



European Union Agency for the Cooperation  
of Energy Regulators

# ACER Framework Guidelines On Scenarios

1<sup>st</sup> Workshop

19 July 2022

**PUBLIC**

Indicative time	Meeting items	Accompanying documents
14:00	<b>1. MEETING OPENING PART</b> <b>1.1</b> ACER <b>1.2</b> Scenarios and scenario development <b>1.3</b> ACER's role in developing framework guidelines	PPT
14:30	<b>2. STAKEHOLDERS' PRELIMINARY VIEWS</b> <b>2.1</b> Discussion of stakeholders' preliminary views	PPT
16:30	<b>3. CLOSING SESSION</b> <b>3.1</b> Next workshops <b>3.2</b> Conclusions and Action Points <b>3.3</b> AOB	
17:00	<i>End of meeting</i>	



Mute your microphone and keep it muted when not speaking



Raise hand or write in the chat to request the floor and wait until given the floor

- Unmute yourself and turn on your camera
- Identify the organisation you are representing



ACER will publish all materials supporting the workshops

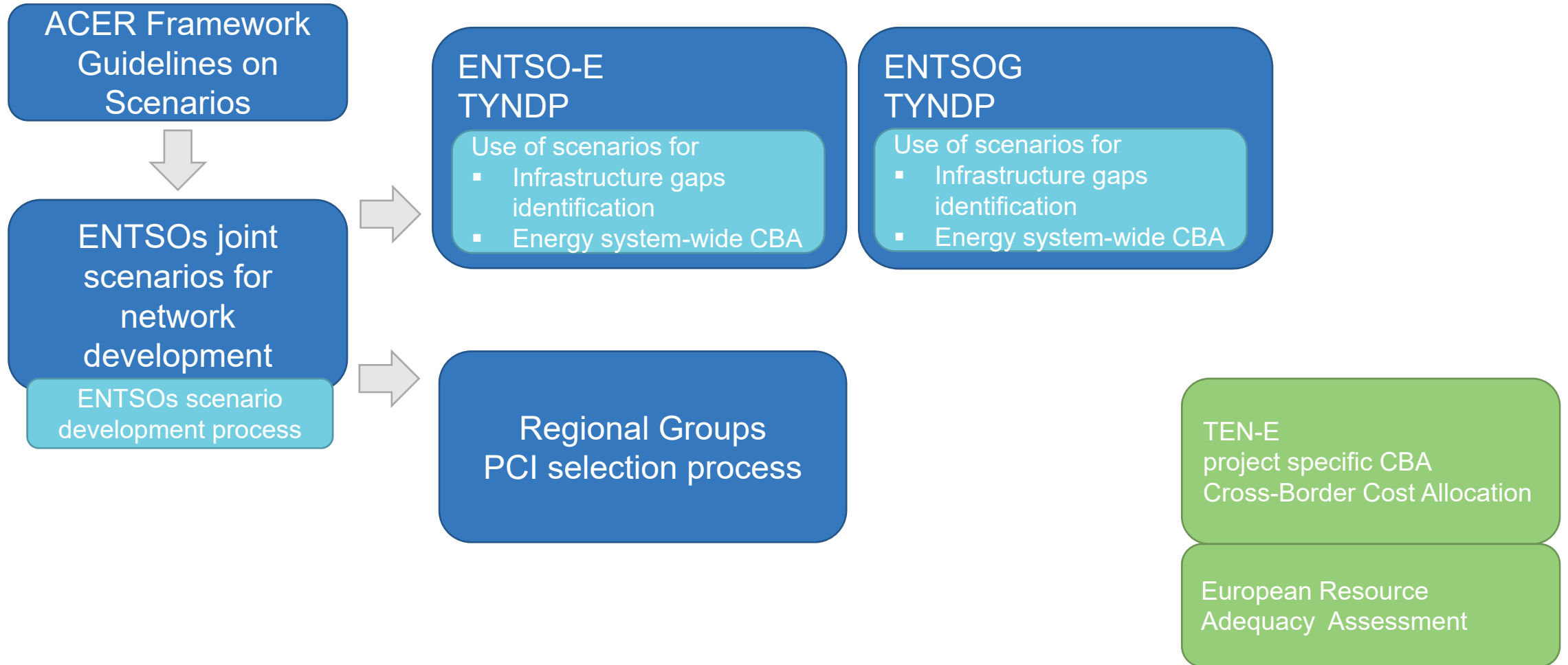
We may publish summary notes of the workshops

