



# Integrated National Energy and Climate Plans (NECPs)

## Progress and consolidation of planning processes

**4th Energy and Climate  
Technical Working Group  
Energy Community Secretariat,  
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# BACKGROUND

## STATE OF PLAY OF NECPS



28 submitted draft NECPs



An overview table with link to the national webpages and notified draft NECPs published on the Energy Union website



COM provided courtesy translation in English for almost all draft NECPs

<https://ec.europa.eu/energy/en/topics/energy-strategy-and-energy-union/governance-energy-union/national-energy-climate-plans>

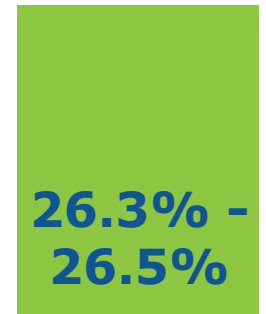
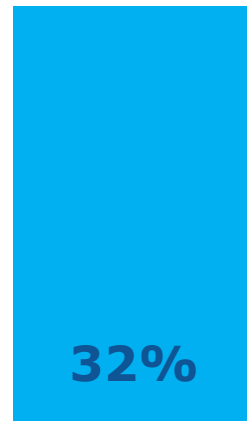
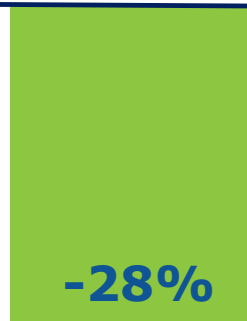
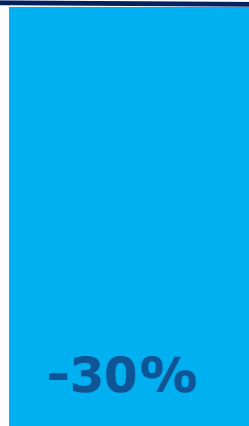
# ASSESSMENT

## GHG, RES AND EE (AGREED TARGETS VS AGGREGATE AMBITION)

**GHG (NON ETS)**

**RES**

**EE**



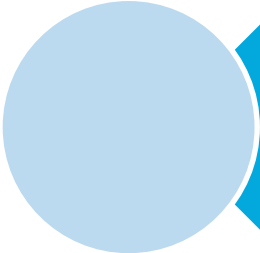
**Agreed targets**  
**Aggregate ambition**

# ASSESSMENT

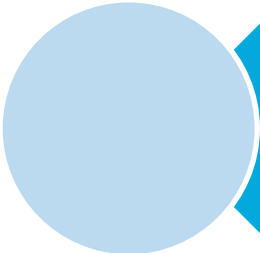
## MAIN CONCLUSIONS



National contributions to be clarified and to better reflect the impact of policies; eg. Need to comply with RES Transport and H&C sectorial targets



Need for policies and measures with an adequate scale and timeline, to demonstrate that they are sufficient to deliver the proposed contributions



Need for details on PaMs e.g. planned auctions, simplification of administrative procedures. Need for integrating Annex III (energy savings to be achieved under Article 7 of the EED) and the long-term building renovation strategy.

# ASSESSMENT

## COHERENCE, POLICY INTERACTIONS AND INVESTMENTS

Provide more systematic assessment of the interactions between policies and dimensions and explore political implications further

Improve coherence with broader policy framework (recommendations on fair transition and air pollution analysis, country-specific recital on competitiveness, circular economy)

Identifying investment needs and securing national, regional and EU funding is essential and helps to increase investor certainty

Need to have a good account of explicit and implicit energy subsidies and of future plans to phase out those that do not contribute to long-term objectives

# NEXT STEPS

## 7 PRIORITY AREAS IN VIEW OF THE FINAL NECPS

Close all 2030  
"ambition" and  
policy gaps

Strengthen "whole  
of government"  
approach

Reinforce regional  
cooperation

Use NECPs to  
support industry,  
competitiveness  
and innovation

Use NECPs to  
attract investment  
and identify  
financing  
opportunities

Integrate the  
social dimension

Factor-in the long-  
term vision

EACH MEMBER STATE RECEIVED BETWEEN 8 AND 11 COUNTRY-SPECIFIC RECOMMENDATIONS

# WHAT IS IMPORTANT IN PREPARING THE NECPS





European  
Commission

# ENERGY UNION

EnergyUnion #EnergyUnion #EnergyUnion

European Commission  
Commission européenne

Commission européenne  
European Commission

# THANK YOU!

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# BACKGROUND

# BACKGROUND

## GOVERNANCE REGULATION - A ROBUST GOVERNANCE TO MEET 4 OBJECTIVES

 Meet Energy Union objectives (notably the 2030 targets)

