Long-Term Energy Scenario Network

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4th International Forum on LTES

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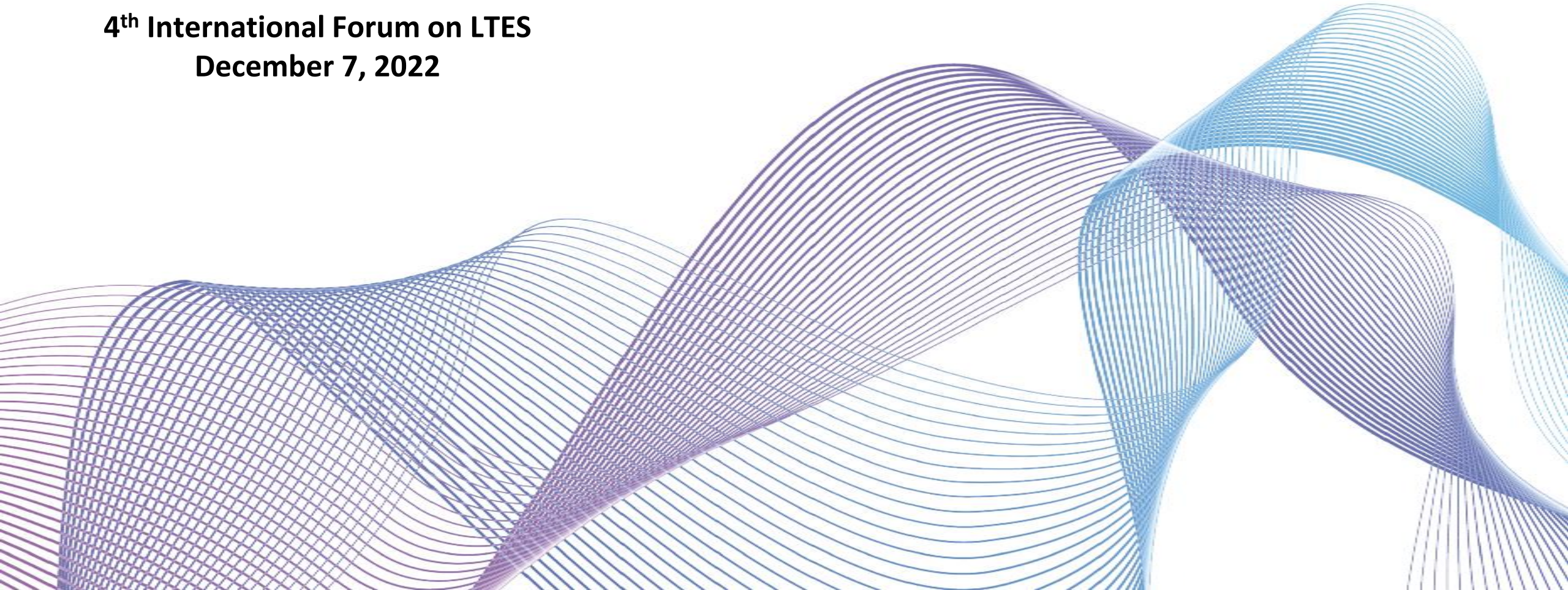
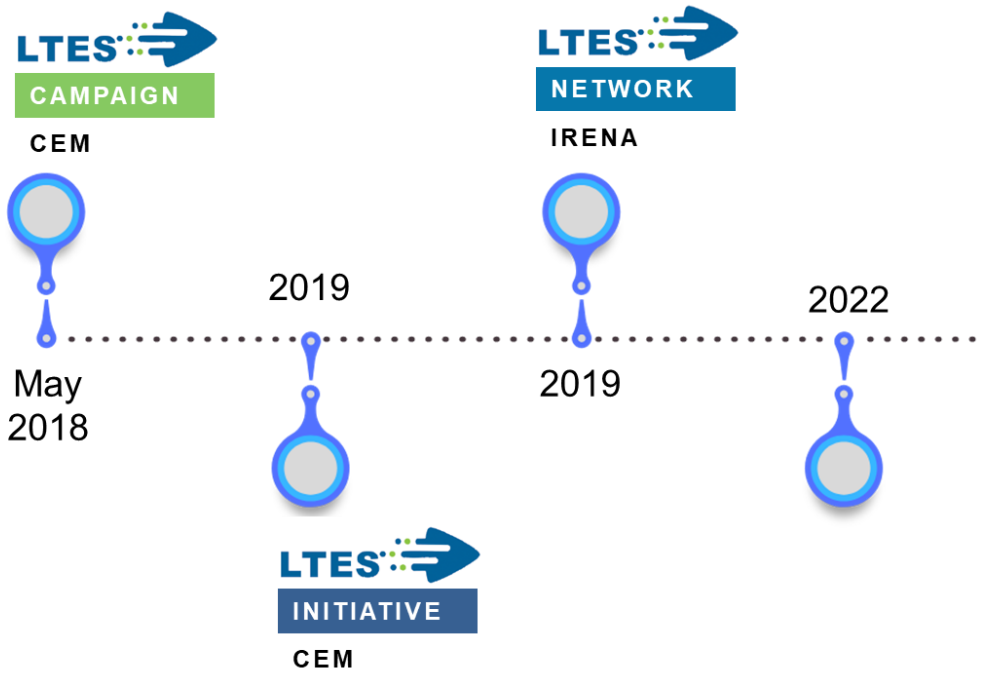


