



Contribution to ACER's scenario guidelines - workshop 3

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Requirements for origins of inputs (references, sources, validation efforts)?

- Publish carbon footprint of different carriers and technologies
- Reveal detailed sources for assumptions on efficiency, heating, flexibility options and investment costs of nuclear

Requirements for understandable explanations of assumptions and modelling choices?

- Mention EU-wide and national policy constraints that inform assumptions
- Improve comparability of key indicators, incl. costs of technologies and services

Requirements for understandable outputs?

- Allow for more contrasted scenarios, in particular on the demand side
- Instead of separate assessment of gas and electricity, integrate all networks and flexibility options at all levels in view of their contribution to reaching net-zero emissions

Appropriate data granularity, appropriate data formats (raw data, visualizations, ...)?

- Urgency of climate action requires a variation in time in scenarios: speed up emissions reductions to prevent overshoot
- Make comparisons easier (EU27/28, TYNDPs 2020-2024...)
- Source and location of H₂; installed (gas) capacities?

Openness of data and of the models (allowing replicability)?

- Cover all data with an open data license to make it available for free re-use for all stakeholders
- Run TYNDP modelling with open source software not only to increase transparency but also to encourage the sharing of innovative modelling approaches, further strengthen its quality and credibility

Handling potential input bias (e.g. by peer review, public discussions, etc.)?

- Introduce an independent peer review of the scenario building and modelling methodology, ensure a broader range of stakeholders is involved in defining key input parameters

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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