



Source: BMNT

NATIONAL ENERGY AND CLIMATE PLANS

RECOMMENDATIONS AND AUSTRIAN NECP

OUTLINE

- EC Service Contract to assess the MSs NECP submissions
- Recommendations for NECP reporting
- Insights to preparation of Austrian NECP

Umweltbundesamt
www.umweltbundesamt.at

3rd Energy and Climate Technical Working Group
Vienna • 21.03.2019

ASSESSMENT OF NECP SUBMISSIONS

EC Service Contract: „Support to the Energy Union Governance process, including for the assessment of the Integrated National Energy and Climate Plans – ENER.A1/SER/2017/007

- Konsortium: Ricardo (Lead), Umweltbundesamt, ÖKO Institute, VITO, COWI, RAP
- Umweltbundesamt assesses 7 NECP submissions
- Assessment Criteria: Completeness, compliance, accuracy, coherence, robustness, transparency, comprehensiveness, compatibility
- Currently draft NECP submissions are reviewed → EC will provide feedback and recommendations to MS → MS prepare final NECP → submissions of final NECPs due 31.12.2019

RECOMMENDATIONS FOR PREPARING NECPS-GENERAL

- Stick to the outline as provided in Annex I - Part 1 of the Energy Governance
- Use the reporting templates for Annex I - Part 2 reporting
- Use the projections and the PAM template (same as under MMR)
- For all „where applicable“ reporting items, specify if it applies for your country or not
- Consider cross-cutting issues, such as
 - Article 3.3 – „shall“: limit administrative complexity, interlinkage, use of robust and consistent data, address energy poverty
 - Article 3.4 – „shall“: NECP shall be publicly available
- Transparently describe the modelling exercise: method applied, underlying assumptions, parameter used

RECOMMENDATIONS FOR PREPARING NECPS – CHAPTER 1 OVERVIEW

- Follow Annex I – Part I outline
- Pay attention to:
 - **Consultations and involvement of national and Union entities and their outcome**, see also Article 12 (2) –

*„Each MS **shall** identify opportunities for regional cooperation and consult neighbouring MS...“*

- **Regional cooperation in preparing the plan**, see also Article 12 (3) and 12(7)

*„MS **may** engage in voluntary joint drafting...“*

*„MS **may** also envisage cooperation with signatories to the Energy Community and with third-country members of the European Economic Area.“*

RECOMMENDATIONS FOR PREPARING NECPS

CHAPTER 2 OBJECTIVES & TARGETS

- Follow Annex I – Part I outline
- Provide info on and pay attention to:
 - Specific **GHG** reduction targets by 2030 (including 2021-2030 trajectory), plus any additional national targets
 - **Renewable** share in 2030 in gross final energy consumption in 2030, including trajectory 2021-2030
 - Consider reference points for 2022, 2025, 2027
 - Check Art. 5(1)e – „shall“ on relevant circumstances affecting renewable deployment (e.g. economic conditions, geographical constraints, level of power interconnection,...)
 - RES trajectories 2021-2030 for electricity, heating&cooling and transport

RECOMMENDATIONS FOR PREPARING NECPS

CHAPTER 2 OBJECTIVES & TARGETS

- Provide info on and pay attention to:
 - **Energy Efficiency**, 2030 target expressed as Primary **or** final energy consumption
 - see Art. 4(b)(1): „shall“: info on methodology and conversion factor used, and Art. 6(2) „shall“: circumstances affecting primary and final energy consumption
 - taken into account
 - **Energy security**: national objectives plus timeframes
 - **Interconnectivity** target for 2030 in %, consideration of indicators of the urgency of action
 - **Energy transmission infrastructure**: list key projects
 - **Market integration**: national objectives (e.g. electricity prices, smart grids, etc.) plus timeframes
 - Energy poverty: assessment of energy poverty, national objectives plus timeframes (where applicable)
 - Research, Innovation and Competitiveness: funding targets for public and private research

RECOMMENDATIONS FOR PREPARING NECPS

CHAPTER 4 – PROJECTIONS WITH **EXISTING** PAMS

- Follow Annex I – Part I outline
- Use Annex I - Part 2 template (list all parameters used)
- Provide data for current level and projections with existing measures
- Clearly indicate the reference year
- Indicate which measures have been taken into account
- Describe methodology used

RECOMMENDATIONS FOR PREPARING NECPS

CHAPTER 4 – PROJECTIONS WITH **PLANNED** PAMS

- Follow Annex I – Part I outline
- Use Annex I - Part 2 template
- Report WAM projections including impact assessment of planned measures
- Describe Macro-economic impact (cost benefit analysis)
- Assess policy interactions between existing and planned PAMs
- Provide overview of investment needs
- Describe impacts on other (Member) States, regional cooperation

RECOMMENDATIONS FOR PREPARING NECPS

- Energy Efficiency First Principle: describe how this principle has been taken into account
- Investment: provide information on investment needs and financing (see Art. 7)
- Adaptation: refer to any adaptation goals, ensure consistency
- Long-term Strategies: refer to any national long-term strategies, ensure consistency
- Renewables: check that reporting of renewables is consistent with requirements of the REDII Directive

AUSTRIAN NECP

- Based on #mission 2030 (Austria´s integrated climate and energy strategy)
- Coordinated by the ministry for the environment
- Energy department is part of the ministry for the environment since June 2018
- First round of coordination between the ministries and counties in September 2018
- Draft sent to EC end of 2018
- Consultation process with all relevant stakeholders and other EU MS planned for 2019
- New WAM scenario based on #mission 2030 by end of April, 2nd and 3rd round might be necessary to meet target
- Final version including new scenarios and coordinated policies and measures by the end of 2019

