

PROSPECTS AND REQUIREMENTS FOR THE NEW RENEWABLES ACTION PLAN IN PORTUGAL

RENEWABLES NETWORKING PLATFORM

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EREF
EUROPEAN RENEWABLE ENERGIES FEDERATION



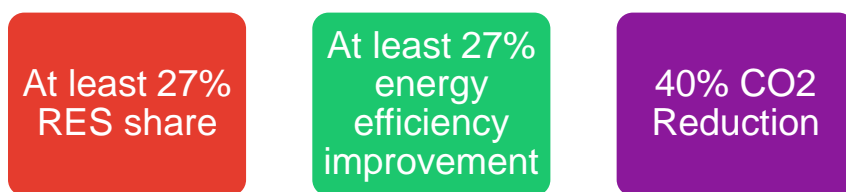
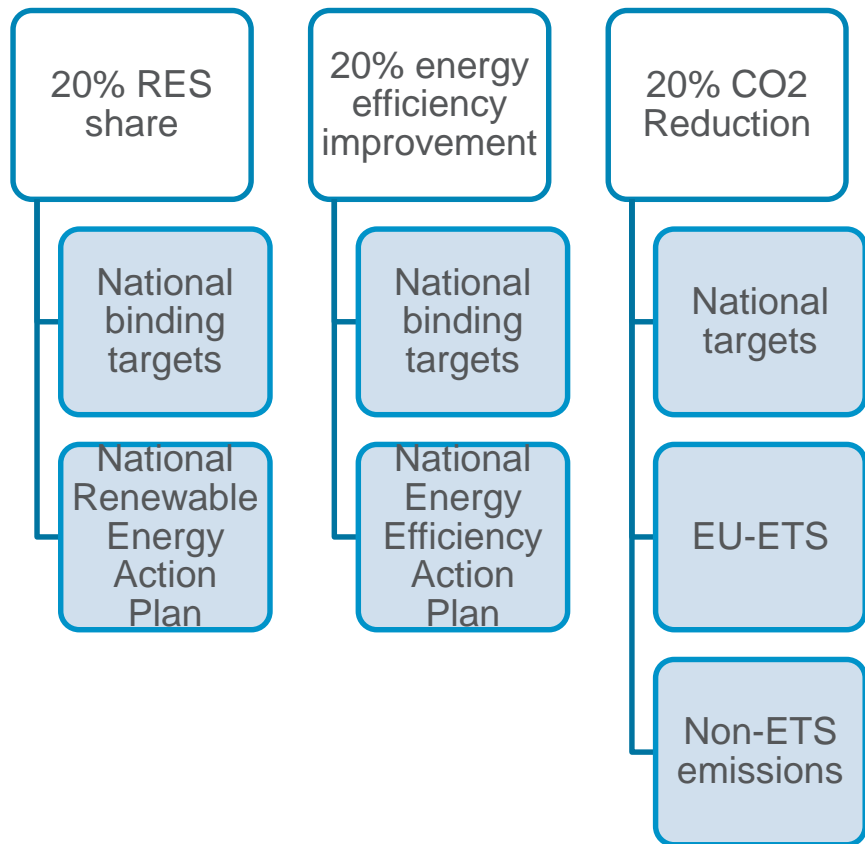
CONTENT

- 1 Current status of the 2030 targets discussion
- 2 National energy and action plans
- 3 Conclusions

