

# Task Force scenarios

18.05.2021

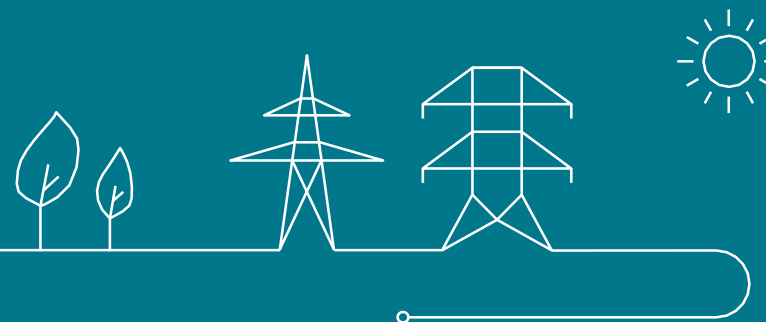


# Agenda

	Start	End	Timing	Topic
1	15:00	15:10	00:10	Welcome to the Task Force
2	15:10	15:30	00:20	Feedback Received on " <i>Terms of reference</i> "
3	15:30	15:50	00:20	Annual process & planning
4	15:50	16:10	00:20	Workshop topics
5	16:10	16:20	00:10	Call for evidence
6	16:20	16:25	00:05	Practical modalities
7	16:25	16:30	00:05	Closing remarks



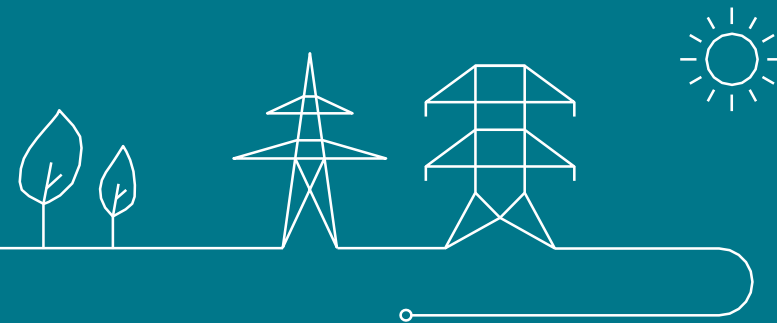
# Welcome to the task force!



# The goal of the task force scenarios



# Feedback received on the “terms of reference”



# Overview of the feedback received

- Elia received non-confidential answers to the public consultation from 3 different entities:
  - FEBEG
  - Febeliec
  - Belgian Offshore Platform
- Elia is pleased with the feedback and wishes to express its gratitude towards the stakeholders for helping to improve the framework of the task force.
- In answer to the feedback...
  - Elia has summarized recurring remarks\* in the next slides to address them here in this task force.
  - Elia has drafted an official response document which will be published on the website after this kick-off meeting
  - Elia has integrated many remarks in a new version of the TOR, which will also be published on the website



# Recurring feedback received



1. **Goals:** *Consensus-building was mentioned as a missing goal in the Terms of Reference for the Task Force.*



2. **Scope:** *It is not possible to limit ourselves to evidence-based data, especially for events taking place in the future.*



3. **Composition:** *What is the meaning of a 'balanced composition' and how are you going to monitor this over the years?*



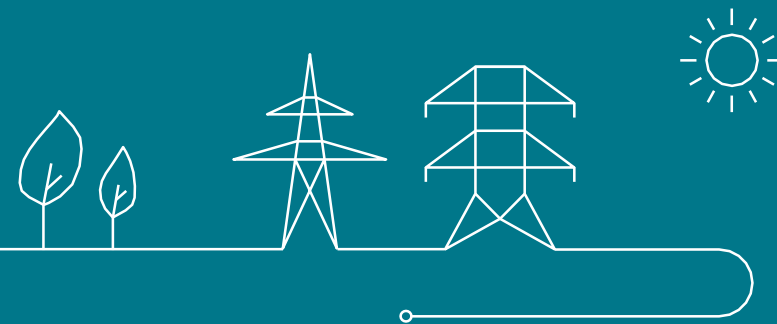
4. **Annual process:** *A more detailed idea of the annual process is necessary to estimate work load.*



