

PROSPECTS AND REQUIREMENTS FOR THE NEW RENEWABLES ACTION PLAN IN DENMARK

RENEWABLES NETWORKING PLATFORM

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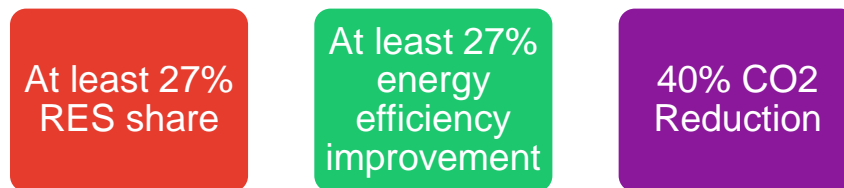
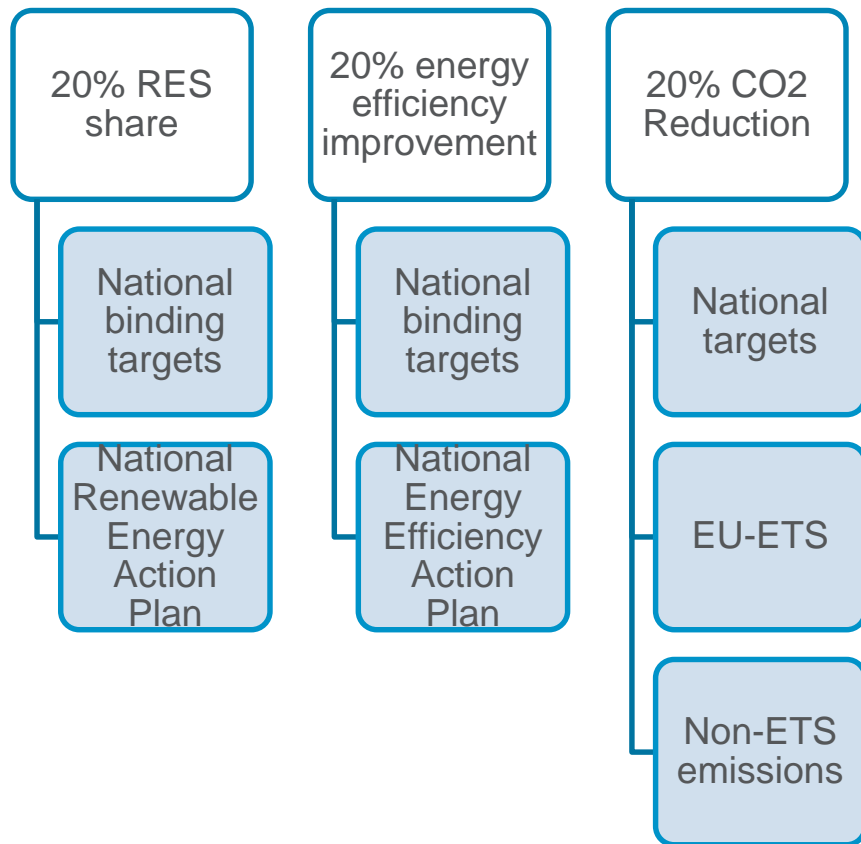
CONTENT

