

# The Network for Networks



**GEODE Board Meeting  
12 December 2023**



# The Network for Networks



## Point I. Introduction





# Agenda

9:30 – 12:00



I.	9:30	<b>Introduction</b> <ul style="list-style-type: none"><li>• Welcome - <i>Hans Kreisel, GEODE Chairman</i></li><li>• Approval of the agenda</li></ul>
II.	9.35	<b>Administration</b> <ul style="list-style-type: none"><li>• Approval of the Board Meeting minutes from 14 September 2023</li><li>• Questions on the GEODE Report of Activities since last Board Meeting</li><li>• Report on Financial Situation as of 30.10.23</li></ul>
III.	09:50	<b>GEODE Budget 2024</b> <ul style="list-style-type: none"><li>• GEODE Budget 2024 proposal</li><li>• Discussion</li></ul>
IV.	10:20	<b>Update on EU energy policy developments</b> <ul style="list-style-type: none"><li>• Presentation by Secretariat</li></ul>
V.	10:50	<b>Coffee Break</b>
VI.	11:00	<b>Presentation: IEA Report “<i>Electricity Grids and Secure Energy Transitions</i>”</b> <ul style="list-style-type: none"><li>• <i>Rena Kuwahata, Energy Analyst Power System Transformation Renewables Integration and Secure Electricity, International Energy Agency</i></li><li>• Discussion</li></ul>
VII.	11:25	<b>GEODE Strategy Discussion (I): Action plan on Grids - GEODE's key messages on Grids</b> <ul style="list-style-type: none"><li>• Update by Secretariat and discussion</li></ul>
VIII.	11:40	<b>Spring Seminar 2024</b> <ul style="list-style-type: none"><li>• Preliminary discussion on the topics</li></ul>
IX.	11:50	<b>Miscellaneous</b>
X.	12.00	<b>Next meeting, GRANADA 8 February 2024 (physical)</b>

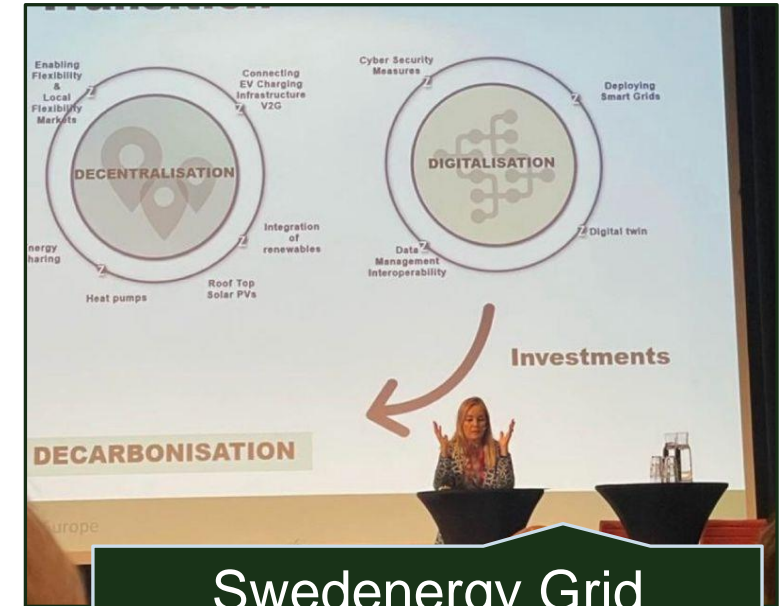
# Questions on GEODE Report of Activities



Meeting WG Innovation & Development, Munster



Autumn Seminar, Granollers (ES)



Swedenergy Grid Conference, Arlanda (SE)

# Questions on GEODE Report of Activities



ENLIT 2023, Paris



CEER Annual Conference, Brussels



Energy Data Summit Europe, Brussels



# The Network for Networks



## **Point II. Administration**



# Administration - Items



- Approval of the Board Meeting minutes from 14 September 2023
- Questions on the GEODE Report of Activities since last Board Meeting
- Report on Financial Situation as of 30.10.2023

# The Network for Networks



## Point III. Budget 2024





# Background



In order to build **GEODE Annual Budget 2024**, the following points have been considered:

- Main elements of **GEODE Annual Plan 2024**
  
- GEODE Budget 2024 considering the economical & market framework:
  - **Incomes: Lower Incomes in 2024**
    - 5 members leaving GEODE = - 35.394'-€
    - 1 new member = + 13.000'-€
  
  - **Expenses: Higher Expenses 2024**
    - Inflation of approximately 4-5 % (BE)
    - Indexation of salaries of approx 2 % (BE)
    - Increase of other ordinary costs
    - Increase “physical” activity post pandemic = more physical meetings, more & higher travel expenses, etc...
  
  - **Staff “volatility”**

# Next Steps

- Board Meeting on 12/12 (online)
  - Discussion of Draft Budget 2024
  - Decision on membership fees - **increase to be decided (in case)**
  - Endorsement Budget 2024- Board Meeting 8 February 2024 (Granada)
- Membership fees to be issued during second half of January 2024
- Formal approval of GEODE membership fees and budget 2024 by General Assembly on 22 May 2024



# Budget 2024 – Incomes



	Incomes / Members contributions		
100		Membership Fees 2023	Membership Fees 2024
101	Contrib. Spain	38.661	38.661
102	Contrib. France	6.246	6.246
103	Contrib. Germany	254.950	237.523
104	Contrib. Austria	90.580	90.580
105	Contrib. Sweden	86.178	75.310
106	Contrib. Denmark	16.926	16.926
108	Contrib. Italy	10.369	10.369
112	Contrib. Hungary	16.989	16.989
113	Contrib. UK	28.483	28.483
115	Contrib. Norway	41.074	41.074
116	Contrib. Bulgaria	1.874	1.874
118	Contrib. Finland	50.635	63.635
119	Contrib. Andorra	6.246	6.246
121	Contrib. Greece	7.098	0
122	Contrib. Poland	3.800	3.800
		<b>660.110</b>	<b>637.716</b>

