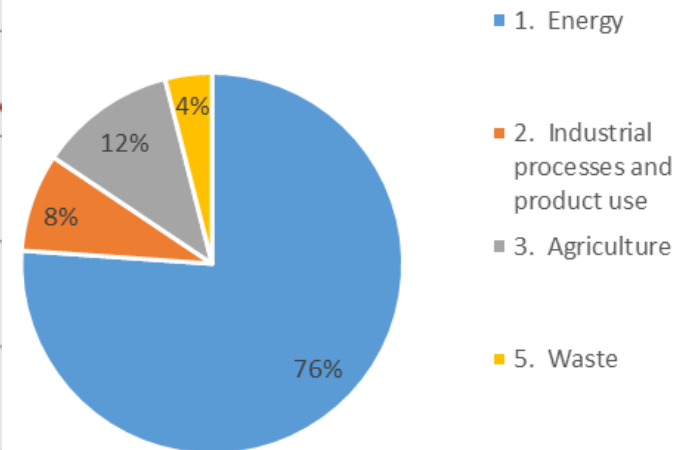
**Spain  
non ETS  
2030  
target  
-26%**

# GHG total emission & projections

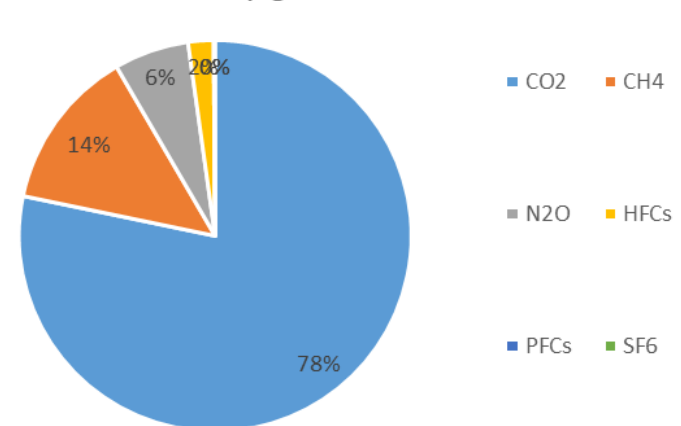
(7<sup>th</sup> National Communication and 3<sup>th</sup> Biennial report)