# 1.1 European Union Agency for the Cooperation of Energy Regulators

- Located in Ljubljana, Slovenia
- Operational since 2011
- Approximately 100 staff, covering over 20 (EU) nationalities
- Purpose: “The purpose of ACER shall be to assist the regulatory authorities [...] in exercising, at Union level, the regulatory tasks performed in the Member States and, where necessary, to coordinate their action and to mediate and settle disagreements between them [...]. ACER shall also contribute to the establishment of high-quality common regulatory and supervisory practices, thus contributing to the consistent, efficient and effective application of Union law in order to achieve the Union's climate and energy goals.”
- Cross-sectoral energy infrastructure team



# 1.2 Scenarios and scenario development



## 1.3 ACER's role in Framework Guidelines Article 12(1), TEN-E Recast



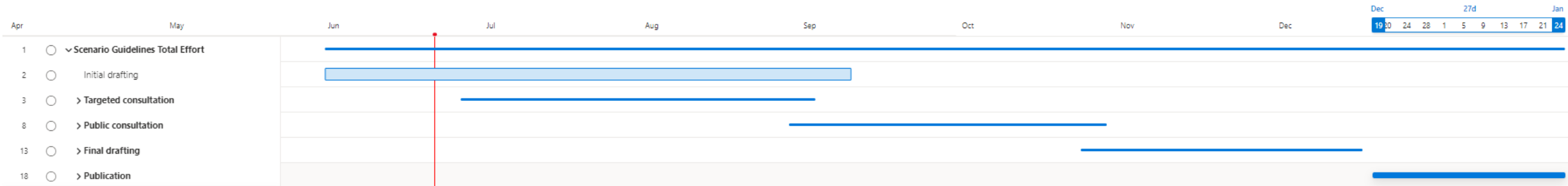
By 24 January 2023, the Agency, after having conducted an **extensive consultation** process involving the Commission, the Member States, the ENTSO for Electricity, the ENTSO for Gas, the EU DSO entity and at least the organisations representing associations involved in electricity, gas and hydrogen markets, heating and cooling, carbon capture and storage and carbon capture and utilisation stakeholders, independent aggregators, demand-response operators, organisations involved in energy efficiency solutions, energy consumer associations and civil society representatives, shall **publish the framework guidelines for the joint scenarios** to be developed by ENTSO for Electricity and ENTSO for Gas. **Those guidelines shall be regularly updated as found necessary.**

The guidelines shall establish **criteria for a transparent, non-discriminatory and robust development of scenarios** taking into account best practices in the field of infrastructures assessment and network development planning. The guidelines shall also aim to **ensure that** the underlying ENTSO for Electricity and ENTSO for Gas **scenarios are fully in line with the energy efficiency first principle and with the Union's 2030 targets for energy and climate and its 2050 climate neutrality objective** and shall **take into account the latest available Commission scenarios, as well as**, when relevant, the **national energy and climate plans**.

The European Scientific Advisory Board on Climate Change may, on its own initiative, provide input on how to ensure compliance of scenarios with the Union's 2030 targets for energy and climate and its 2050 climate neutrality objective. The Agency shall take duly into account that input in the framework guidelines referred in the first subparagraph.

The Agency shall provide reasons where it has not, or has only partly, taken into account the recommendations from Member States, stakeholders and the European Scientific Advisory Board on Climate Change.

