

Role of joint ENTSOs scenarios

- role and purpose -

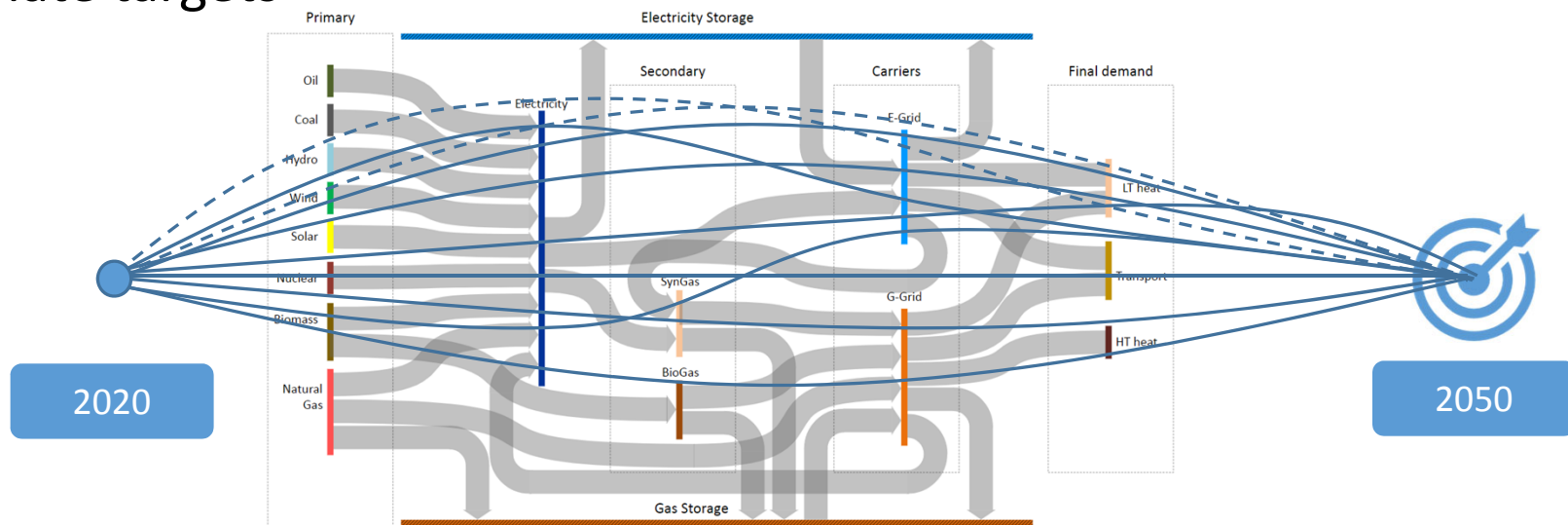
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Scenarios – our context

- Climate challenge and need to decarbonize is increasing
- EU's ambition on a new Green Deal
- Energy has to make important contribution
- Electricity and gas infrastructure should be prepared

Scenarios – the challenges

- There is an unlimited number of pathways to reach the EU Energy and Climate targets



- How can electricity and gas infrastructure support any of those pathways?

Scenarios – our approach

Scenarios aim at capturing a broad range of possible futures
They look at contrasted ways the infrastructure can be used

National Trends
the central policy scenario

- What infrastructure is needed to meet EU targets with the policies developed by the Member States in their National Energy & Climate Plans?

Distributed Energy

Global Ambition

Two contrasted COP21 scenarios

- What if the energy and climate ambitions become more ambitious? What impact on the infrastructure?

Scenarios – legal framework

EU Regulation 347/2013 requires that ENTSOs **use scenarios** for their respective **Ten-Year Network Development Plans (TYNDPs)**

- Scenarios are not forecasts
- ENTSOs scenarios are not attached to any probability of materialising
- The future can be a combination of all of them at different paces
- ENTSOs scenarios are not designed to deliver an assessment of the EU / Member States' policies
- ENTSOs scenario aim at delivering an assessment of infrastructure needs under various possible developments

Scenarios – the collaboration

- The joint ENTSOs scenario building involves the contributions from over 80 electricity and gas TSOs, and is considering views from numerous stakeholders, ranging from EC and ACER to market representatives and NGOs.
- ENTSOs scenario report and scenario methodology report are
 - published in a transparent way, allowing understanding of the assumptions and methods
 - only finalized after public consultation
- This collaborative process enables robust and transparent assessment - with an interlinked model - of any gaps in existing infrastructure and of the projects collected from promoters all over Europe.

THANK YOU FOR YOUR ATTENTION

**Contact and feedback:
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