

Climate change, energy and mobility national and territorial plans

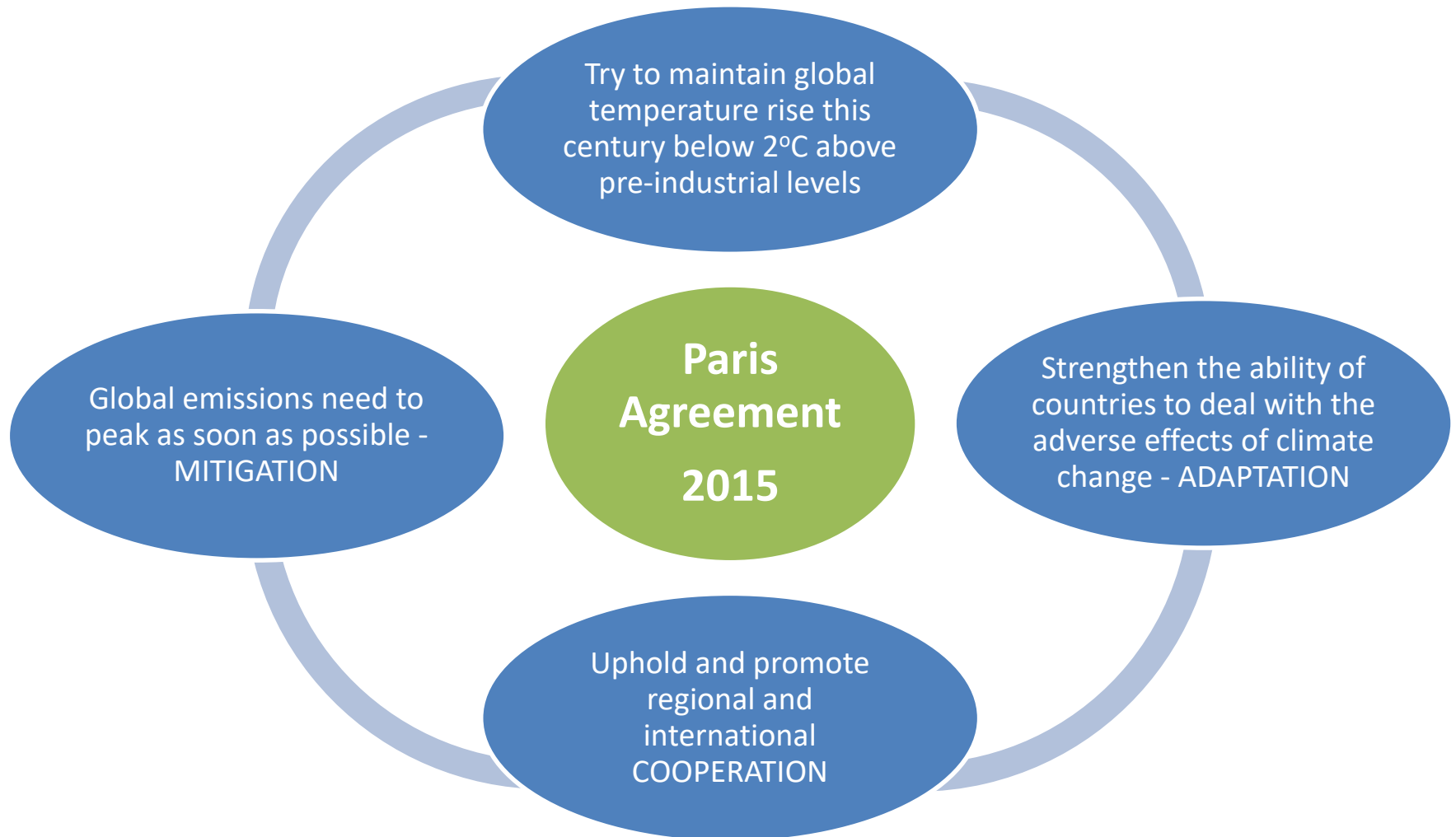
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The Paris Agreement