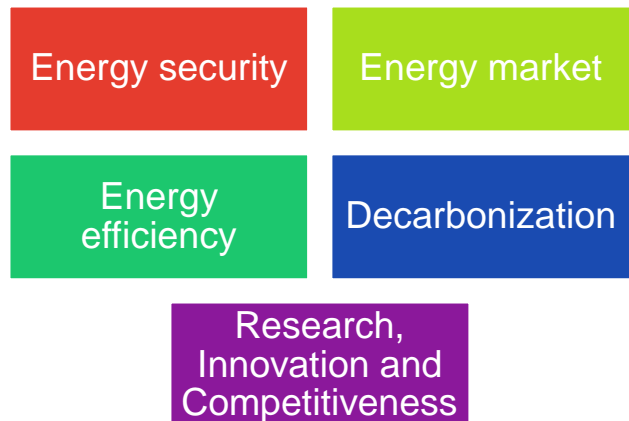
NEW PHILOSOPHY: INTEGRATED APPROACH TO PLANNING AND REPORTING

2010-2020 Climate and energy package
Siloed approach

2020-2030 Climate and energy package
Integrated approach



National contributions expressed in Integrated Climate and Energy Plans



NEW NATIONAL CLIMATE AND ENERGY PLANS IMPLY MORE COORDINATION BUT ASSURE THE SAME LEVEL OF DETAIL

The National Climate and Energy Plans contains all key elements on the RES/EE National Energy Action plans for all 5 dimensions of the Energy Union

- Overview of the process of preparation of the plan
- Description of the national objectives, targets and contributions
- Description of the policies and measures foreseen to meet the corresponding objectives, targets and contributions
- Description of the current situation
- Assessment of the impacts of the planned policies and measures
- Annex describing the energy saving measures

.....and detailed planning for RES

- Planned RES share in gross final consumption in 2030
- Linear trajectory for the overall share of renewable energy in gross final energy consumption 2021-2030
- Trajectories for electricity-, heating and cooling and transport sectors
- Trajectories by renewable energy technologies, including their shares in meeting the target and total planned installed capacity
- Trajectories for bioenergy demand for the three sectors, divided into domestic production and imports as well as assessment of source and impact on carbon sinks
- Other relevant trajectories, f.ex. advanced biofuels, share of RES in district heating, energy communities etc.

PORTUGUESE RENEWABLE ENERGY POLICY DESERVES HIGHER AMBITION LEVELS

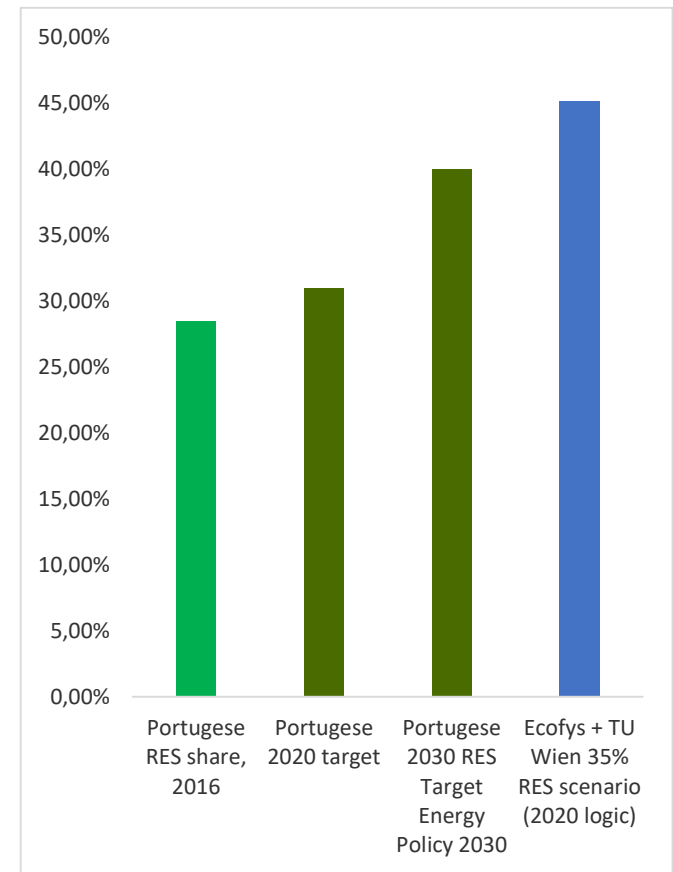
2020 RES target

- Portugal has days with 100% RES-E covering the demand
- EDP commits to become 100% RES by 2030
- 2017 has seen decrease in RES-E production (42,3% from 54% in 2016) due to draught-> significant (28%) power price increase
- Portugal is on the way to meet its RES target for 2020 and understands its RES potential & economic added value