## Lower Incomes 2024: -35.394'-€

1. ZVO Energie (DE) fee 2.749'-€
2. Stadtwerke Werdau (DE) fee 1.874'-€
3. Stadtwerke Giessen (DE) fee 12.804'-€
4. Jämtkraft (SE) fee 10.869'-€
5. DEDA (GR) fee 7.098'-€

## New Member 2024: + 13.000'-€

1. Helen Electricity (FI) fee 13.000'-€

## Difference Incomes 2023 – Incomes 2024

22.394'-€

# Budget 2024 – Expenses (I)

Expenses	Budget 2023	Budget 2024
Organisational Structure		
Secretary General	154.000,00	160.000
Facilities Barcelona	6.000,00	6240
Facilities Brussels	75.000,00	80.000
GEODE staff -	216.000	*210.000
GEODE Staff - Internship	0	*6.000
Internal Accounting & HR services	25.000,00	16.000
Accounting, Auditor, Acc-Belgium	21.000,00	21.000
Financial Costs	2.000,00	2.000
<b>Subtotal Organisational Structure</b>	<b>499.000,00</b>	<b>501.240</b>

- Indexation of salaries(BE) 2024  $\pm$  2 %
- Inflation (BE) 2024  $\pm$  4-5 %
- (\*) these salaries reflect the ones of GEODE staff including 2 % indexation applying from Jan'24 and small voluntary increases



# Budget 2024 – Expenses (II)



300 To influence	Budget 2023	Budget 2024
301 EU lobby	46.000,00	56.000,00
302 Membership EEF	3.500,00	5.000,00
Subtotal To influence	49.500,00	61.000,00
400 To improve credibility to win new members	Budget 2023	Budget 2024
401 Recruitment new members	3.000,00	
404 IT	10.00,00	10.00,00
405 Website renewal & maintenance		
406 Mailing/Translations /Office material	600,00	600,00
407 Branding & Design	6.500,00	10.000,00
408 Language services	22.238,32	22.238,00
410 Coordination GEODE German members	90.000,00	90.000,00
Subtotal To improve credibility	132.238,00	132.838,00
500 To be more efficient	Budget 2023	Budget 2024
501 Board Meetings	7.000,00	7.000,00
Subtotal To be more efficient	7.000,00	7.000,00
600 Seminars	Budget 2023	Budget 2024
Subtotal Seminars	5.000,00	5.000,00
700 Exceptional Cost/Profits		
701 Internal Reserve	4.272,00	
701 Extraordinary expenses (status update)	3.000,00	
<b>TOTAL EXPENSES</b>	<b>700.110</b>	<b>707.078</b>

# Budget 2024



Incomes 2024

637.716' - €

Expenses 2024

707.078' - €

Imbalance

69.362' -€

GEODE Internal reserves 358.000' -€



# Budget 2024 – Proposal for Decision on how to balance Budget 2024 (-69.362'-€)



**Membership fee increase by 4%**

=25.500'-€ extra member's fees + 637.716 =  
663.225'-€

**+**

**Use of internal reserves to balance Budget 2024**

**± 44.000'-€**

# The Network for Networks



## **Point IV. Update on EU energy policy developments**





# European Green Deal Agenda taking shape



Legislative process finalized / Entered into force	Agreement found between Parliament and Council	Parliament & Council in ongoing negotiations or about to start	Parliament and/or Council to still adopt position
<ul style="list-style-type: none"> <li>• <b>Revision Energy Efficiency Directive</b></li> <li>• <b>Revision of Renewable Energy Directive</b></li> <li>• AFIR</li> <li>• LULUCF</li> <li>• Effort Sharing Regulation</li> <li>• CO2 emission standards for cars &amp; vans</li> <li>• EU ETS Market Stability Reserve</li> <li>• CORSIA</li> <li>• CBAM</li> <li>• EU ETS for aviation</li> <li>• Social Climate Fund</li> <li>• Revision EU ETS</li> <li>• Fuel EU Maritime</li> </ul>	<ul style="list-style-type: none"> <li>• ReFuel EU Aviation</li> <li>• Revision F-Gases Regulation</li> <li>• Regulation Reducing methane emissions in the energy sector</li> <li>• <b>Gas and Hydrogen Directive</b></li> </ul>	<ul style="list-style-type: none"> <li>• Revision of the Energy Performance of Buildings Directive</li> <li>• <b>Gas and Hydrogen Regulation</b></li> <li>• Nature Restoration Law</li> <li>• <b>Electricity Market Design reform</b></li> </ul>	<ul style="list-style-type: none"> <li>• Revision of the energy taxation directive (ETD)</li> <li>• Net Zero Industry Act</li> </ul>



Emergency legislation during energy crisis proposed prolongation by EC for 12 months

# EU Energy Policy – What’s happening



## Brussels unveils ‘action plan’ to accelerate electricity grid roll-out

By Frédéric Simon | Euractiv.com | Est. 4min

Nov 28, 2023 (updated: Nov 30, 2023)

Advertisement

Content-Type: News



"Grids need to be an enabler, not a bottleneck in the clean energy transition," said Kadri Simson, the EU's energy commissioner. "That way we can integrate the vast amounts of renewables, electric vehicles, heat pumps and electrolysers that are needed to decarbonise our economy," she added in a statement. Photo Claus Bjoern Larsen [Photo credit: EC - Audiovisual Service]