# 1.3 ACER's role in Framework Guidelines Process - planning



Extensive stakeholder consultation under a tight timeline

- Consultation of particular stakeholders\* through technical workshops: July-August 2022
- Public consultation: October 2022

\* the Commission, the Member States, the ENTSO for Electricity, the ENTSO for Gas, the EU DSO entity and at least the organisations representing associations involved in electricity, gas and hydrogen markets, heating and cooling, carbon capture and storage and carbon capture and utilisation stakeholders, independent aggregators, demand-response operators, organisations involved in energy efficiency solutions, energy consumer associations and civil society representatives

# 2. Stakeholders' preliminary views

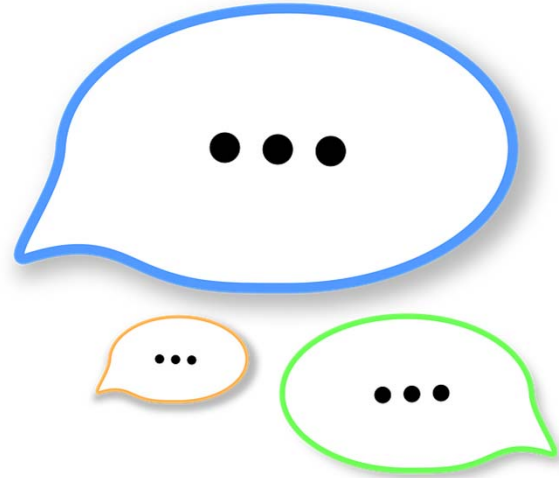


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Summary and discussion







What is the main issue of stakeholder involvement in the current scenario development process?

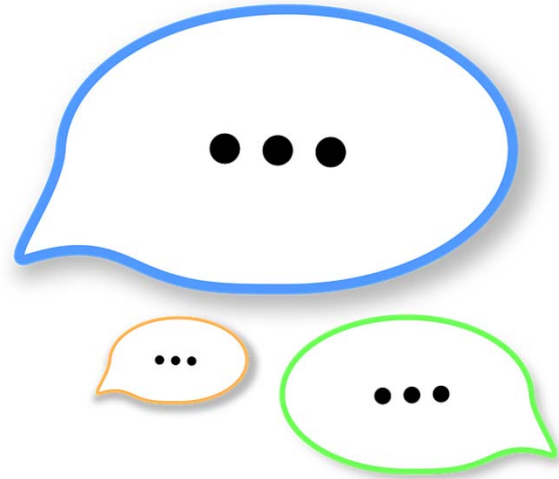
### Polling instructions

- type 1- or 2-word responses - OK “consumers”, “consumer data” – NOT OK “lack of consumer data”
- Multiple entries can be submitted – maximum of 3 entries per organization suggested

## 2.1 Discussion of stakeholders' preliminary views

- Transparency of the scenarios:
  - Develop a harmonized and streamlined process of cooperation and data gathering at national level, between TSOs and national or regional DSO associations - **CEDEC**
  - Greater data sharing and information transparency – **Regulatory Assistance Project**
  - Publicity and accessibility of data on the underpinning assumptions (e.g. critical parameters like smart EV charging; volume of electrification vs heat networks in heat; volumes of use of H2 and where; volumes of RES) combined with easy to interpret forms, especially from regulators - **E3G**
  - Allow an independent scientific assessment of the scenario building and results, through open source modelling and open licence data sets - **European Climate Foundation**
  - Better understanding of the investment options (e.g. CBAs) included in the scenarios and their level of uncertainty - **E3G**





What is the main issue of transparency in the current scenario development process?

### Polling instructions

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## 2.1 Discussion of stakeholders' preliminary views

- Scenarios to be in line with policy targets:
  - Include uptake of both onshore and offshore wind, without favouring one technology over the other - **Wind Europe**
  - Align scenarios with policy tools such as, NECPs, Fit-for-55 - **BEUC**
  - Reflect the need for an accelerated energy transition in Europe, while meeting the 1.5°C objective of the Paris Agreement - **CAN Europe**
  - Be compliant with the decarbonization targets and take into account space availability, environmental protection goals and the biodiversity strategy, and the need to reduce dependency from imports – **Renewables Grid Initiative**
  - Enhance SoS policy (natural gas supply sources – LNG, storage, biomethane, syngas) - **Gas Infrastructure Europe**





What is the main issue for aligning the scenarios to the policy objectives in the current scenario development process?