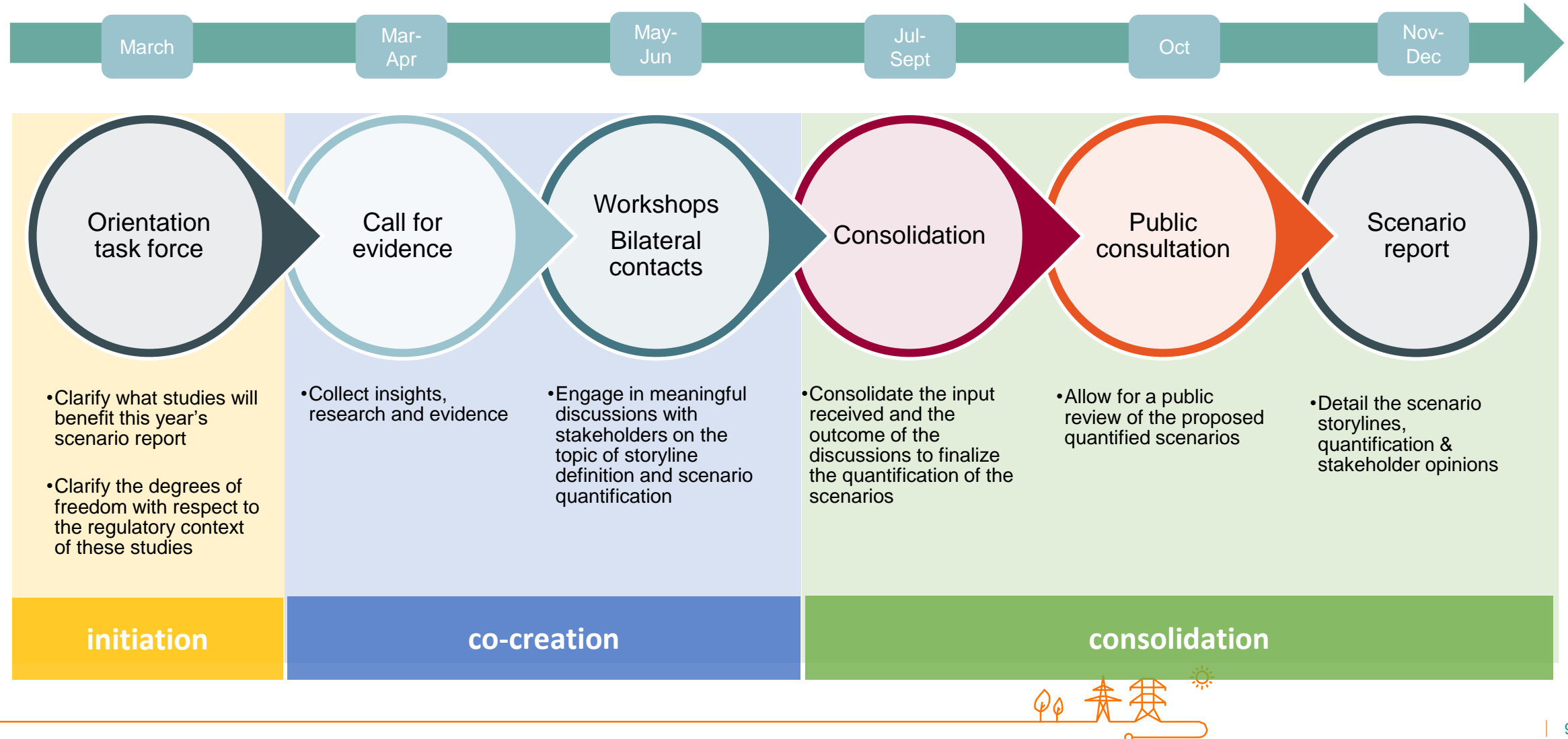
# **Annual process**

## **Adaptation for 2021**