Overview



26 government planning institutions

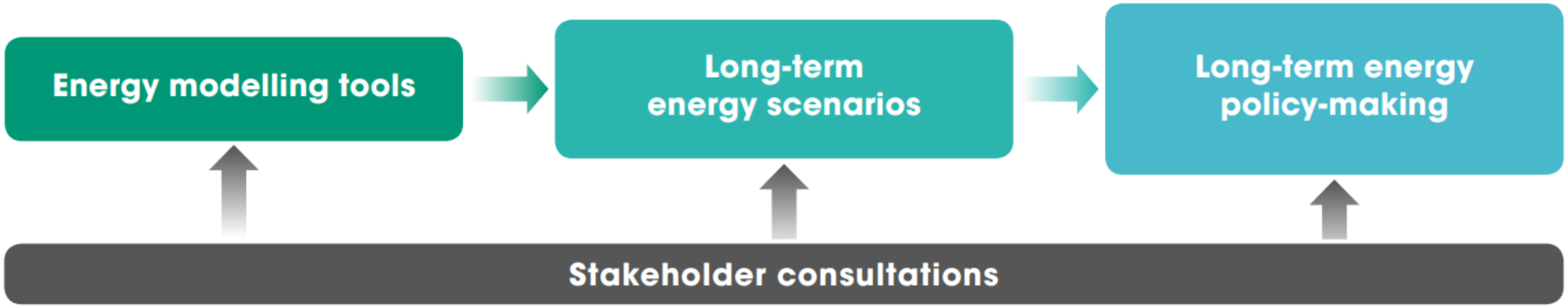
Austria	Cyprus	Italy	Portugal
Bosnia and Herzegovina	Denmark	Japan	Saudi Arabia
Brazil	Dominican Republic	Kenya	United Arab Emirates
Canada	El Salvador	Latvia	United Kingdom
Chile	Finland	Lithuania	
Colombia	Germany	Mexico	
Costa Rica	Ghana	Netherlands	
		Philippines	

12 Partners technical institutions supporting government

- Provides a global platform to **exchange knowledge and good practices.**
- It aims to promote wider and more effective use of LTES **in government for energy and climate policymaking.**

The mental model of the LTES

How are scenarios developed and used in the energy planning process?



Focus of the LTES Network

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01

Strengthening scenario development

Key Question:

How can scenarios be developed to better account for potentially transformational changes?