and Climate Adaptation and Mitigation



The Paris Agreement

Mitigation | European Union

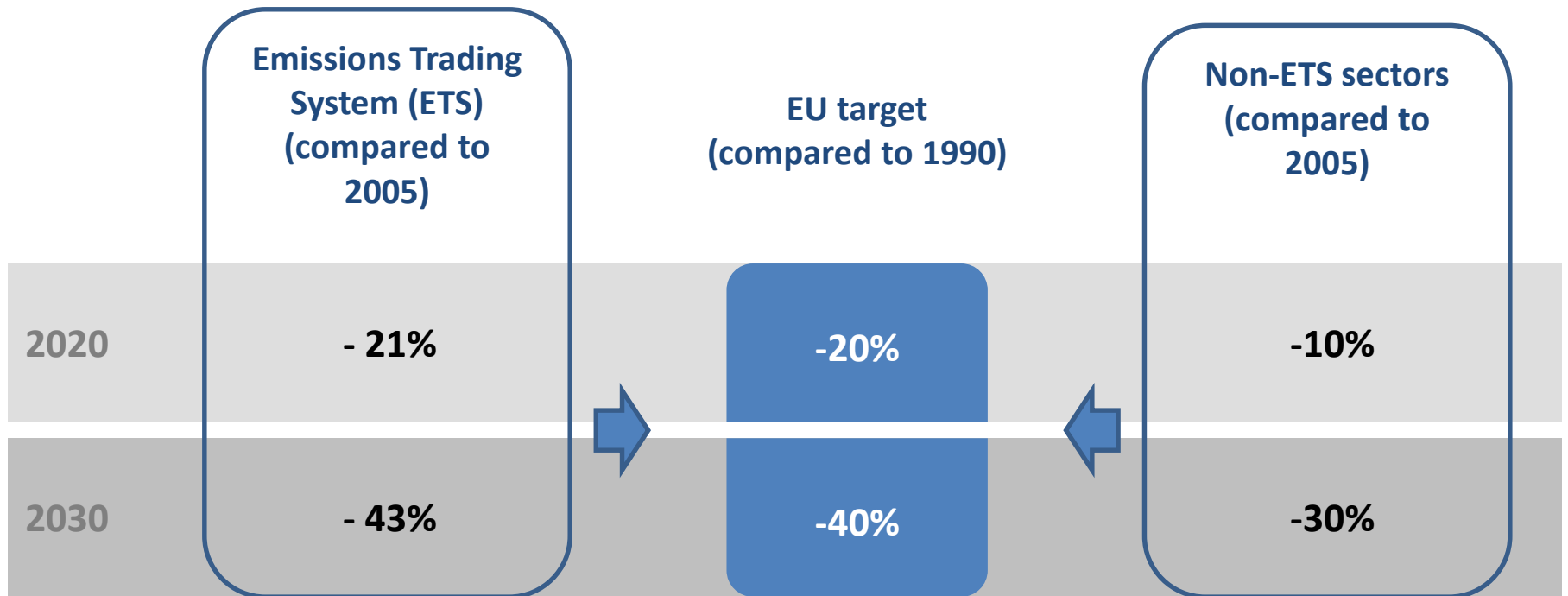
EU has been at the forefront of international efforts towards a global climate deal

The first major economy to submit its intended contribution to the new agreement in March 2015

Target to reduce emissions by at least 40% by 2030

The Paris Agreement

Mitigation | European Union



The Paris Agreement

Mitigation - Transport | European Union

Transport is responsible for around **25%** of the EU's greenhouse gas emissions, making it the second-biggest emitting sector after energy.

- **Two targets** for transport emissions in its White Paper on Transport:
 - 20% reduction from 2008 levels by 2030
 - 60% reduction from 1990 levels by 2050
- **New cars and vans:**
 - 40% decrease in emissions from new cars in 2021 compared to 2005
 - 19% decrease for new vans in 2020 compared to 2012