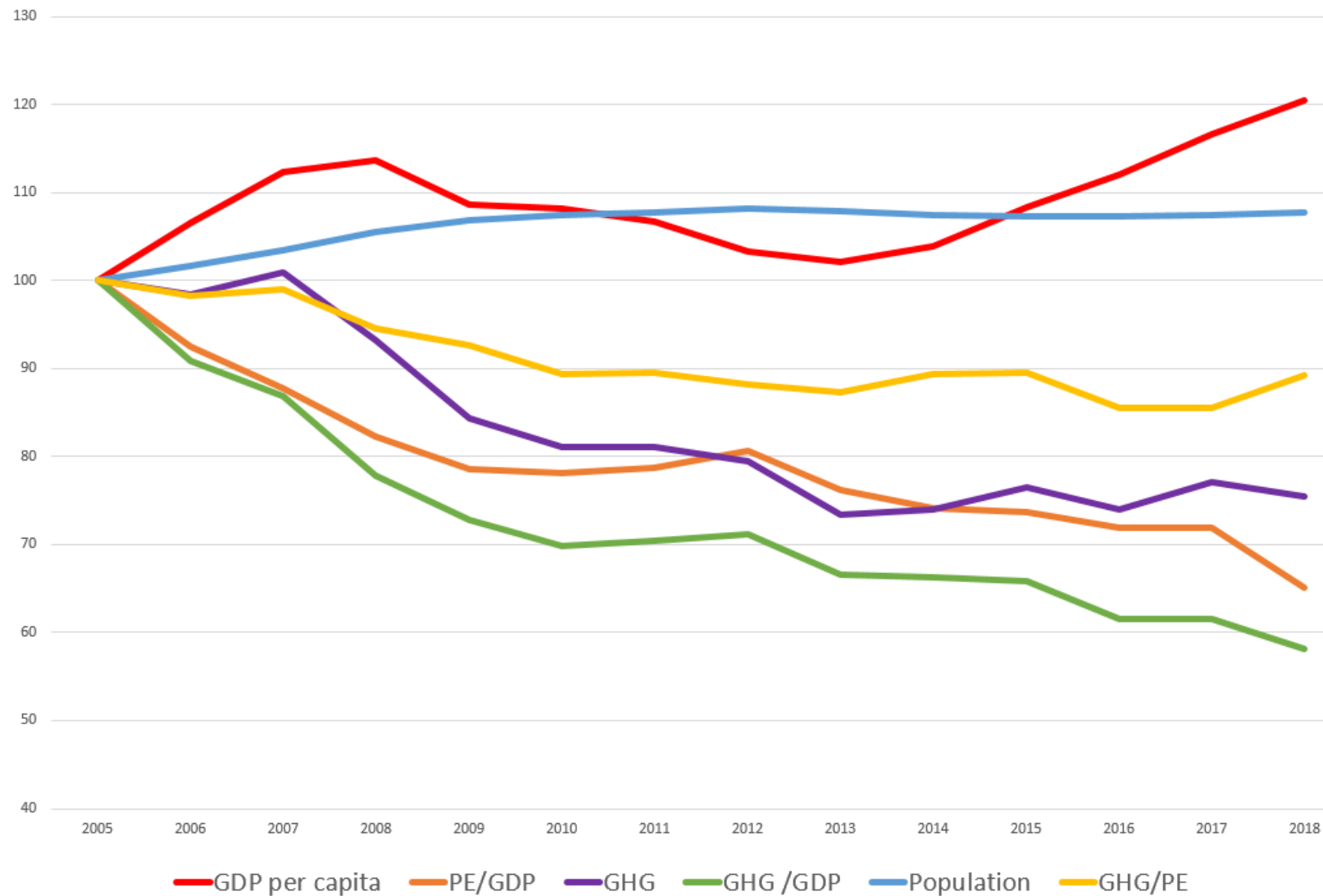
2017 by source



2017 by gas

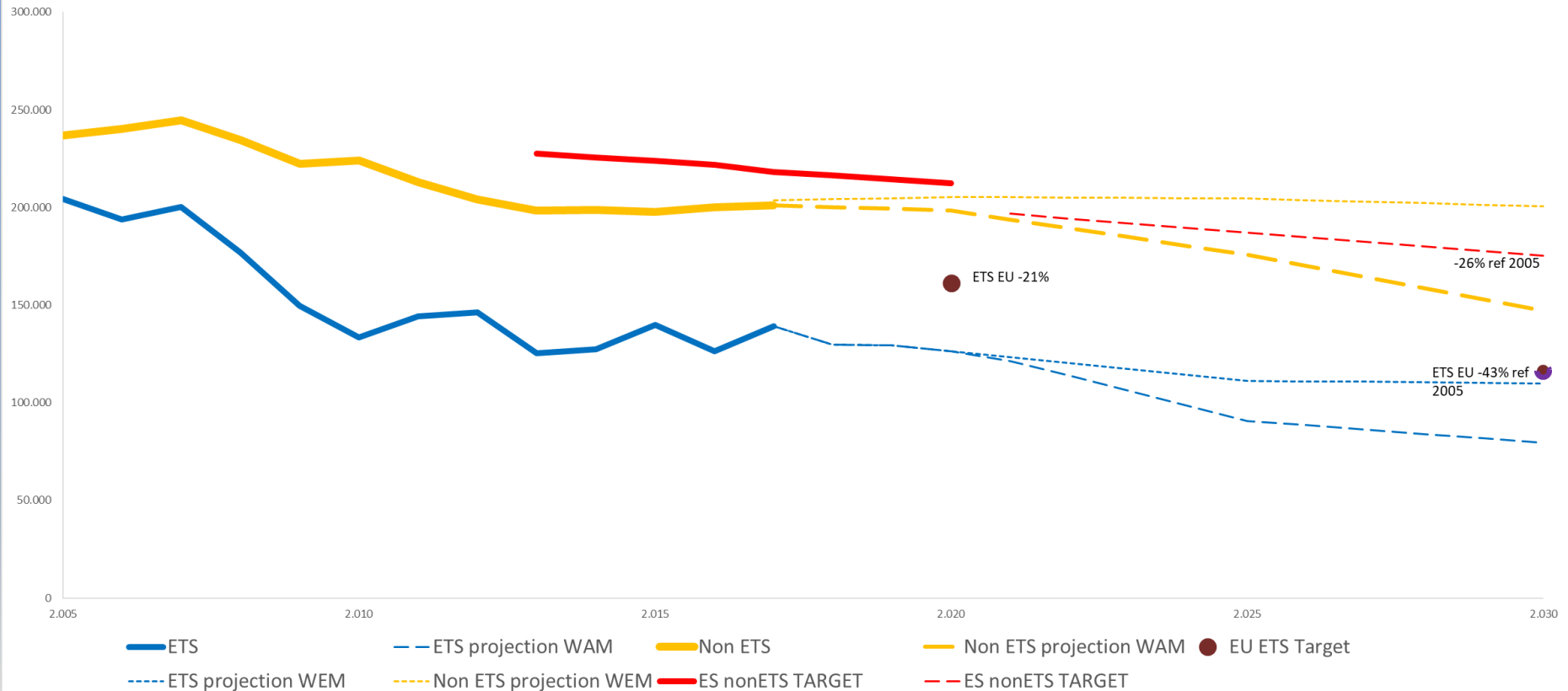


# GHG and main drivers evolution 2005 - 2018

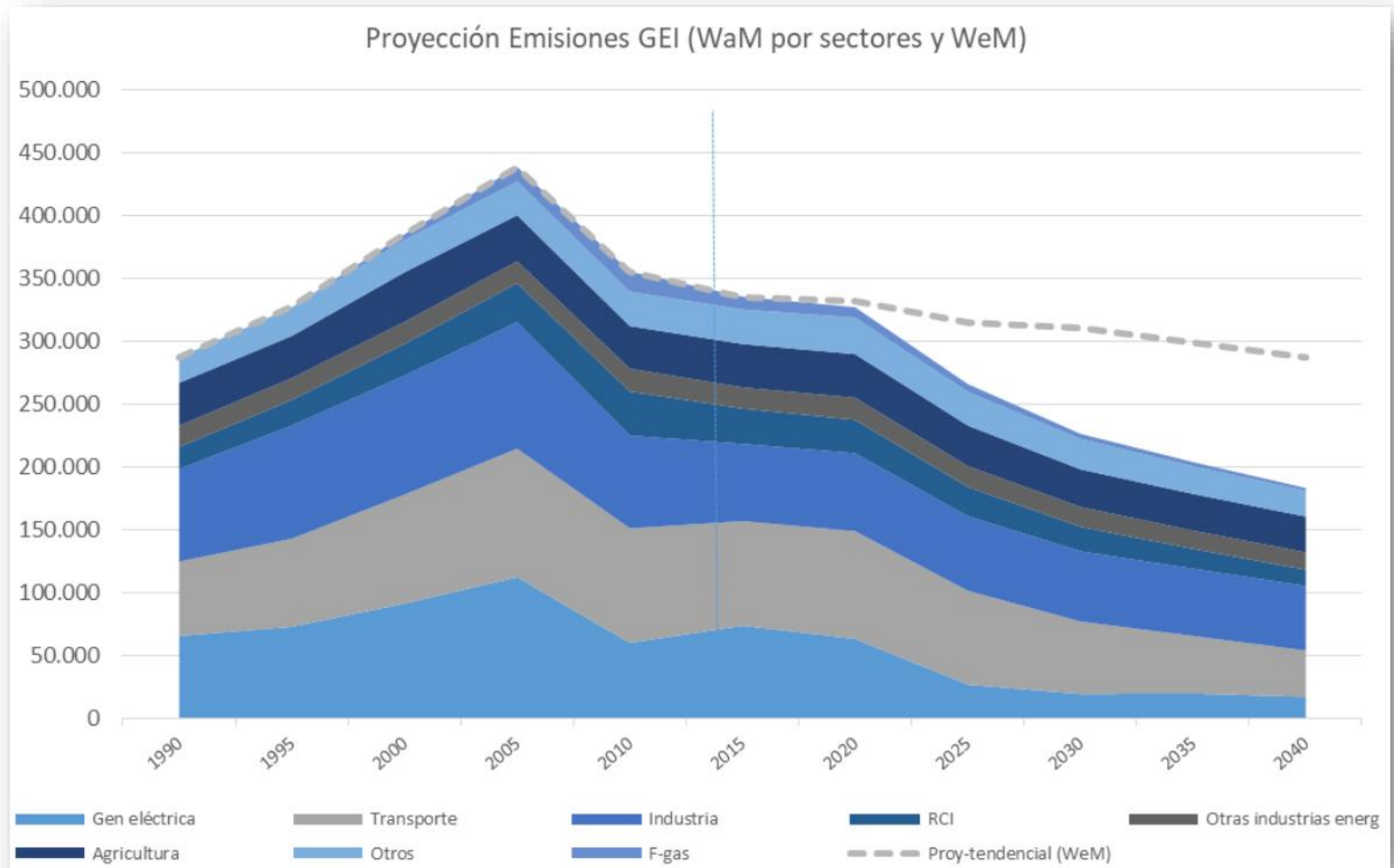


# GHG evolution and targets 2020 & 2030

ETS & nonETS historical emissions 2005 -2017 .  
Projections 2018 -2030 with existing measures WEM and with additional measures WAM.  
EU targets



# Total GHG emission & projections by sector (Draft Spanish Energy and Climate Plan)



# Spain towards a low carbon economy

(Legislative and planning ongoing work).

- Law of Climate Change and Energy Transition.
- Climate and Energy Integrated Plan.
- 2050 Spanish Low Carbon and Climate Resilience Strategy

- **At least - 20% of GHG emissions for the whole Spanish economy (compared to 1990)**
- **At least 35% renewables penetration in final energy consumption**