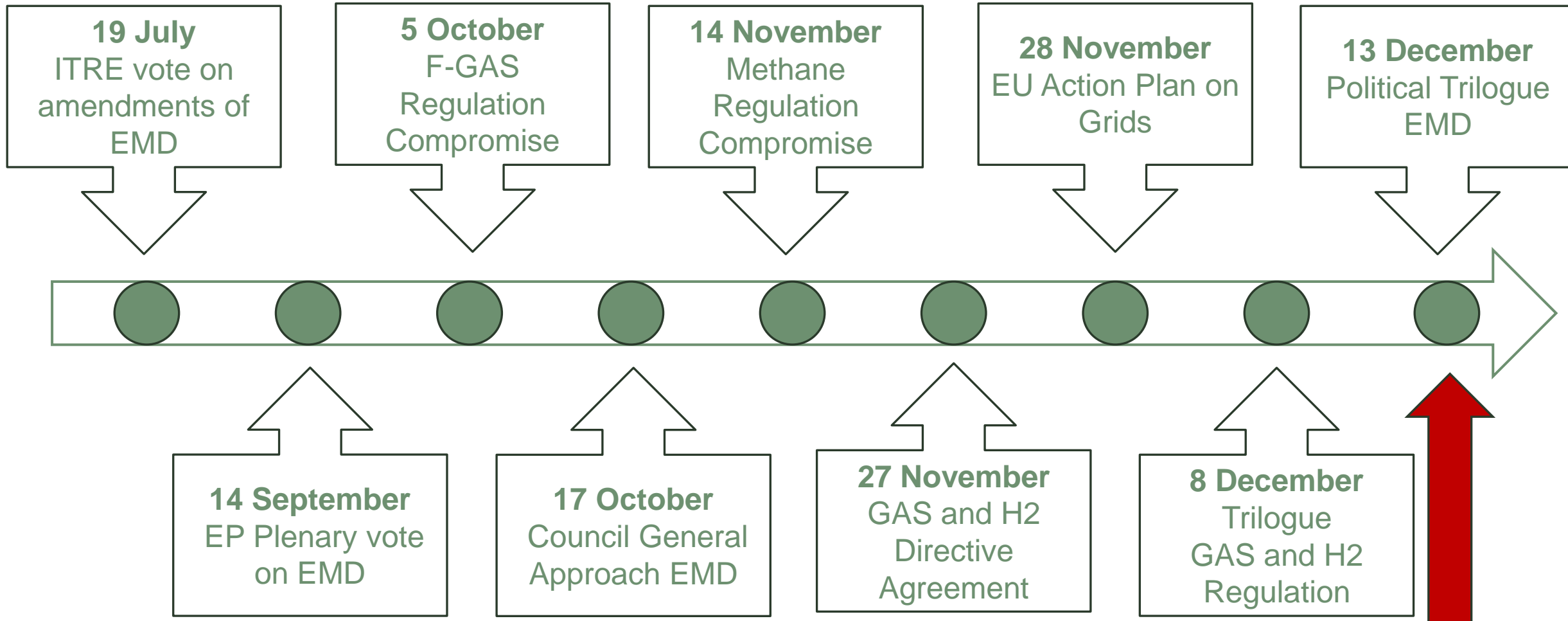
## Climate action or distraction? Sweeping COP pledges won't touch fossil fuel use

World leaders departed the COP28 climate summit with a flood of declarations that raised concerns of greenwashing.



The new fossil fuels agreement has been branded the "Oil and Gas Decarbonization Charter" and earned the signatures of 50 companies | Sean Gallup/Getty Images

# Policy Timeline



# Electricity Market Design



**Trilogue negotiations:** ongoing

**Latest trilogue:** 16 November

**Upcoming Trilogue** 13 December



- Trilogue Negotiation are still on-going, but an agreement is expected to be found by the end of the year.
- **Main points of divergence are on CfDs (Art. 19b of the Directive) and PPA (Art. 19a of the Directive)**
- **Key provisions for DSO do not seem to cause any major conflicts:**
  - **In the Regulation**
    - Peak shaving (Art. 7 a)
    - Dedicated measurement device ( Art. 7d)
    - Tarif methodologies ( Art. 18)
    - Assessment of flexibility needs (Art. 19c)
    - Assessment of flexibility needs (Art. 19c)
    - Commission reviews and reports (Art. 69)
    - Cooperation between TSOs and DSOs (Art. 57)
  - **In the Directive**
    - Tasks of DSOs (Directive – Art. 31)
    - Free choice of supplier (Article 4 Directive)
    - Energy sharing (Article 15a - Directive)



# Gas and Hydrogen Market Package



**Trilogue negotiations:** ongoing

**Latest trilogue:** 8 December








**Deal:** Directive – Agreement found on the 27<sup>th</sup> November;  
Regulation – Agreement expected by the end of 2023



- **Key achievement for GEODE** within the Directive :
  - **Unbundling of Hydrogen Operators (Article 63)** only limited to TSOs and with possibility for Member States to remove the obligation based on a cost-benefit analysis.
  - **Split between Hydrogen Distribution and Transmission** is consolidated (Article 2)
- Still a few point open to be negotiated within Technical Trialogues (4<sup>th</sup> December):
  - End of the transition period for existing hydrogen networks
  - Definition of geographically confined networks
- **Next Steps :**
  - **The formal adoption has to wait for the finalization of the EMD Reform**, given that modalities of State Intervention during price peaks will be modeled on based on what is agreed in EMD Reform.
  - **Negotiations on the Regulation are still open**, with a trilogue scheduled on the 8<sup>th</sup> of December. Parliament who has hold a strong position, might reconsider part of its stand in order to finalize the negotiations (open question – ENNOH vs ENTSO – G & H)