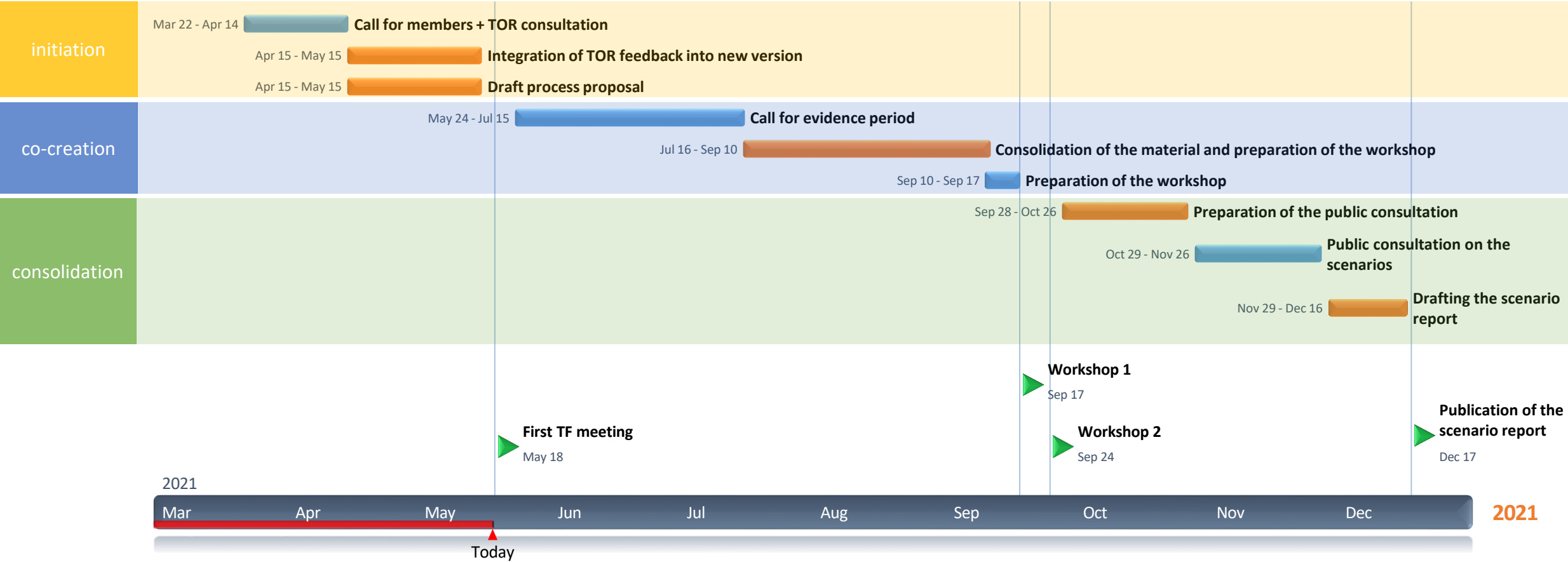
### **Link between scenario report and studies**