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

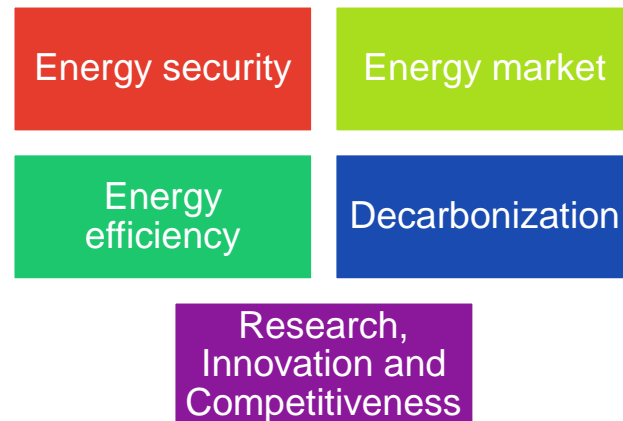
NEW PHILOSOPHY: INTEGRATED APPROACH TO PLANNING AND REPORTING

2010-2020 Climate and energy package
Siloed approach

2020-2030 Climate and energy package
Integrated approach

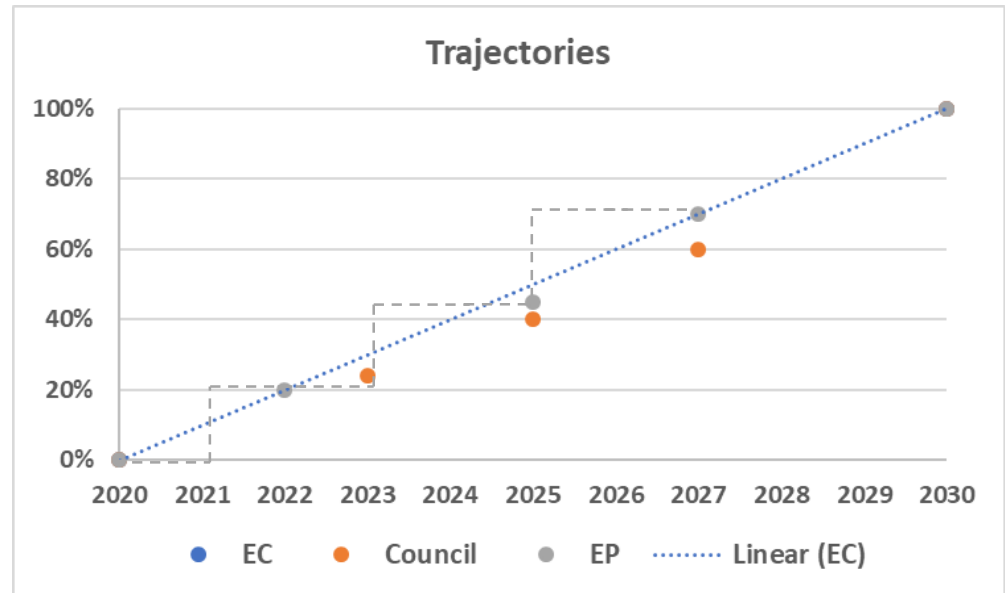


National contributions expressed in Integrated Climate and Energy Plans



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

2030 DANISH RES TARGET DISCUSSION SHOWS THE WAY

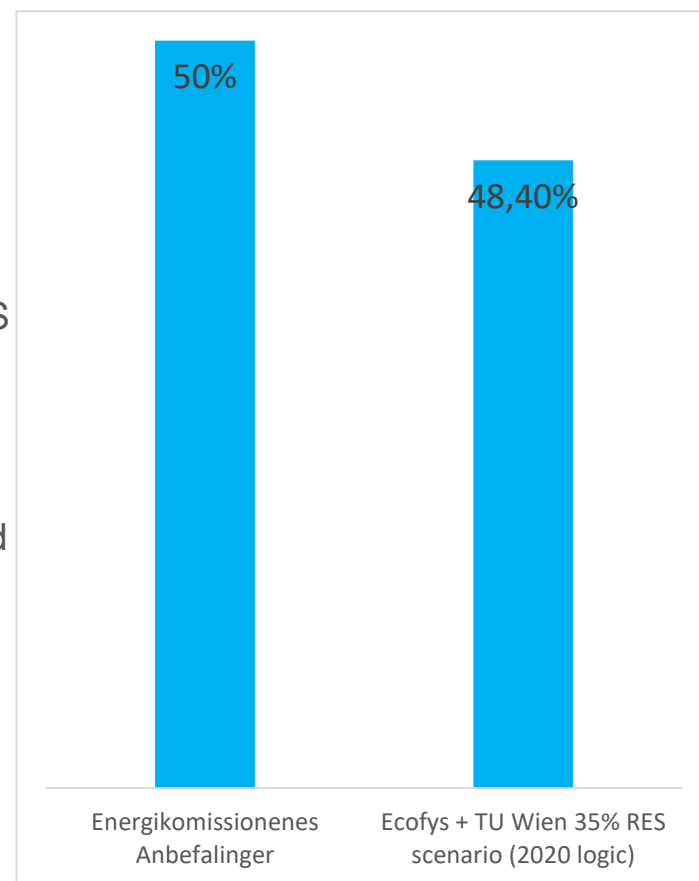
- **Energikommisionens Anbefalinger til Frentidens Energipolitik, 2017**

- Leading RES discussion in Europe: The Energy Commission recommends a 50% RES target for 2030
- Leading in integrated approaches: Crucial to combine energy-efficiency improvements, renewable energy deployment and electrification of the energy system
- Focusing on market- driven capacity developments: Focus on internalization and long-term market driven development of RES

- **National benchmarks for a more ambitious EU 2030 renewables target, 2017- modelling study**

- Analyzed 4 RES 2030 targets: 27%, 30%, 35% and 45%, based on (a) methodology used for 2020 target setting and (b) more nuanced scenarios to differentiate Member States per potential, land availability and GDP
- Strong EE targets and RES targets reinforce each other: Aggregated RES deployment needs for all RES targets would be reduced by nearly 15% if the EU energy efficiency target is raised from 30% to 40%

Examples of discussed 2030 RES scenarios for Denmark



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.

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
- Member States defining their contribution to the overall EU targets, need to coordinate their planning in several dimensions:
 - ✓ Consider interactions between their sectoral policies and coordinate internally
 - ✓ Coordinate with neighbours and the EC
- Denmark leads the way in RES planning in Europe
 - ✓ Demonstrating a high level of ambition
 - ✓ Considering sectoral integration
 - ✓ Driving international cooperation





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