02

Improving scenario use

Key Question:

How can scenarios be better used for strategic decision-making by governments and investors?

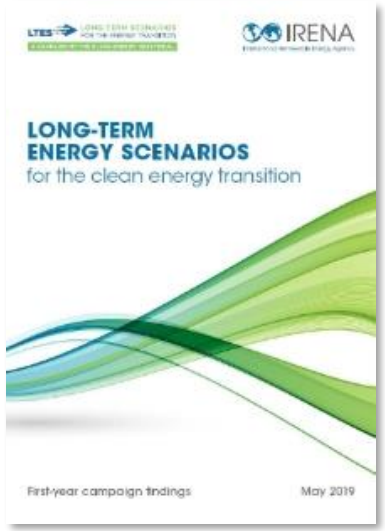
03

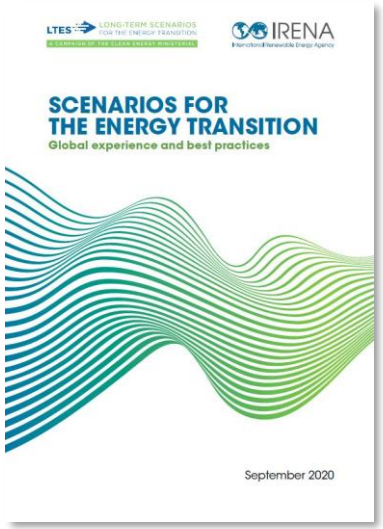
Identifying capacity-building approaches

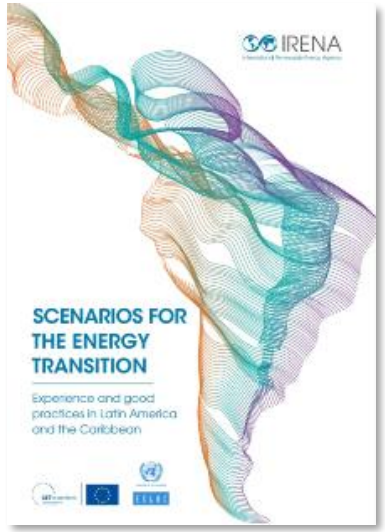
Key Question:

What approaches can enhance institutional capacity for scenario planning?

Our findings







Africa Report
To be published

Alignment of LTES and LT-LEDS
To be published

Fundamental tool for policy making

- National policymaking
- Public opinion
- Build consensus
- Explorative tool

What is new?

- Global decarbonization agreements
- Massive technology innovation

Long-term visions for clean energy transition

- Avoiding risks
- Represent transformative changes

+50 countries examples over 70 international and regional events and webinars organized.