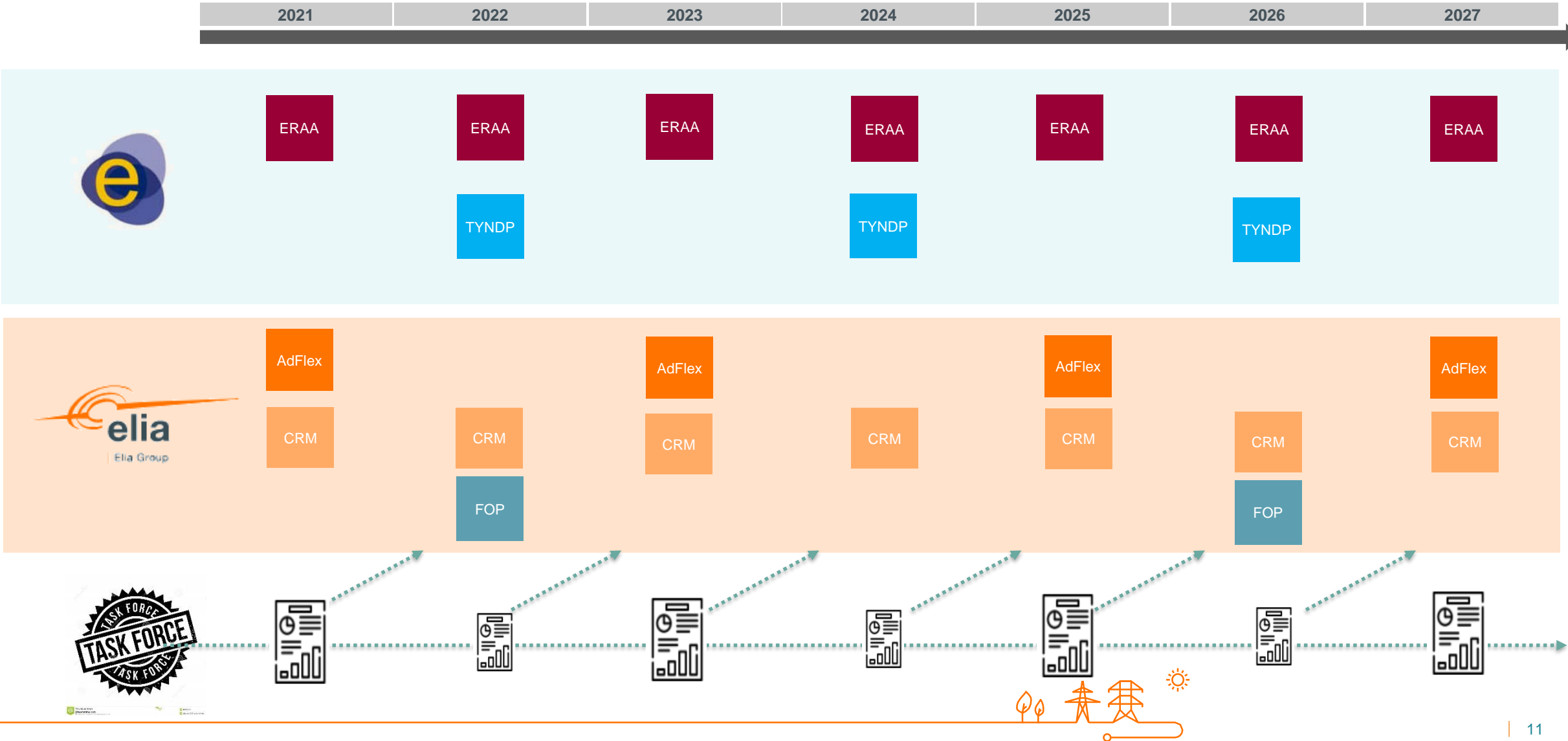
# Annual process (from 2022 onwards)



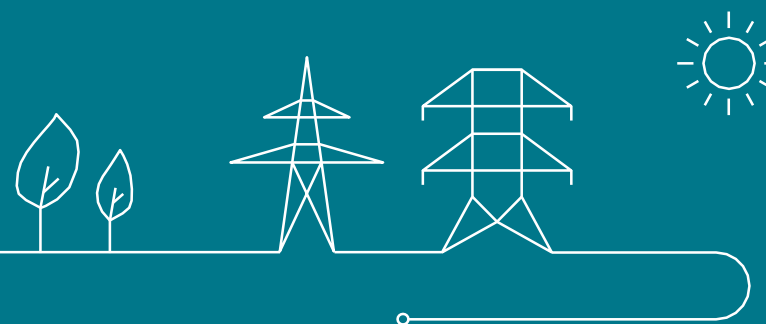
# Approximate planning for 2021



The scenario report supports Elia and ENTSO-e studies.  
Given the recurrence of economic studies, a bi-annual LT focus is preferred