- **At least 35% energy efficiency improvement compared to the base line in accordance with European rules**

2030

- **At least -90% GHG emissions (compared to 1990). Intermediate target for 2040 consistent with the PNIEC**
- **Achieve a 100% renewable electricity system**
- **Carbon neutrality**

2050

# Main challenges for the future

- ❖ **Improved governance**, reporting and monitoring process
- ❖ Important deployment of **renewables and electrification** of final uses
- ❖ **Clean mobility** solutions in cities and modal **shift from road to rail**.
- ❖ Scaling up **energy renovation** of the existing building stock.
- ❖ **Alignment with other strategies**: circular economy, innovation, industrial growth, bioeconomy, sustainable investments...
- ❖ **Deployment of carbon sinks** in order to achieve long term carbón neutrality

All these challenges have to be confronted in the context of:

- ❖ Our intention to continue with **sustainable economic growth**
- ❖ Ensuring a **just transition** that leaves no one behind and maximizes economic opportunities for all.
- ❖ A changing environment due to the impacts of Climate change, with a need to develop **adaptation policies and measures** in all sectors (*Spain highly vulnerable*)



# Concluding remarks

- ❖ Spain is on track to meet the 2020 GHG mitigation target.
- ❖ Now focussing on 2021-2030 period ,with ambitious targets in the pathway to 2050 neutrality. Next 2030 Plan and 2050 Long Term Strategy to be communicated by end 2019.
- ❖ Relevant legislative initiatives on Climate Change and Energy Transition for the decarbonisation of the Spanish economy, improving economic growth and health, ensuring a just transition and a safe environment.