# Gas & Hydrogen Market Directive



		 Transport & Distribution		 Storage		 Terminals	
		Natural gas & electricity	Hydrogen	Natural gas	Hydrogen	Natural gas	Liquid hydrogen & ammonia
	<b>VERTICAL UNBUNDLING</b>	TSO: <b>Ownership</b> unbundling; Grand-fathering for ITO/ISO	TSO: <b>Ownership</b> unbundling; Option for <u>unlimited</u> ITO & ISO	<b>Legal</b> unbundling of storage from production & supply	<b>Legal</b> unbundling of storage from production & supply	<b>Legal</b> unbundling of terminal from production & supply	<b>Legal</b> unbundling of terminal from production & supply
		DSO: <b>Legal</b> unbundling with MS option for <b>De-Minimis</b> exemption for < 100.000 connections					
	<b>HORIZONTAL UNBUNDLING</b>	<b>Legal &amp; accounts unbundling</b> of H2, elec & CH4 networks, with MS <b>opt-out for DSOs</b> → Gas TSOs & DSOs able to operate H2 networks; <b>separate tariffs</b> for H2 and CH4 network use, no (substantial) cross-subsidies		<b>Legal and accounting unbundling</b> between H2 & natural gas storage, liquid H2/ammonia & LNG terminals and H2 & natural gas networks			
		rTPA (= regulated TPA)	rTPA as of 2031/2036 Member State option to use nTPA earlier	MS decision to use either <b>nTPA</b> or <b>rTPA</b>	rTPA as of 2031/2036 Member State option to use nTPA earlier	rTPA	nTPA (= negotiated TPA)
	<b>THIRD-PARTY ACCESS (TPA)</b>	Opportunity to apply for <b>exemption</b> from TPA and tariff regulation for new infrastructure (Art. 60 of Regulation; still negotiated in Trilogue)					
		Yet open if ENTSO-E plus joint ENTSO-G&H or separate ENTSO-G & ENNOH		Storage operators to provide input into network development plan		Terminal operators to provide input into network development plan	
	<b>NETWORK PLANNING</b>	Per default separate network development plans for elec, CH4 & H2, but MS <b>option</b> to request <b>joint plan</b>					

# Methane Regulation



**Trilogue negotiations:** Agreement found on November 14<sup>th</sup>

**Next Steps:** Formal approval by ENVI Committee and COREPER



- Provisional Agreement found between the Council and EP on the 14<sup>th</sup> of November, however the agreed text has yet to be published as additional technical meeting have been scheduled to clean up the text.
- Key articles for DSO – **Article 12 on Monitoring and Reporting** and **Article 14 on Leakage and Repairs Obligations**
- Once the text has been approved, GEODE within WG GAS will organize jointly with other associations a **technical session to analyze in depth the provisions**, as well as how to effectively execute the obligations.

# Fluorinated Greenhouse Gases Regulation



**Trilogue negotiations:** Agreement found on October 5<sup>th</sup>

**Next Steps:** European Parliament Plenary voting and adoption at Ministerial level



- A final agreement on the F-Gases regulation has been found on October 5th, 2023.
- GEODE along with other stakeholders of the Electricity community has circulated and shared a joint statement calling for Negotiators to reconsider a hard ban on SF6 Gases needed for Switchgears. Even though no final text has been circulated to date, it seems that the cascading principles for the ban has been taken into consideration within the final text.
- The text has been adopted within the ENVI Committee on the 24th of October and upcoming steps for the regulation are, from the Parliament perspective, a Plenary voting currently scheduled for January; from the European Council perspective, ambassadors have approved the agreement on the 18th of October.



# Other Fit for 55 files – State of Play



## NZIA

- EP Parliament has adopted in Plenary reading its position on 22<sup>nd</sup> of November, however extending the coverage of the text on the entirety of the Supply Chain, diverging from the original proposal by the EC.
- Council has yet to adopt its General Approach, which is expected during the Ministerial meeting of the 7<sup>th</sup> of December, the negotiations are halting once again on the inclusion of nuclear fission in the list of strategic technologies.



## Energy Performance of Buildings Directive

- Parliament and Council are negotiating on the file, for which an agreement is expected for the 7<sup>th</sup> of December.
- Negotiations are halting on the question of minimum energy performance standards for building, despite a partial agreement had been found mid-October. More specifically, on the setting of percentage target of primary energy use.
- The Agenda of the 7<sup>th</sup> will also include the question of phasing out of autonomous boilers powered by fossil fuel in existing building. Currently the Parliament is advocating for a phase out by 2035 or 2040 at the latest (hybrid heating systems and boilers to be exempted).