 Ensure Better Regulation and reduce administrative burden

 Allow for investor certainty and predictability

 Synchronise planning and reporting cycles with Paris Agreement

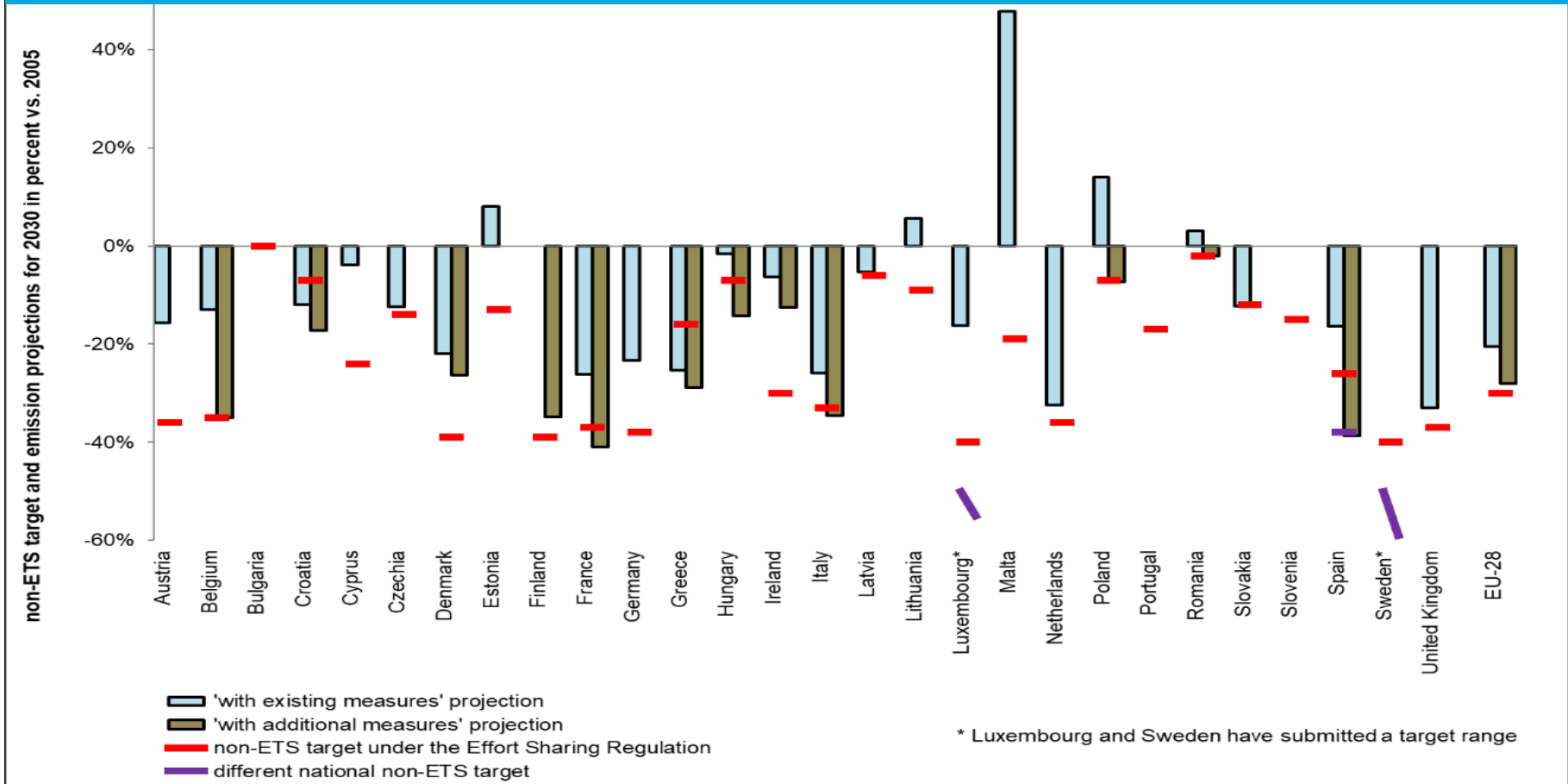
### 2030 FRAMEWORK FOR CLIMATE AND ENERGY AGREED TARGETS

	GREENHOUSE GAS EMISSIONS	RENEWABLE ENERGY	ENERGY EFFICIENCY	INTER-CONNECTION	CLIMATE IN EU-FUNDED PROGRAMMES	CO2 FROM:
2020	-20%	20%	20%	10%	2014-2020 20%	
2030	≤ -40%	≥ 32%	≥ 32.5%	15%	2021-2027 25%	CARS -37.5% Vans -31% Lorries -30%

Upwards revision clause by 2023

# ASSESSMENT

## BINDING 2030 NON-ETS TARGETS FOR EACH MEMBER STATE: WHERE DO WE STAND ?



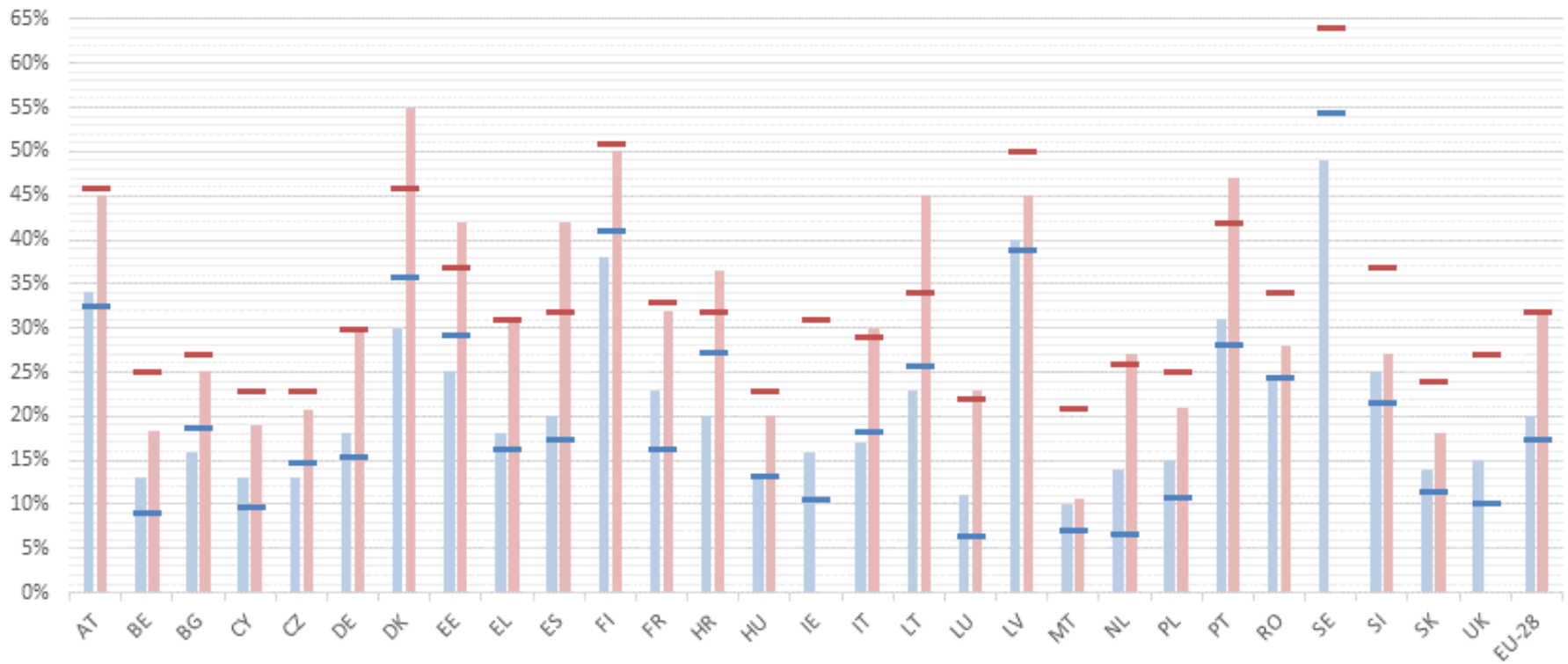
**National non-ETS targets correspond to -30% compared to 2005 in EU**  
**Current projections based on the draft NECPs is 28% reduction**