2030 energy policy

- “Green Growth Commitments” presents 11 key goals for 2030
- Measures taken to further develop RES
 - advanced biofuels promotion (2018)
 - Action Plan for Ocean Renewable Energy and the Industrial Strategy for Ocean Renewable Energy (2017)
 - Windfloat - deep water offshore floating platforms development programme extended in Feb 2018
- Considers to develop subsidy-free RES, especially PV
- Expected end of FiT (‘23) causes uncertainty
- Iberian Peninsula interconnection Projects of Common Interest Portugal-Spain and Spain-France to facilitate RES integration

Portuguese 2020- and 2030 RES targets



CONCLUSIONS

- Realization of 2030 policies is based on a more integrated approach than 2020 EU policies and renewable energy is an integral part of new national climate and energy plans
 - Consider interactions between their sectoral policies and coordinate internally
 - Coordinate with neighbours and the EC
- Portugal understands its huge RES potential
- Portugal has been the leader of RES growth and can maintain that role in Europe
- Portugal can fully develop its RES potential via
 - More ambitious 2030 goals
 - Further promotion of the European cooperation and interconnection
 - Consider green electrification potentials





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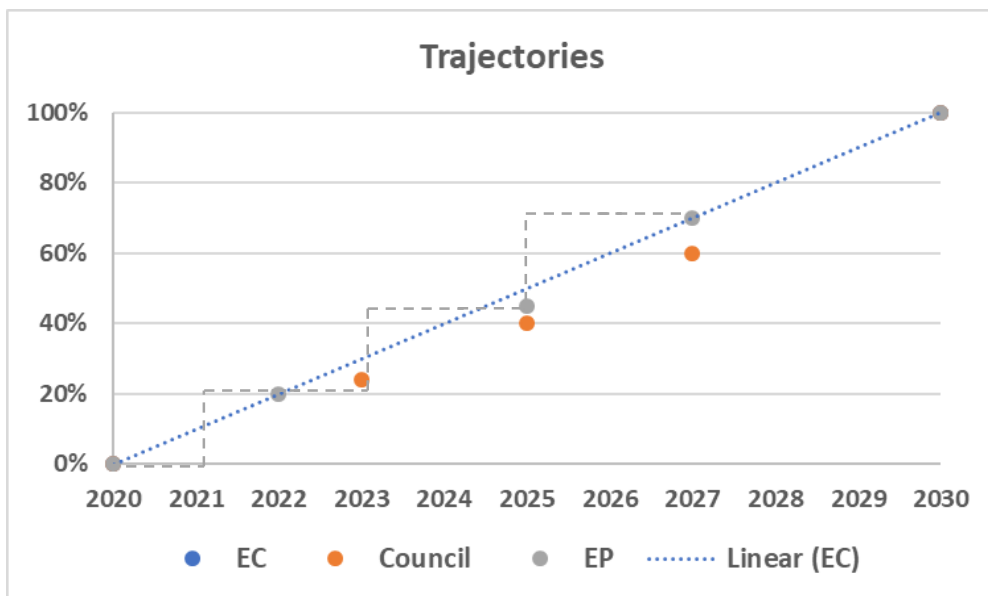
GENERAL INFORMATION

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2030 RES TARGET DISCUSSION IN THE EU STILL ONGOING

European Commission	Target: At least 27%; Linear trajectory
Council	Target: at least 27%; Non-linear trajectory; reference point of at least 24% of total increase by 2023; 40% by 2025; 60% by 2027 (indicative trajectories, shall add up to the Union reference points in 2023, [] 2025 and 2027 [])
European Parliament	Target: At least 35%; Progressive, close to linear trajectory: 20% for 2021-22 45% for 2023-25 70% for 2025-27



Member State contribution to the RES target will consider

- Measures provided by the revision of the renewable energy- and energy efficiency directives
- Other measures to promote RES on a Member State – and EU levels
- Distribution of RES deployment across the EU
- Economic potential
- Geographical and natural constraints,
- Level of interconnection