# Network Codes



## Network Code Demand Response

- Drafted by ENTSO-E and EU DSO Entity (GEODE members from Austria, Spain and Norway are represented in the drafting committee)
- Public consultation from **29th September – 10th November** – GEODE submitted its own reply

## Network Code Cybersecurity

- Public consultation by European Commission from **20th October – 17th November**
- Commission **adoption planned for Q1 2024**
- GEODE is represented in EU DSO Entity's Expert Group by its members from Austria

## Network Codes Grid Connection

- Existing Network Codes are currently being revised, the process is followed by EU DSO Entity's Expert Group, where GEODE is represented by its members from UK and Austria
- ACER is expected to submit its proposal to the European Commission by the end of 2023
- The EU legislative process is expected to end in Q2 – Q3 2024

# The Network for Networks



**Coffee Break**





# The Network for Networks



**Point VI. Presentation: IEA Report “Electricity  
Grids and Secure Energy Transitions”**







# **Electricity Grids and Secure Energy Transitions:**

Enhancing the foundations of resilient, sustainable and affordable power systems

GEODE Board Meeting

Rena Kuwahata

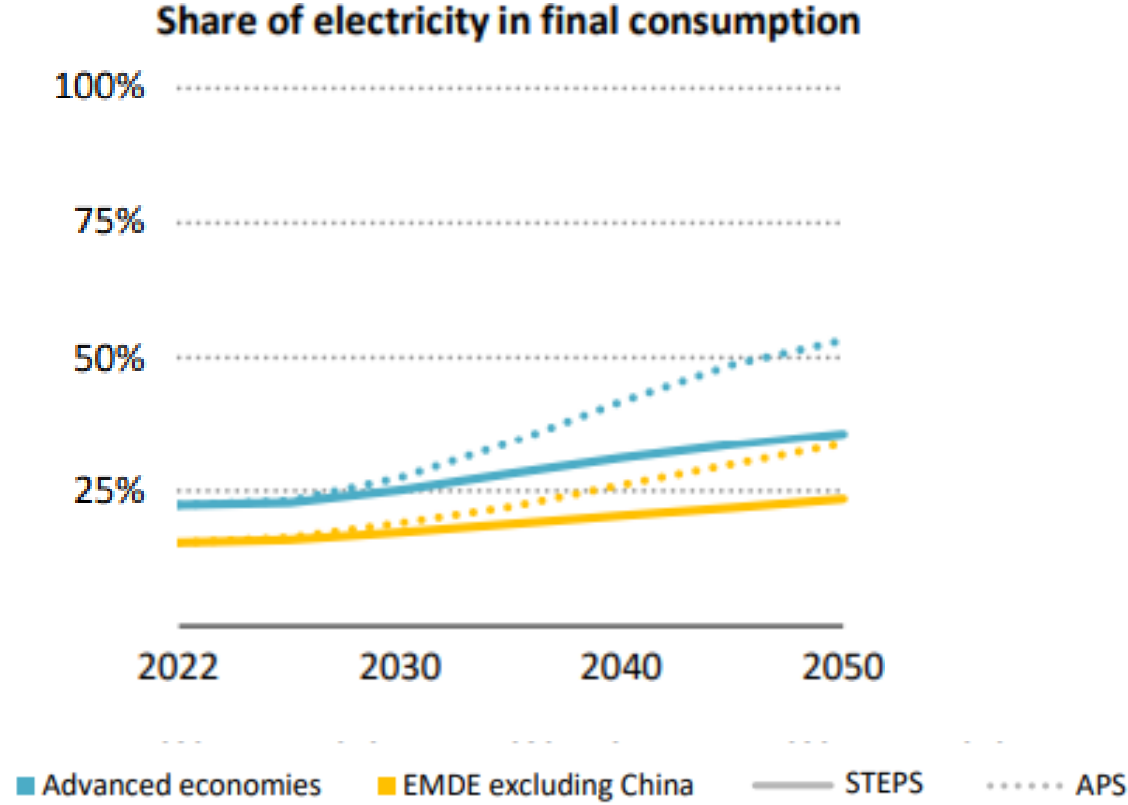
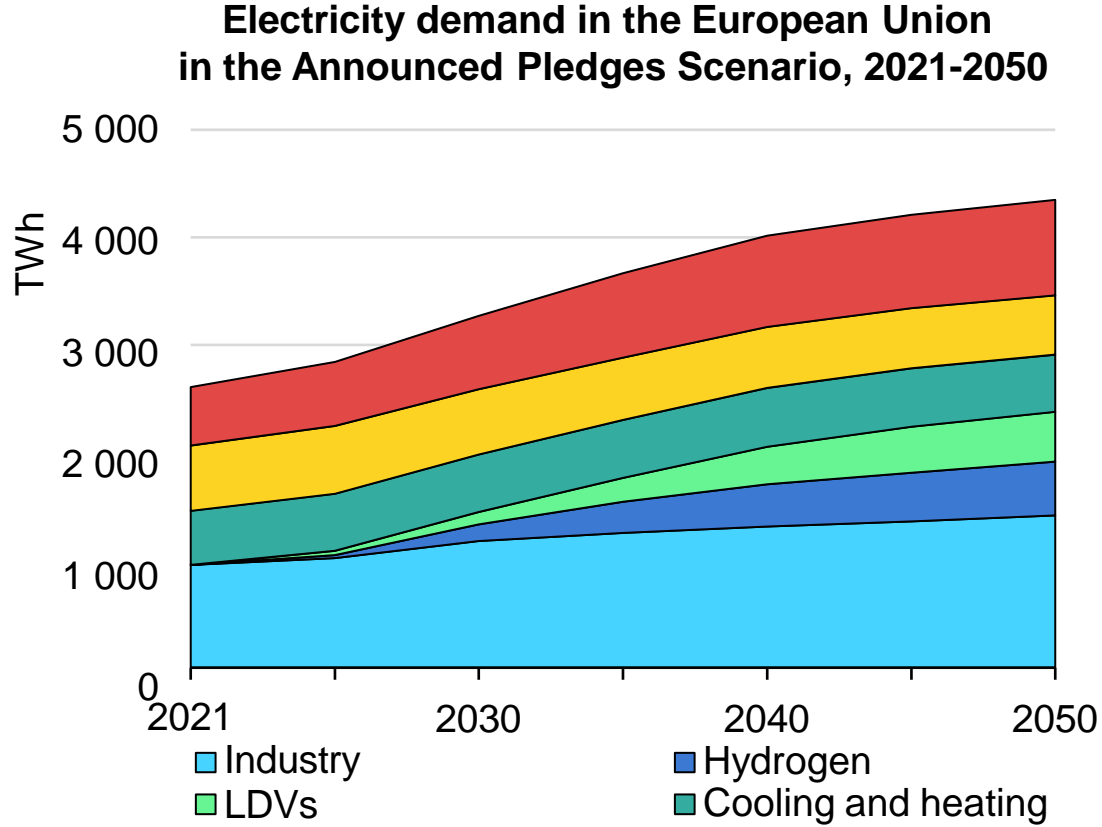
12 December 2023