01

STRENGTHENING SCENARIO DEVELOPMENT

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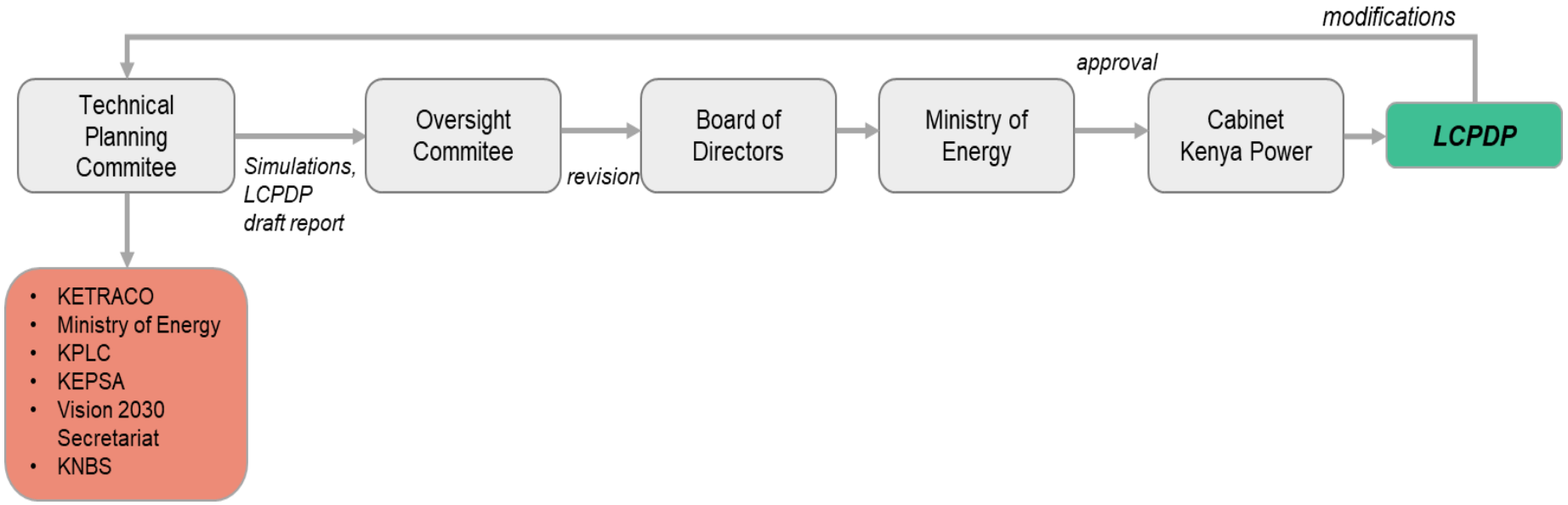
Establishing a strong governance structure

Co-ordination among LTES entities

Two levels:

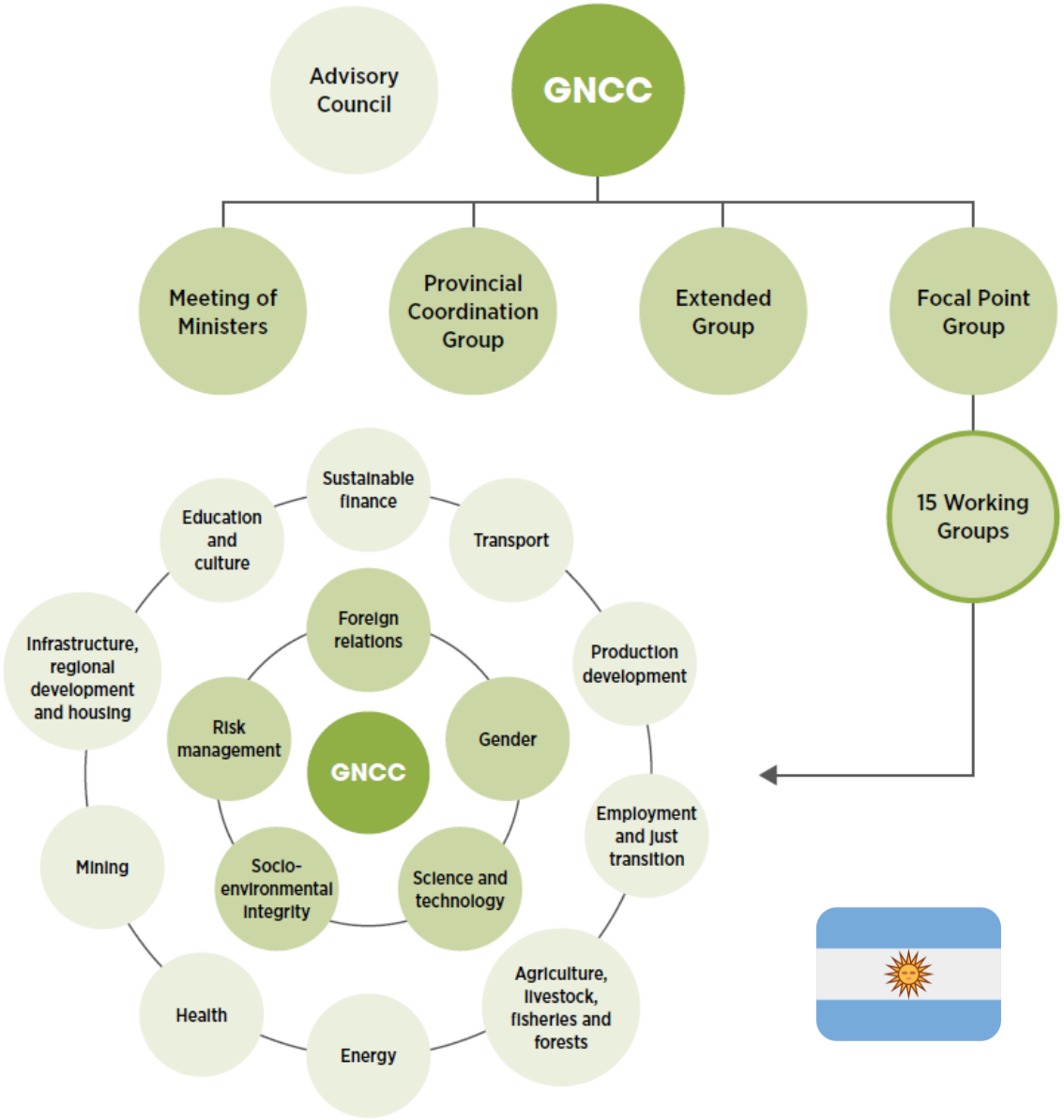
1. Between the institutions developing official LTES and institutions conducting technical studies for different segments of the power system.
2. Between institutions from different sectors developing scenarios



