BE integrated National Energy and Climate Plan (NECP) 2021-2030 & RES objectives and forecasts

Eufores, 5th February 2019

Karen Geens
Sam Vanwijnsberghe
DG Energy – External Relations
BE NECP: COORDINATION PROCESS & BUILDING BLOCKS

Karen Geens

http://economie.fgov.be
NECP 2030: BE coordination

- **Steering Group Enover-NKC NEKP2030**
  - Co-piloted by Energy/Climate
  - Each entity represented by ministry of energy and ministry of environment
  - Mandated by Enover & National Climate Commission

- **Sub-working groups**
  - Energy & Climate projections group, supported by the Federal Planning Bureau
  - Specific groups per dimension, e.g. energy efficiency, climate, …

- **Main tasks**
  - Preparation of the NECP
  - Coordination and harmonisation of entity specific plans
  - Organisation of joint stakeholder consultation where needed

http://economie.fgov.be
NECP 2030: Building blocks

- Entity Specific plans
  + Interfederal energy pact

- Different regional processes

- Federal process
  - Federal Energy Strategy 30/03/18

http://economie.fgov.be
NECP Decarbonisation dimension - Renewables

- Link with revised RES directive under CEP (Clean Energy Package)
- BE coordination via Concere RES experts working group
- Mainly regional competences, with exception of offshore wind and biofuels

http://economie.fgov.be
RES 2030: OBJECTIVES & SCENARIO’S
RES share in Gross Final energy consumption

- WEM %
- WAM %

2005: 10.7 %
2010: 18.3 %
2015: 31.1 %
RES share in Gross Final energy consumption

- Transport (RES-T): 6.9% (2016), 20.6% (2030)
- Power (RES-E): 15.8% (2016), 40.4% (2030)
- Heating and cooling (RES-H): 8.1% (2016), 12.7% (2030)

http://economie.fgov.be
ELECTRICITY GENERATION FORECAST

- Nuclear energy
- Gas
- Wind
- Solar

Energy sources: 2020, 2025, 2030

http://economie.fgov.be
TOWARDS 2050

- Energy Pact: transition towards low-carbon society in 2050 in line with Paris Agreement and EU objective
- 100% RES-E
- 100% Renewable heating in buildings
  - 70-80% industrial thermal heating
- Transition towards zero-emissions vehicles
Next steps

Q1 – Q2 2019:

- Consultation process:
  - Advisory councils
  - Public questionnaire
  - Regional consultation

- EC recommendations

Finalisation by 31/12/19 - 01/01/20:

- Final NECP including missing elements such as RES trajectory

- Long-term emissions strategy (art. 15)

http://economie.fgov.be
Where can you find the draft BE NECP?

- https://economie.fgov.be/nl/publicaties/ontwerp-van-geintegreerd
- https://economie.fgov.be/fr/publications/projet-de-plan-national
- https://www.cnc-nkc.be/nl/reports
- https://www.cnc-nkc.be/fr/reports