- Importance of electricity grids is growing as demand for clean electricity grows
- First-of-its-kind global stocktake of the world's grids as they stand now
- Assesses risk of them becoming a bottleneck to clean energy transitions and electricity security
- Examines the urgent upgrades required not only to physical infrastructure but also to the way grids are planned and managed – quantifying the costs of delayed action
- Provides key recommendations for policy makers, highlighting what is necessary in areas such as investment, regulation and planning



# State of play

# Electricity takes centre stage – grids need to ensure security



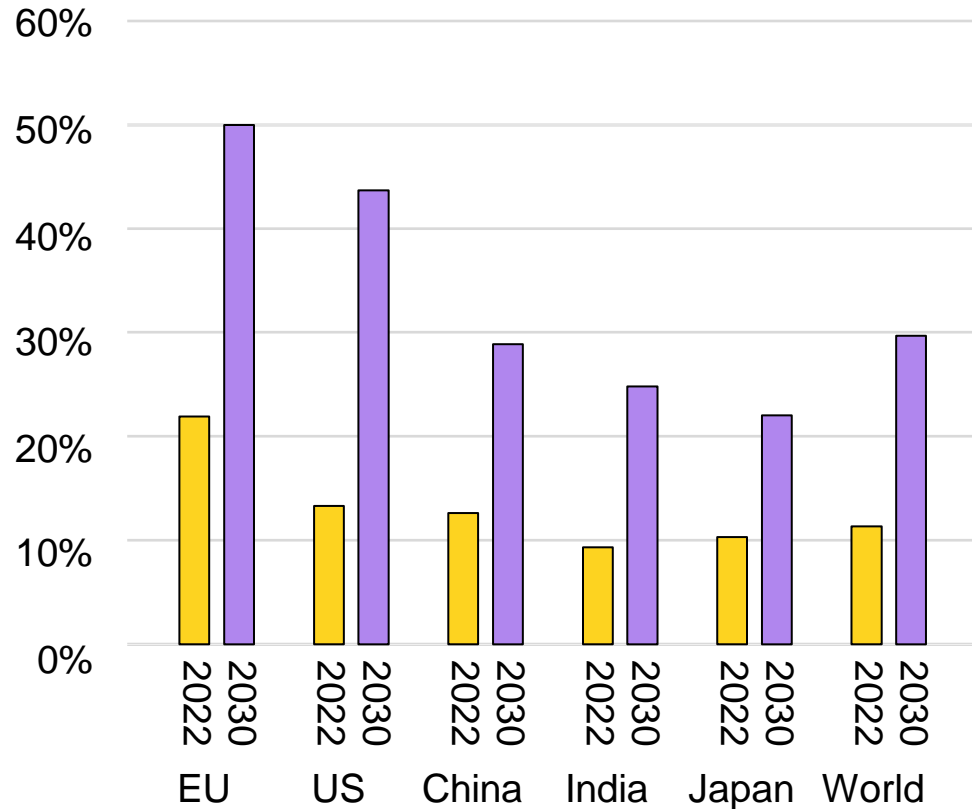
Source: [World Energy Outlook 2023](#) (IEA)

**Demand is set to grow fast, with new demand types growing.  
Share of electricity in total final energy consumption exceeds 50% in advanced economies by 2050.**

