



# 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 H<sub>2</sub>; 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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