

Responses

How to build scenarios from NECPs (extending the horizon, bridging the gap with updated EU energy and climate objectives).

- **Answer:** the NECPs are there to implement the Green Deal (Fitfor 55/RePowerEU booster); will receive guidance from DG ENER on aspects to consider HOW to reach Net Zero. They also reflect national approaches to reach Net Zero
- 1 Scenarios should all achieve the REPowerEU (2030) /Green Deal (2050) targets
- 2 They should be based on thorough analysis of the NECPs approaches and try to cluster those into groups (eg electrification, energy efficiency, Nuclear plus RES, Hydrogen plus RES etc)

Requirements for achieving meaningful, manageable and understandable (range of) scenarios for TYNDP assessments.

- Need to be able to manage uncertainty
- Transparency open-source model to get best possible input from user group
- Leaving room for uncertainty (sensitivities to be defined such as energy consumption, tech maturity..)

Requirements for robust scenario building that is agile enough to include trend changing information in a reasonable timeframe

- Scenario timeframes: 2025, 2030, 2040, 2050; complementary to MAF that only looks at supply meets demand, look at more immediate timeframe
- Well defined and transparently discussed sensitivities 'what if' (Russia cuts the gas/ power consumption doubles/ electrolysis delay/ centralized-decentralized/ technology breakthrough ...)
- What can be done fast when trends change ('time is of the essence': eg technology portfolio)