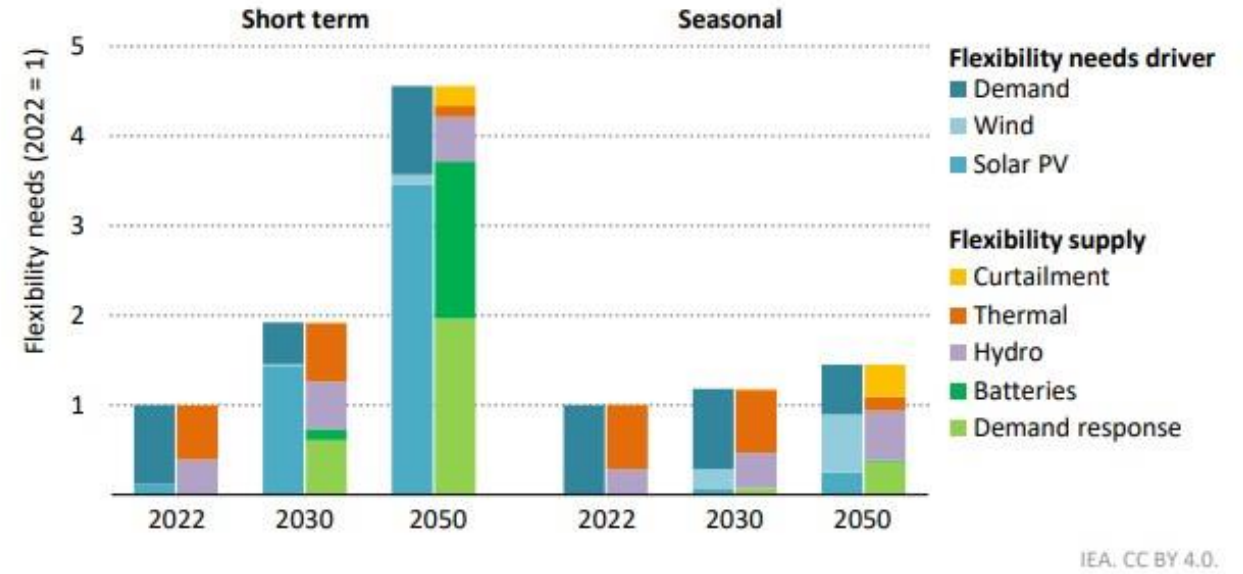


# Supply side is changing – needs grid capacity and flexibility

Wind and solar PV share of electricity supply



Global power system flexibility needs and supply in the APS



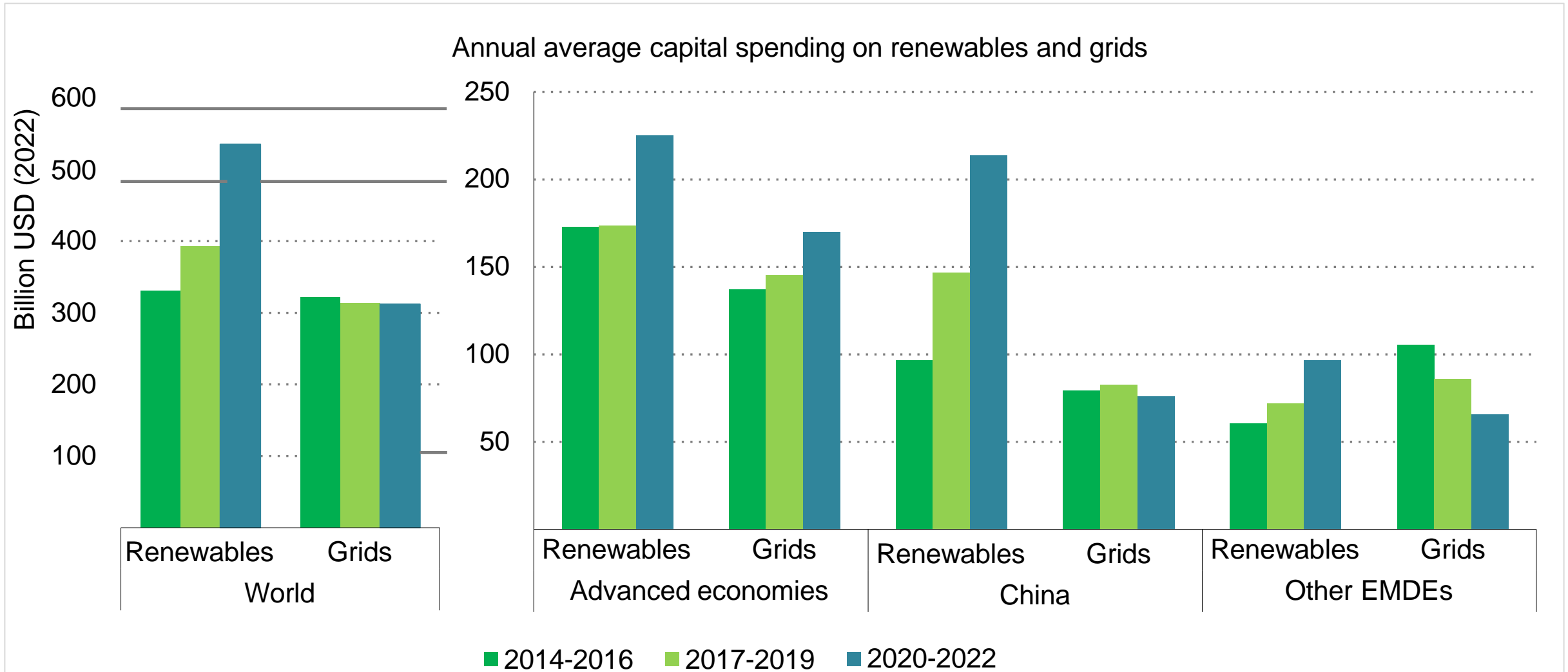
Short-term needs increase significantly, mainly due to solar PV, with batteries and demand response emerging as crucial suppliers of flexibility; seasonal needs rise less sharply

Notes: Flexibility needs are computed for 2030 and 2050 taking into account changes in electricity supply and demand and weather variability over 30 historical years. Demand response includes the flexible operation of electrolyzers.

Source: [World Energy Outlook 2023](#) (IEA)

**Wind and solar PV are re-shaping electricity supply. It is set to be 80% of new capacity additions, and drive the future need of power system flexibility. Flexibility providers shift from thermal to demand response and batteries.**