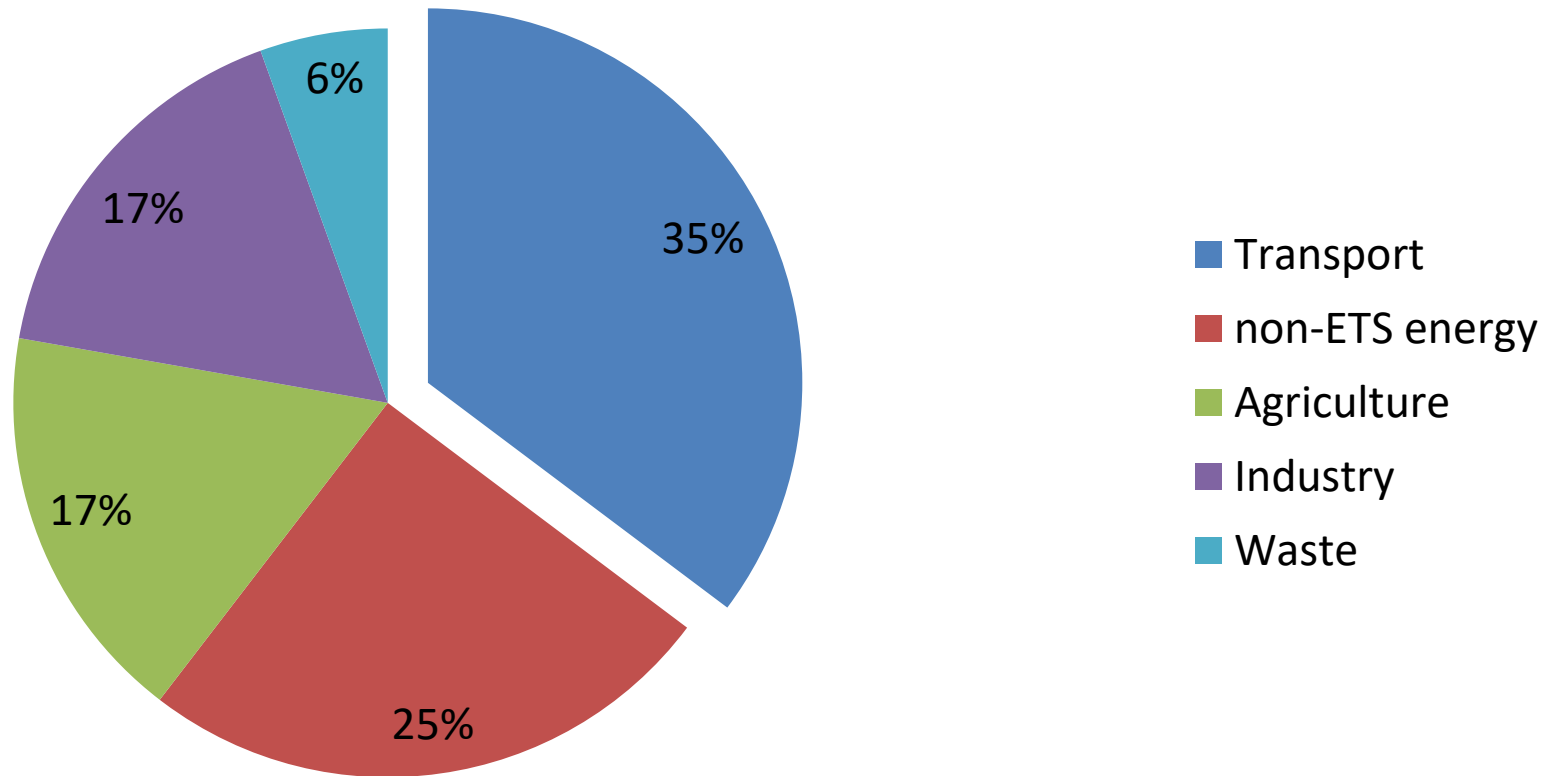
The Paris Agreement

Mitigation - Waste | European Union

- 7th Environment Action Programme sets the following priority objectives for waste policy in the EU:
 - reduce the amount of waste generated;
 - maximise recycling and re-use;
 - limit incineration to non-recyclable materials;
 - phase out landfilling to non-recyclable and non-recoverable waste;
 - ensure full implementation of the waste policy targets in all Member States.
- Waste Framework Directive

Where we stand..