# ASSESSMENT

## AT LEAST 32% RES BY 2030: WHERE DO WE STAND ?

RES share in gross final energy consumption

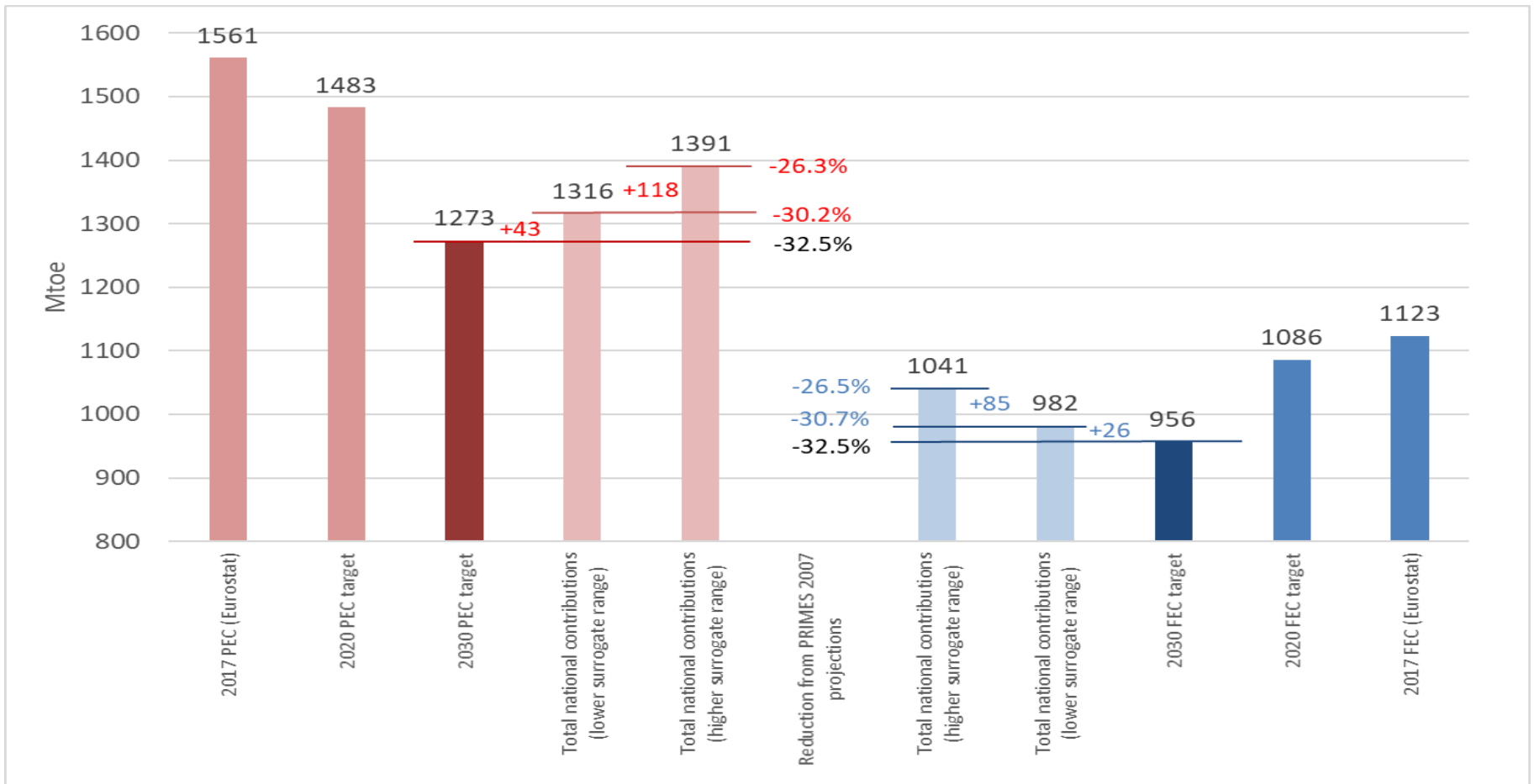
■ 2020 Target ■ 2030 NECP — 2017 Share — 2030 Formula



**The gap for Renewable could be as big as 1.6 percentage points**

# ASSESSMENT

AT LEAST 32,5% ENERGY EFFICIENCY BY 2030: WHERE DO WE STAND ?