CONTACT & INFORMATION

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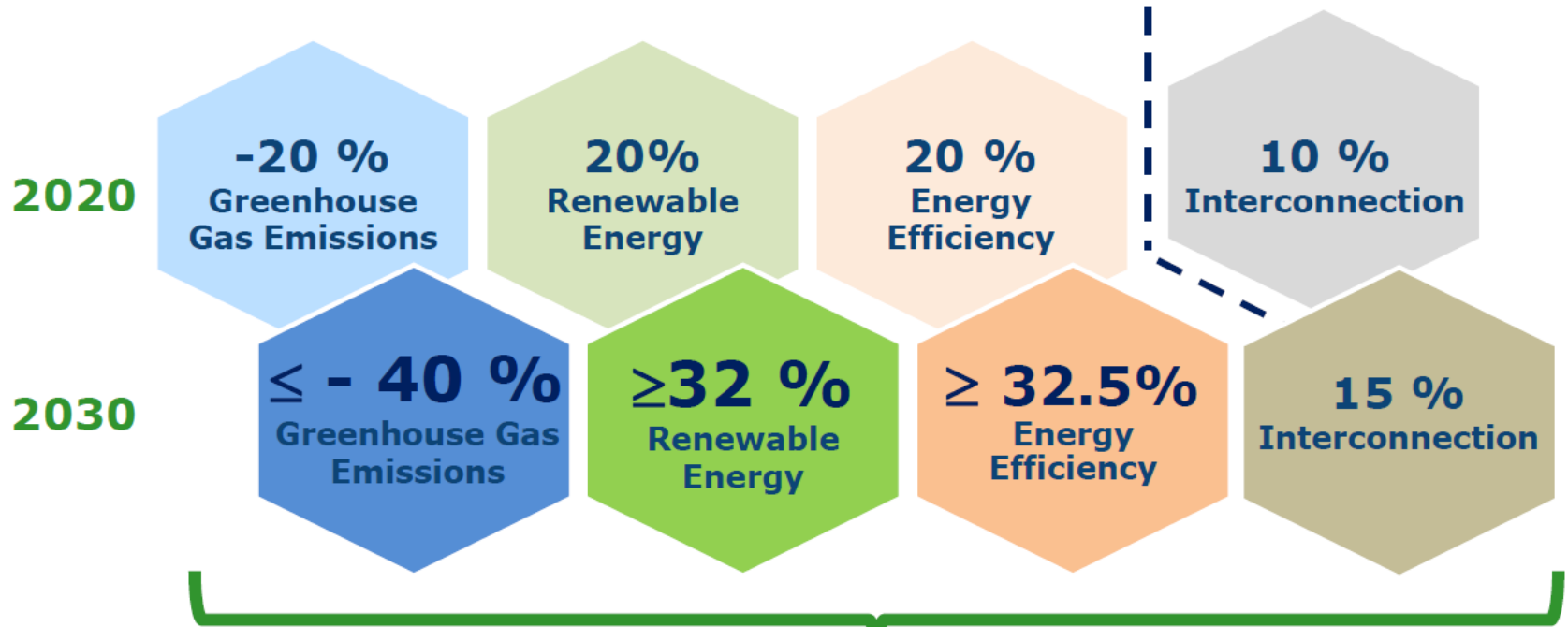
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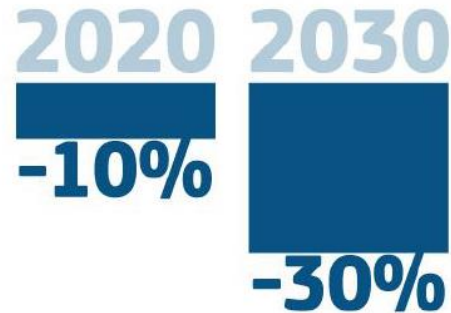
2030 Framework for Climate and Energy Headline targets



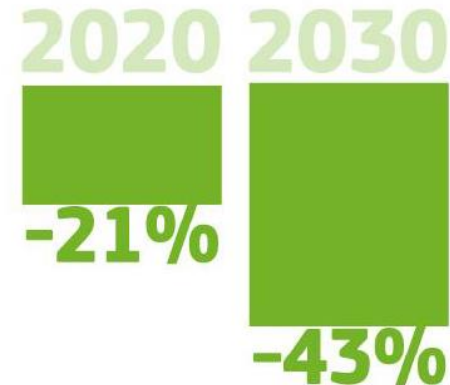
New governance system + indicators

October 2014 European Council endorsed 2030 GHG reduction targets for ETS and Non ETS sectors

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



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



ETS INCLUDING
POWER/ENERGY
SECTOR & INDUSTRY

Climate

ANNEX I: Template for National Plans

STRUCTURE OF INTEGRATED NATIONAL ENERGY AND CLIMATE PLANS

Energy Union Dimension	2. National Objectives and Targets (Examples)
Decarbonisation (2030 targets)	<ul style="list-style-type: none"> • GHG emissions: Non-ETS targets (Effort Sharing Regulation) • National renewable energy contribution (linear trajectory for the overall RES share in final energy consumption to 2030)
Energy efficiency (2030 target)	<ul style="list-style-type: none"> • Indicative national energy efficiency contribution (linear trajectory for primary and final energy consumption to 2030)
Energy security	<ul style="list-style-type: none"> • National objectives with regard to energy security (diversification and import dependence)
Internal market	<ul style="list-style-type: none"> • The level of electricity interconnectivity in 2030, electricity and gas infrastructure objectives for 2030
R & I and competitiveness	<ul style="list-style-type: none"> • National objectives for R & I (SET Plan indicators)

STRUCTURE OF INTEGRATED NATIONAL ENERGY AND CLIMATE PLANS