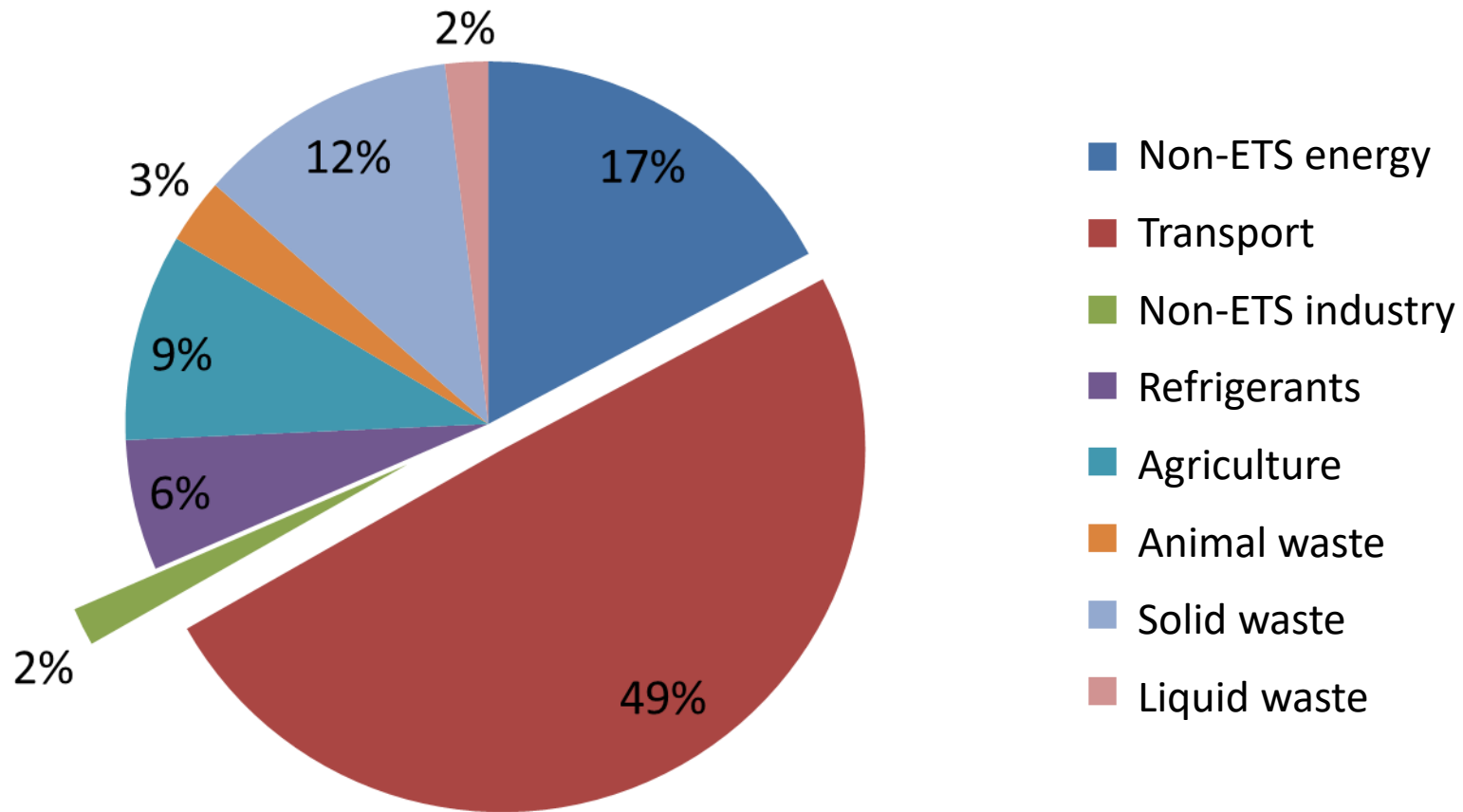
EU's emissions excluding Emission Trading System



Total emissions from the sectors above amount approximately to 2500 mln tonnes CO2 eq. annually (60% of total)

Where we stand..