# Workshop topics



# Workshop topics proposal

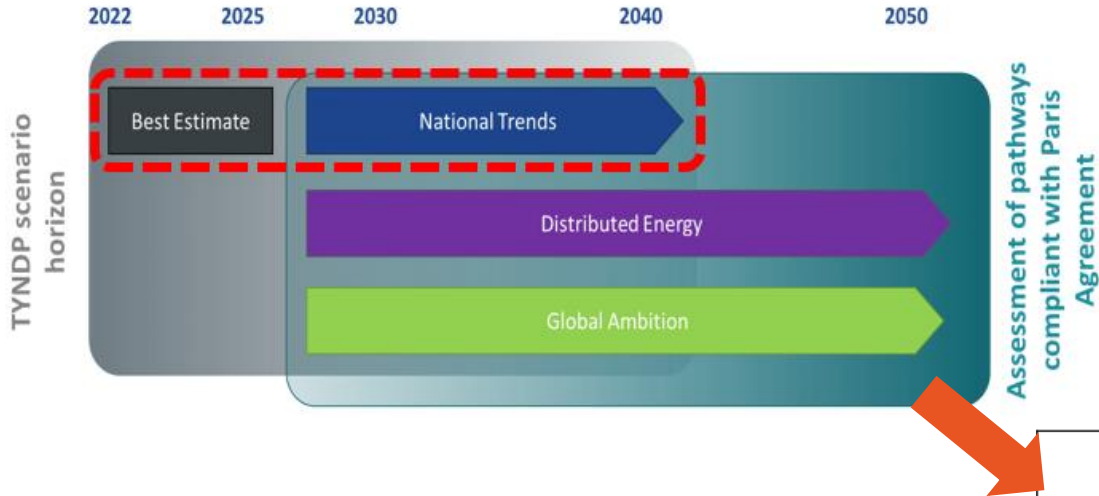
- **Workshop topic #1 : Definition of Storylines (High Level Scenarios)**
- **Workshop topic #2 : Flexibility in consumption**
- **Other topics ?**

## Process for other proposals

- ❖ 2 workshops are planned for this year
- ❖ After this kick-off Task Force, stakeholders can still propose alternative workshop topics for consideration.
- ❖ **Deadline – Sunday 23<sup>rd</sup> May 2021 EOD** via the Usersgroup mailbox.
- ❖ Elia will analyze the feedback received and consider whether these suggestions qualify as more relevant alternative workshop topic(s). If so these alternative proposal(s) therefore would replace the proposal presented by Elia during the Task Force.
- ❖ The feedback should clearly indicate that there is common interest from several stakeholders and that sufficient material can be provided to support the discussion.



# Workshop topic #1 : Starting from latest ENTSOs TYNDP storylines



## Call for Evidence process

- stakeholders should provide enough evidence in order to quantify their proposed variants

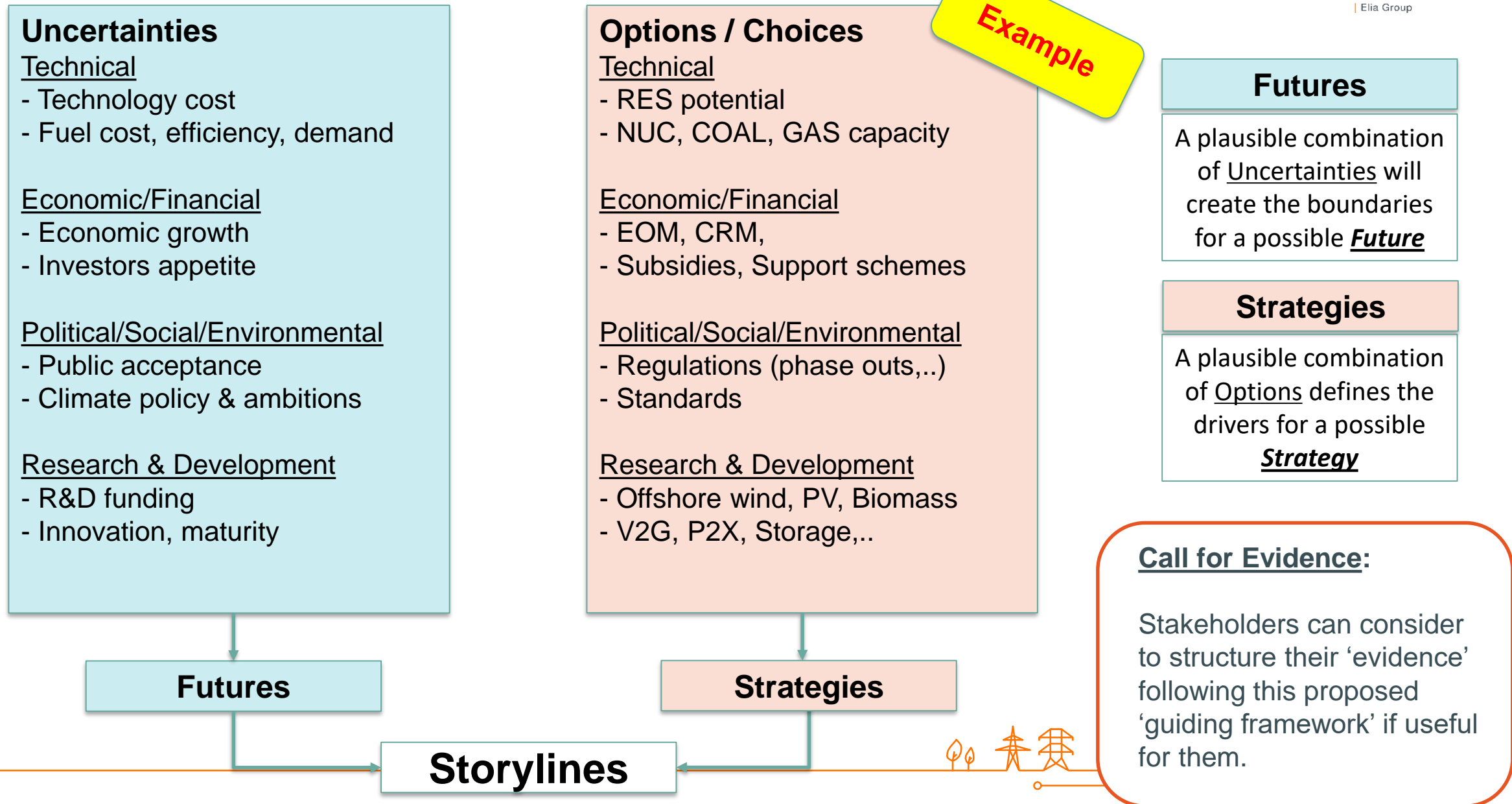
## Call for Evidence:

- Do you see the necessity to create Belgium specific variants on the TYNDP storylines?
- What are the main drivers according to you ?

	Distributed Energy	Global Ambition
	European autonomy with renewable and decentralised focus	Global economy with centralised low carbon and RES options
Green Transition	At least -55% reduction in 2030, climate neutral in 2050	
Driving force of the energy transition	Transition initiated on local/national level (prosumers)	Transition initiated on a European/international level
	Aims for EU energy autonomy through maximisation of RES and smart sector integration (P2G/L)	High EU RES development supplemented with low carbon energy and imports
Energy intensity	Reduced energy demand through circularity and better energy consumption behaviour	Priority is given to decarbonisation of energy supply. Increased economic activity offsets some of the energy savings.
	Digitalisation driven by prosumer and variable RES management	Digitalisation and automation reinforce competitiveness of EU business and industry, leading to increase export of goods.
Technologies	Focus of decentralised technologies (PV, batteries, etc) and smart charging	Focus on large scale technologies (offshore wind, large storage)
	Focus on electric heat pumps and district heating	Focus on hybrid heating technology
	Higher share of EV, with e-liquids and biofuels supplementing for heavy transport	Wide range of technologies across mobility sectors (electricity, hydrogen and biofuels)
	Minimal CCS and nuclear	Integration of nuclear and CCS



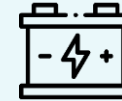
# Workshop topic #1 : Guiding framework on storylines\*



# Workshop topic #2 : Flexibility in consumption

## Relevant technologies

- Demand-side response shedding/shifting
- Impact of aggregators, consumer participation, new products
- Electric vehicles
- Heat pumps
- Batteries
- Other technologies?



Target year 2040, 2050

How to quantify this flexibility ?