Establishing a strong governance structure

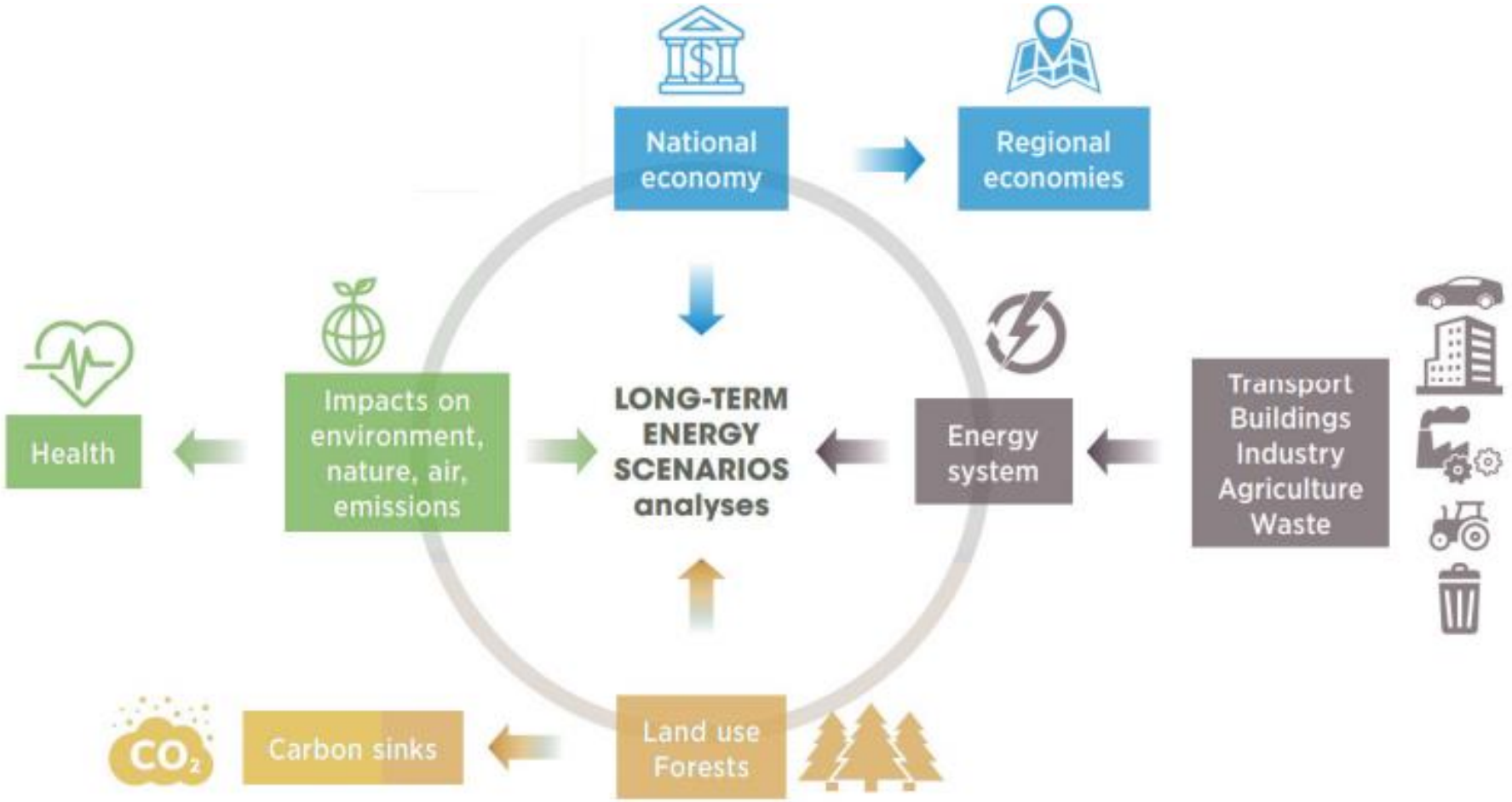
Participatory processes

- Create shared visions
- Ensure a just and inclusive energy transition
- Build trust



Expanding the boundaries of LTES