Cyprus' emissions excluding Emission Trading System

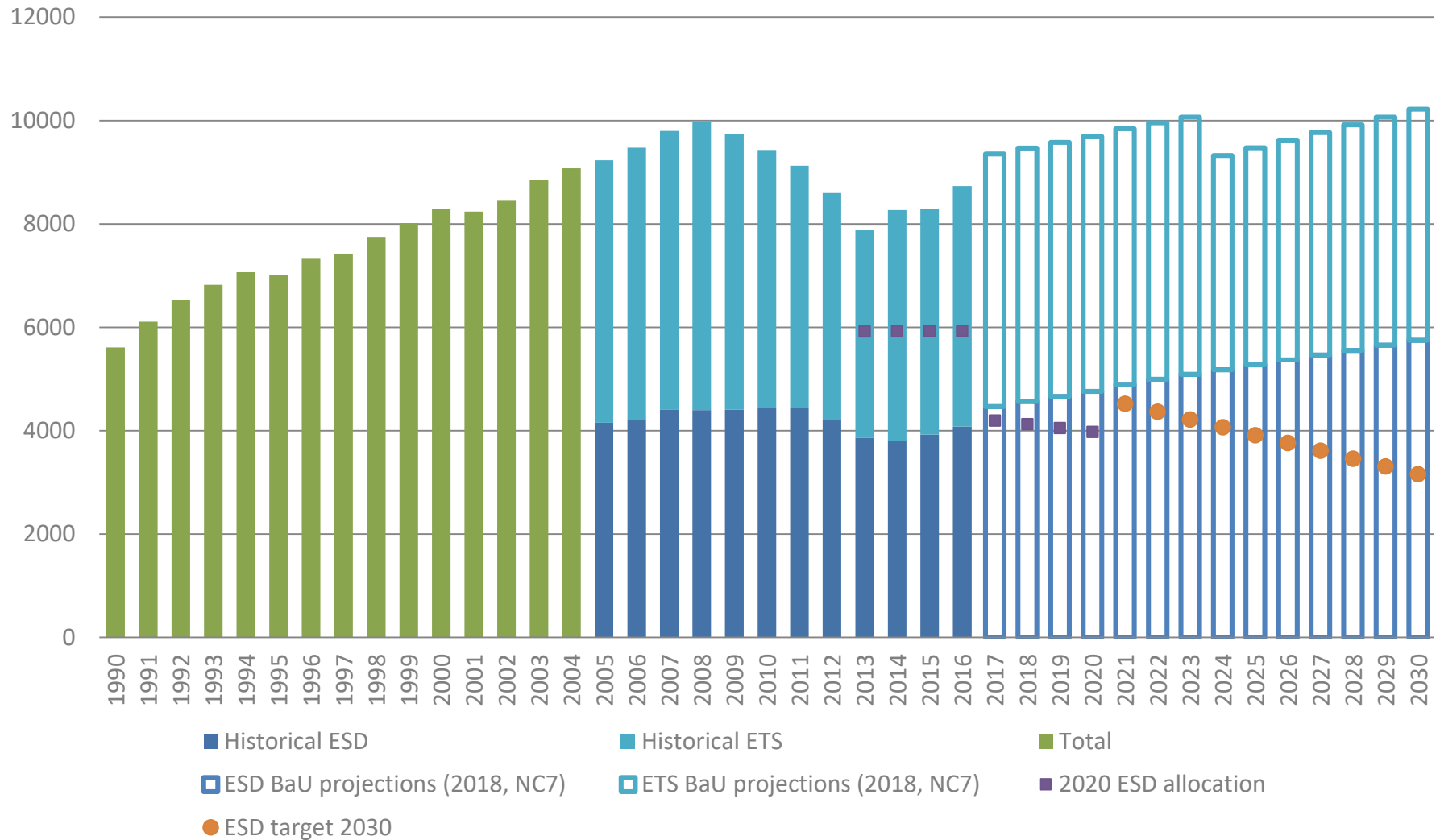


Total emissions from the sectors above amount approximately to 4 mln tonnes CO₂ eq. annually (50% of total)

The Paris Agreement

Mitigation | Projections & National Targets

using BaU projections



Mitigation

Current National Policies & Measures

Energy

- Natural Gas
- RES in electricity, heating & cooling
- EE in industry, new buildings
- Buildings energy upgrade
- Residential solar panels replacement
- Promotion of biomass and alternative fuels in industry