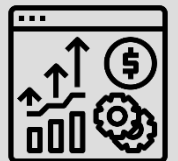
## Potential and technical availability-capability

- Technical potentials per industrial/customer sector
- Energy constraints per industrial/customer sector
- Temporal variation of flexibility constraints and availability (length of activations, number of activations per day, week, period between activations, ramping capabilities)

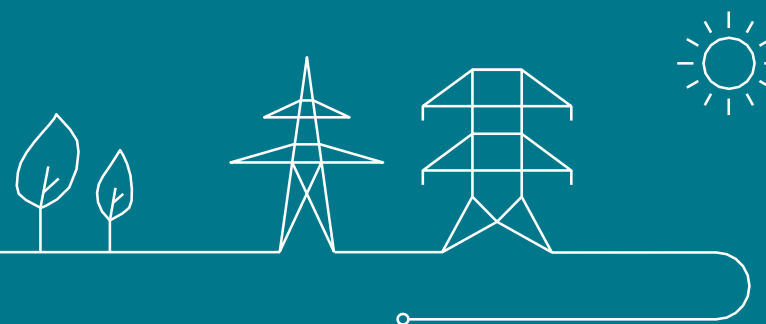


## Economic indicators

- Flexibility 'merit orders' (EUR/MWh\_flex)
- Annual fixed costs and one-off CAPEX costs
- Share of Flexibility in electricity consumption per industrial /customer sector



# Call for evidence

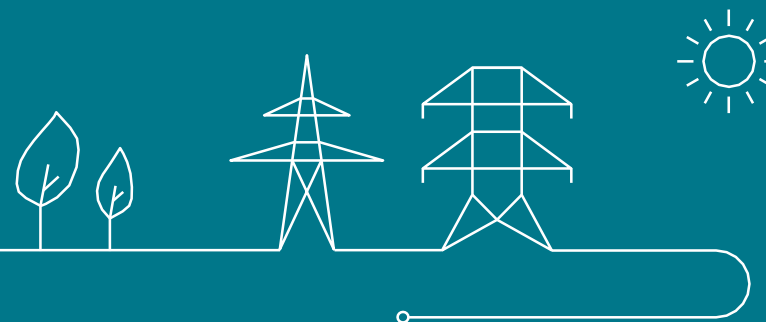


# Call for evidence

- The call for evidence focuses on the topics that are to be discussed in the upcoming workshops.
- These topics will either remain the suggested topics by Elia, or should stakeholder so desire, the ones suggested by them.
- Elia will clearly communicate on the topics when launching the public consultation.
- It provides opportunity for all stakeholders to share their insight, research and evidence on these topics.
- Material on other topics is of course also welcome, and will be integrated by Elia when quantifying parameters on topics that are not part of the workshops.
- The call for evidence will be launched shortly and will be open until 15/7/2021.
- Elia will publish an overview of all input received thereafter.

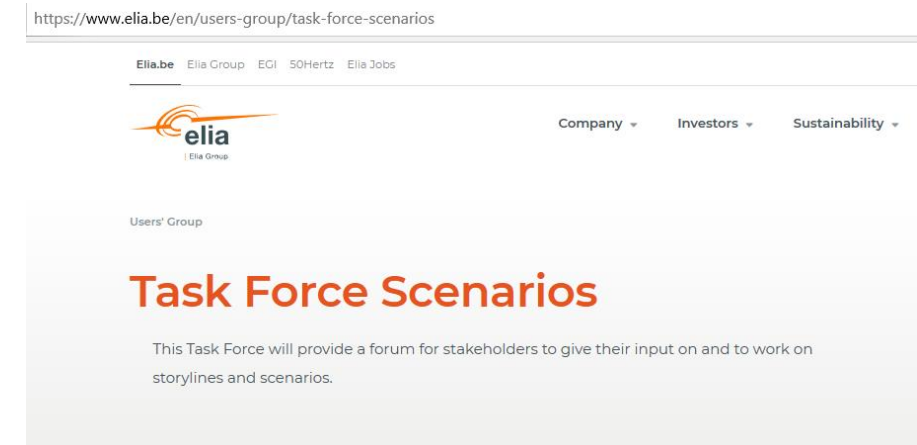


# Practical modalities



# Practical modalities

1. “Call for evidence” will be done via the Elia website
  - An e-mail will be sent when the “call for evidence” has been opened
  - Possibility to upload all your documents on the Elia website
2. Elia has set up a webpage dedicated to the Task Force Scenarios
  - Meetings will be put on the calendar
    - First workshop 17/09 – afternoon
    - Second workshop 24/09 – afternoon
  - Documents presented in meetings will be made available here
3. Specific communication with Elia can be done through the Usersgroup mailbox.
  - Additional questions / remarks



**Merci.**