### Polling instructions

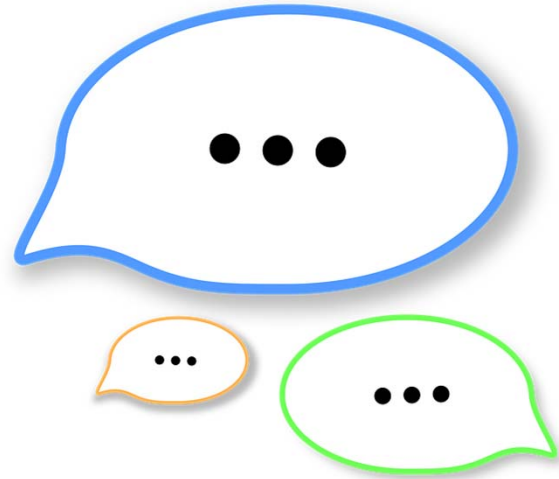
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## 2.1 Discussion of stakeholders' preliminary views

- Considering efficiency:
  - Application of the Energy Efficiency First principle – **smartEn, Iberdrola**
  - Overall market efficiency – **Europex, Iberdrola**
  - Demand side response as an efficiency measure - **smartEn**
  - Optimisation across the entire energy system to deal with scarcity, including scarcity of space and resources – **Renewables Grid Initiative**







What is the main issue of considering efficiency in the current scenario development process?

### Polling instructions

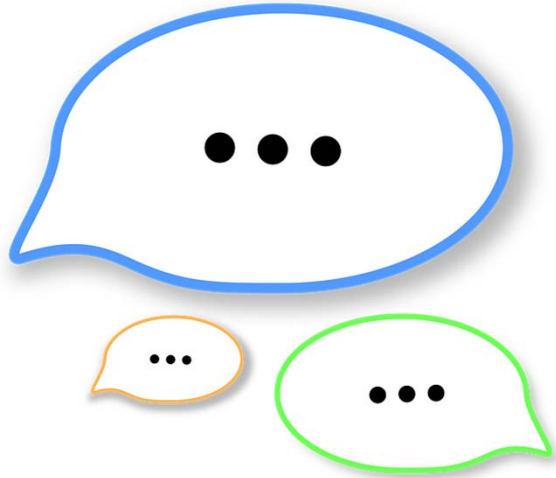
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## 2.1 Discussion of stakeholders' preliminary views



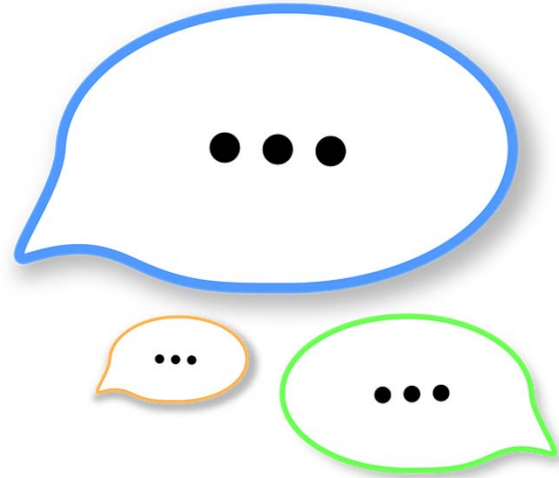
- Considering emerging technologies:
  - Include direct electrification into scenario development - ***Wind Europe, Gas Infrastructure Europe***
  - Set a more clear role of Hydrogen - ***Hydrogen Europe, European Heating Industry***
  - Incorporate technologies that will provide flexibility to the energy systems - ***EDSO for smart grids***
  - Consider non-grid solutions, taking up technology solutions and related hype cycle - ***Current Europe***
  - Further development and incorporation of demand side resources in scenario planning - ***Regulatory Assistance Project***
  - Ensure assumptions are based on latest best views of technology and system user (especially consumer) behaviour – ***E3G***



What is the main issue to take into account emerging technologies in the current scenario development process?

### Polling instructions

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Is there any other key issue in the current scenario development process that the guidelines may address?



## Polling instructions

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# 3. Closing session

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3.1 Next workshops

3.2 Conclusions and action points

3.3 AOB

- Schedule and topics



DATE	TOPIC
26 July 2022	Stakeholder involvement (how to implement an inclusive process as part of the guidelines)
29 July 2022	Transparency of scenario inputs, models, outputs (how to prescribe transparency in the guidelines)
2 August 2022	Scenario alignment with NECPs, REpowerEU
5 August 2022	Considering efficiency, hydrogen, non-grid solutions in scenarios



# Thank you! Any questions?

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