Transport

- Biofuels
- Infrastructure
- New technologies and other measures
- RES

Industry

- Proper F-gases Recovery

Agriculture

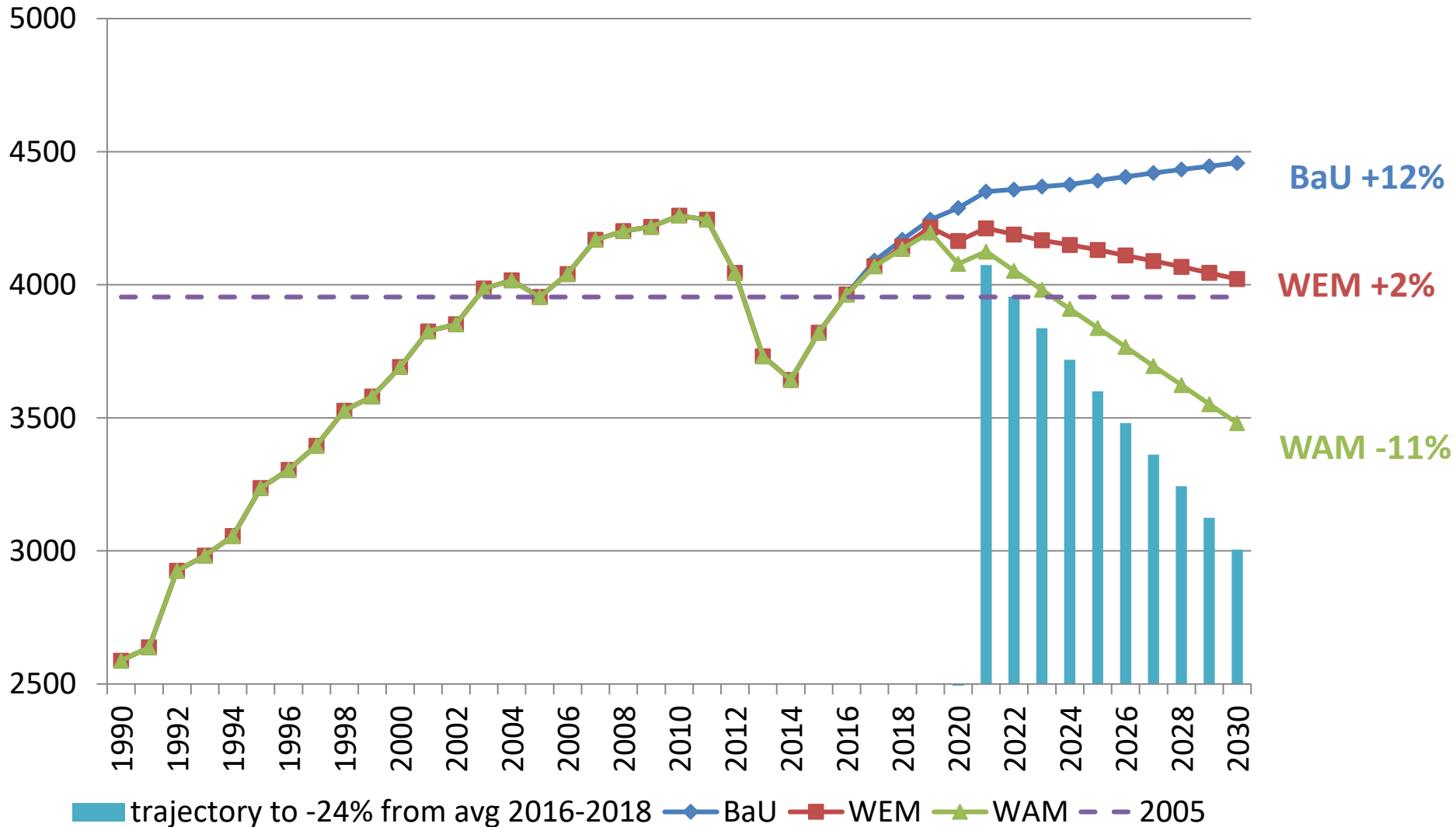
- Promotion of anaerobic digestion for treatment of animal waste

Waste

- Sorting
- Landfilling
- Composting
- Anaerobic digestion
- Biogas recovery

Where can we go..

With our currently policies



What do we do

National Energy and Climate Governance System

- Institutionalised in November 2017
- Key players:
 - Ministry of Agriculture, Rural Development and Environment
 - Ministry of Energy, Commerce and Industry
 - Ministry of Transport, Transport, Communications and Works
 - Ministry of Finance

What is next

Finalisation of National Energy and Climate Plan

- The plan will be finalised by the end of 2019
- Final plan has to be submitted to the European Commission by 31 December 2019

During 2019..

- Regional cooperation plans
- Impact assessment
- Strategic environmental impact assessment
- Public consultation

Thank you

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