Inclusion of multiple sectors translates into a broader scope for LTES



02

IMPROVING SCENARIO USE

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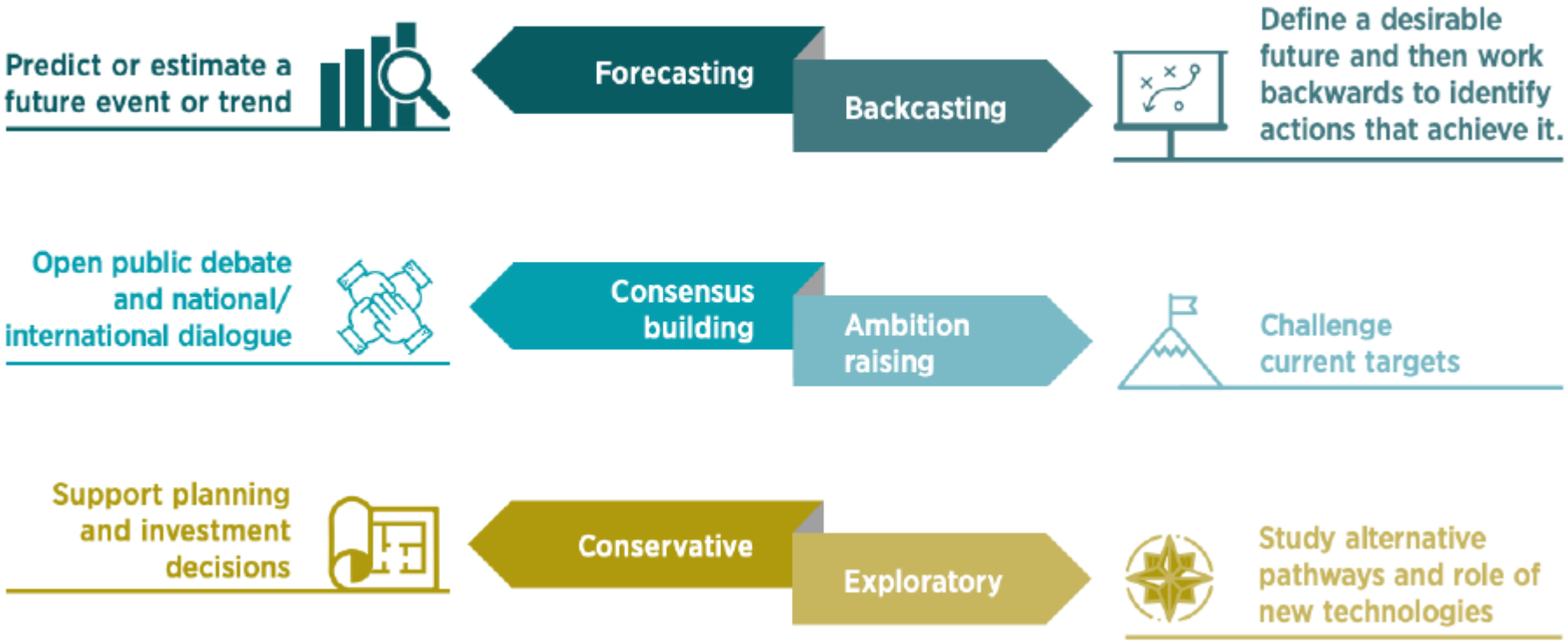
Clarifying the purpose of scenario-building

