



Contribution to ACER's scenario guidelines - workshop 4

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

- The level of ambition of the RePowerEU package should be the starting point of scenarios, reflecting the most up to date policies of Member States.
- Assess not only 'Fit for 55' but also what 'Fit for 1.5°C' means.
- Scenarios need to clarify whether they build on TSOs' estimates, governments' objectives or other reflect other policy constraints and targets.

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

- Reflect the most relevant real world risks that energy transition is facing: How can the energy system still achieve targets if certain technologies or infrastructure are not rolled out swiftly enough?
- In order to illustrate one pathway that is in line with the Paris Agreement's 1.5°C objective, at least one scenario should show how to avoid massive overshooting of the carbon budget, e.g. by accelerating emission reductions.
- Add a cost analysis of different carbon removal technologies incl. infrastructure needs instead of assuming all technologies will have to be introduced anyway because of overshooting emissions.

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

- Review the methodology of the cost benefit analysis in order to allow for short-term updates of cost indicators e.g. to reflect changes in fossil fuel prices or investment costs.
- Run TYNDP modelling with open data open licence in open source software not only to increase transparency but also to enable updates and sensitivity analysis through independent researchers.

TYNDP consultations: Previous submissions

[CAN Europe submission to the consultation on the Ten Year Network Development Plan \(TYNDP\) 2022 Draft Scenario Report](#), November 2021

[CAN Europe submission to the TYNDP 2022 Storylines](#), December 2020

[CAN Europe feedback on ENTSOs' proposals for TYNDP 2022 storylines](#), July 2020

[CAN Europe submission to the consultation on the TYNDP 2020](#), December 2020

[CAN Europe comments on ENTSOs' interlinked model](#), August 2020

[Joint CAN Europe/EEB letter to the European Commission on TYNDP scenarios](#), February 2020

[CAN Europe submission to the TYNDP 2020 scenarios](#), January 2020

CAN Europe submission to the [ENTSOG annual work programme 2021](#), September 2020

CAN Europe submission to the [ENTSO-E annual work programme 2021](#), August 2020

[CAN Europe/F&W Europe briefing: Unveiling the costs of future fossil gas infrastructure](#), June 2021

[NGO briefing: A fossil free TEN-E regulation](#), March 2021

[NGO briefing: Beyond pipes and pylons](#), July 2020



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