**The gap for Energy efficiency could be as big as 6.2 percentage points (PEC) or 6 percentage points (FEC)**

# ASSESSMENT

## DECARBONISATION: GREENHOUSE GAS TARGET EU-WIDE

Based on planned policies and stated ambition levels in line with -40% target for total greenhouse gas emissions

Effective implementation of all 2030 targets could lead to -45% greenhouse gas emissions

Planned policies provide more detail on transport and electricity sectors, including phase out of coal in some Member States, than on other sectors

# ASSESSMENT

## DECARBONISATION GREENHOUSE GAS EMISSIONS AND REMOVALS

Need to clarify or increase policies in non-ETS sectors, in particular in transport, building, agriculture and land use and forestry sectors (recommendation for 16 Member States)

Clarification needed on the contribution of the LULUCF sector including applying its accounting rules (recommendation for 9 Member States). The technical recommendations to all MS on the draft National Forestry Accounting Plans (NFAPs) can help

Many but not all Member States with climate adaptation goals have included them in the draft plans. Few have provided details on the links with energy supply security

# ASSESSMENT

RENEWABLES - AT LEAST 32% RES BY 2030

MS to reconsider ambition to ensure the gap is closed. Need to comply with Transport and H&C sectorial targets

Need for robust information on policies and measures (to demonstrate that they are adequate to deliver the proposed contributions, notably the 2022 first reference point)

Need for details on e.g. planned auctions, measures for self-consumption, renewable energy communities, power purchase agreements, simplification of administrative procedures

- All 28 MS received recommendations related to renewable energy



# ASSESSMENT

ENERGY EFFICIENCY - AT LEAST 32,5% ENERGY EFFICIENCY BY 2030

National contributions to be clarified and to better reflect the impact of policies, national circumstances and savings potentials

Need for policies and measures with an adequate scale and timeline, to demonstrate that they are sufficient to deliver the proposed contributions

Need for integrating Annex III (energy savings to be achieved under Article 7 of the Energy Efficiency Directive) and the long-term building renovation strategy

- All 28 MS received recommendations related to energy efficiency

# ASSESSMENT

## ENERGY SECURITY AND INTERNAL ENERGY MARKET

- Energy security is generally not adequately reflected in the NECPs.
- MS to set **clearer national objectives** encouraging diversification, reduction of energy import dependency and to improve resilience and flexibility of the national energy system
- Links with **emergency plans for oil, gas and electricity** should be explored

- 23 MS received recommendations related to energy security aspects

- NECPs to include **objectives, programs and timelines for energy market reforms**, in line with agreed legislation
- NECPs to address policies aimed at developing both **competitive wholesale and retail markets** in Europe
- MS to refer to the **electricity interconnectivity level** they are aiming for in 2030

- 21 MS received recommendations related to IEM aspects  
- 28 MS received recommendations on energy subsidies

# ASSESSMENT

## RESEARCH, INNOVATION AND COMPETITIVENESS

- MS to make **additional efforts to integrate research, innovation** into their NECPs
- Links with priorities identified in the **Strategic Energy Technology Plan (SET Plan)** should be better explored
- The Commission's Long Term Strategy (LTS) highlights the **need for a massive coordinated effort**



- 23 MS received recommendation related to research and innovation

- NECPs to **identify needs and plan national investments** in the areas of energy and climate
- NECPs to **identify and develop Member States' competitive advantages** and prepare for the energy transition



- 21 MS received recommendations on investments  
- 28 MS received recommendation on just transition (23 on energy poverty aspects)

# ASSESSMENT

## JUST TRANSITION

- NECPs need still to be perfected on **just transition aspects**
- Social dimension needs to be fully integrated **from the outset**
- Assessing carefully social, territorial and employment **impacts** is essential
- **Assessment of number of energy poor households and objectives** to reduce this number if significant

- NECPs to include structured approach to social and employment impacts (including **energy poverty**)

- 28 MS received recommendations on just transition (23 on energy poverty aspects)