Types of uses of LTES for planning the clean energy transition



e.g., recommendations and policy measures, to increase climate action, exploration of stringent measures, planning and investment decisions.

03

IDENTIFYING CAPACITY-BUILDING APPROACHES

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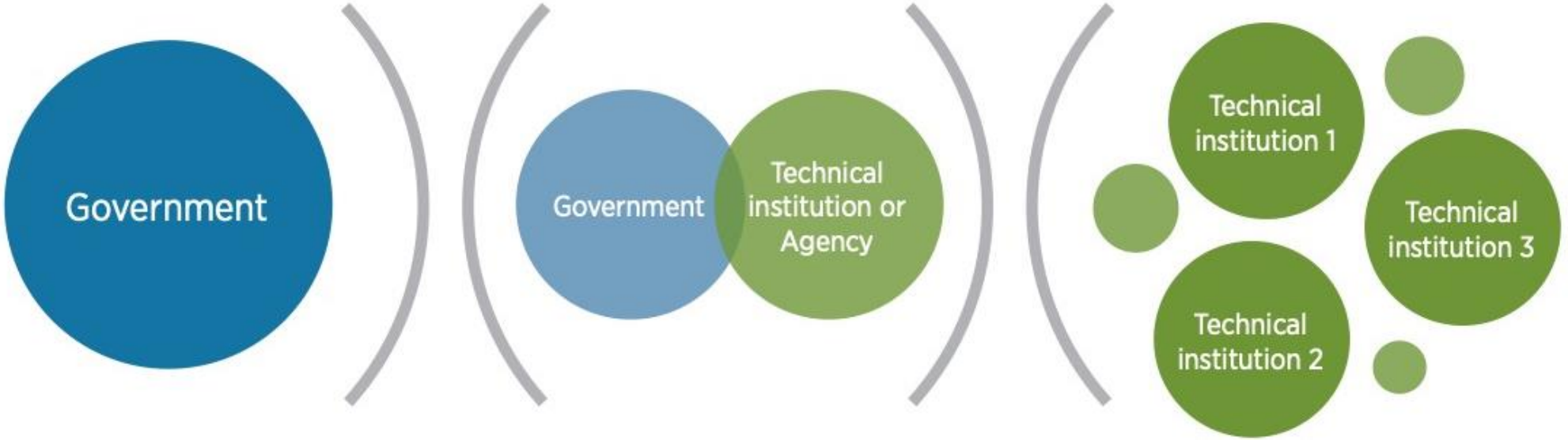
Building the right type of capacity

In-sourcing
LTES capacity allocated solely within ministries or energy agencies

50/50

Out-sourcing
LTES capacity out-sourced to research/ technical institutions or consultations



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THANK YOU!