# While investment in renewables has grown, grids have not kept pace

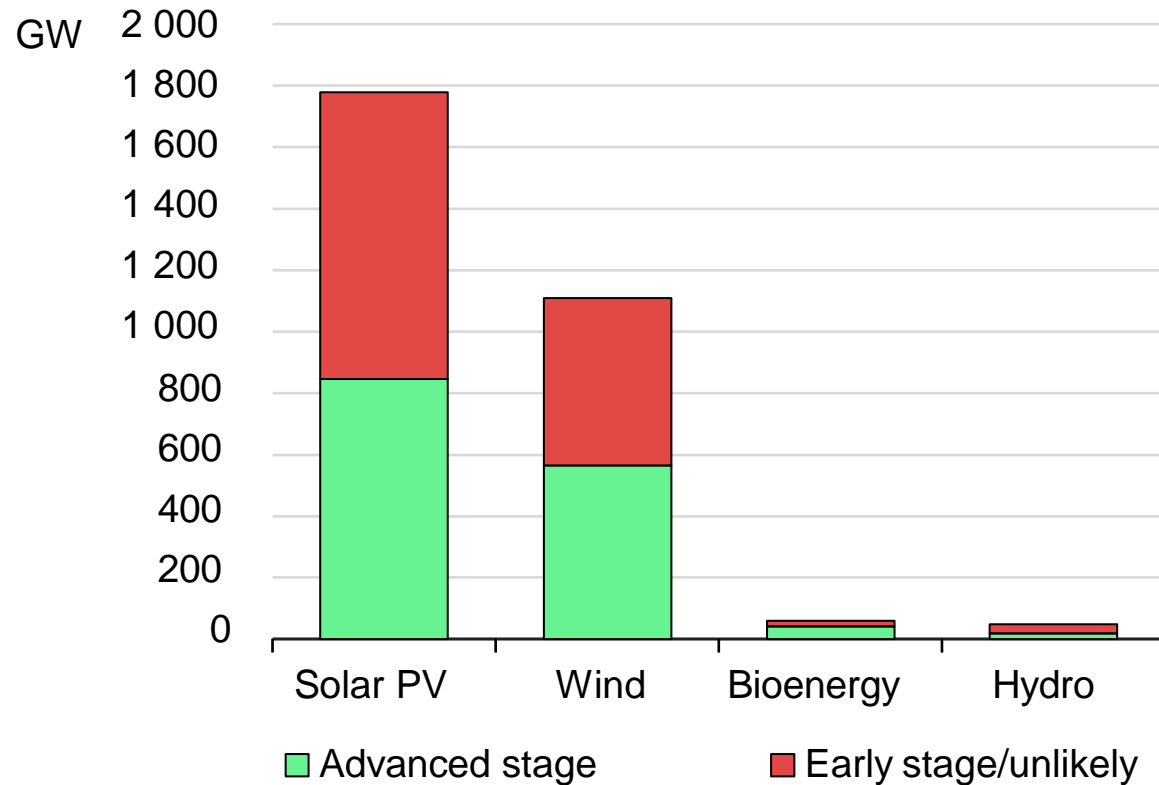


**Public announcements by government and industry in terms of expected investment in the coming decades do not clearly indicate strong commitments in comparison with renewables and end use electrification.**

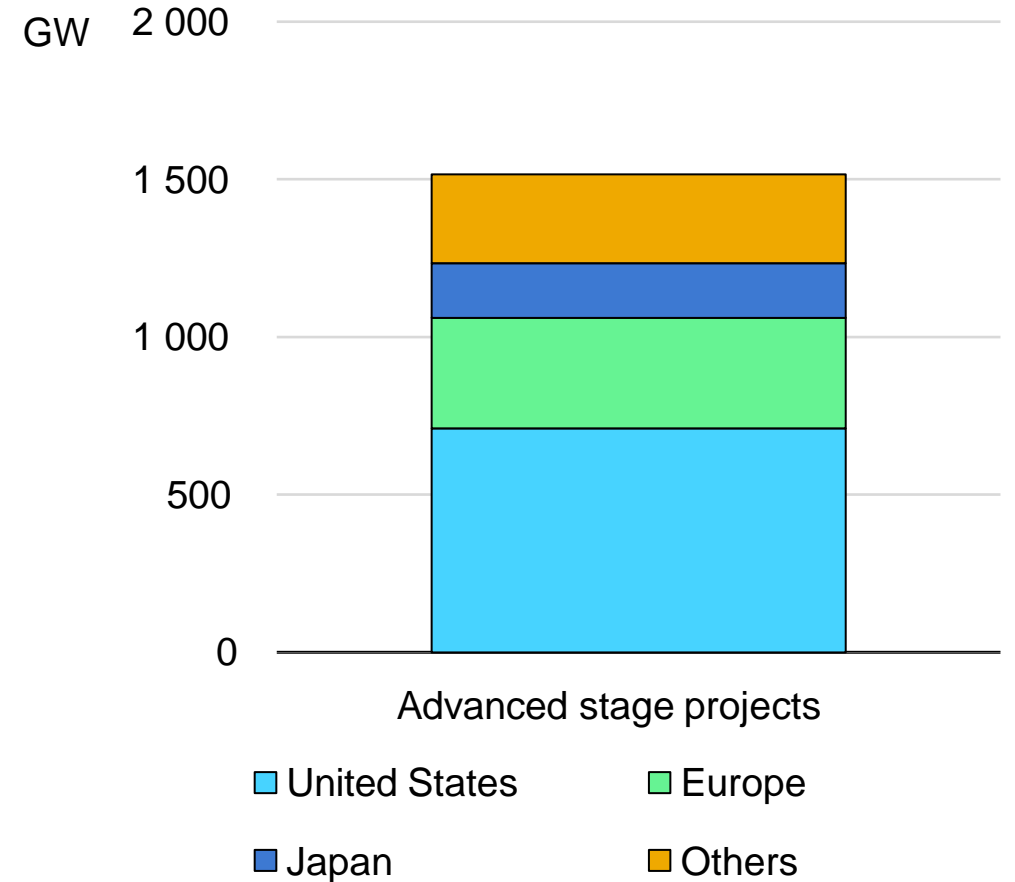
# Symptoms of inadequacy

# Grids are becoming a bottleneck for energy transitions

Capacity of renewable energy projects in connection queues



Capacity of advanced stage projects in queues



**We estimate at least 1500 GW are wind and solar projects around the world are in an advanced stage of development. While investment in renewables has almost doubled in the last decade, investment in grids has remained stagnant.**

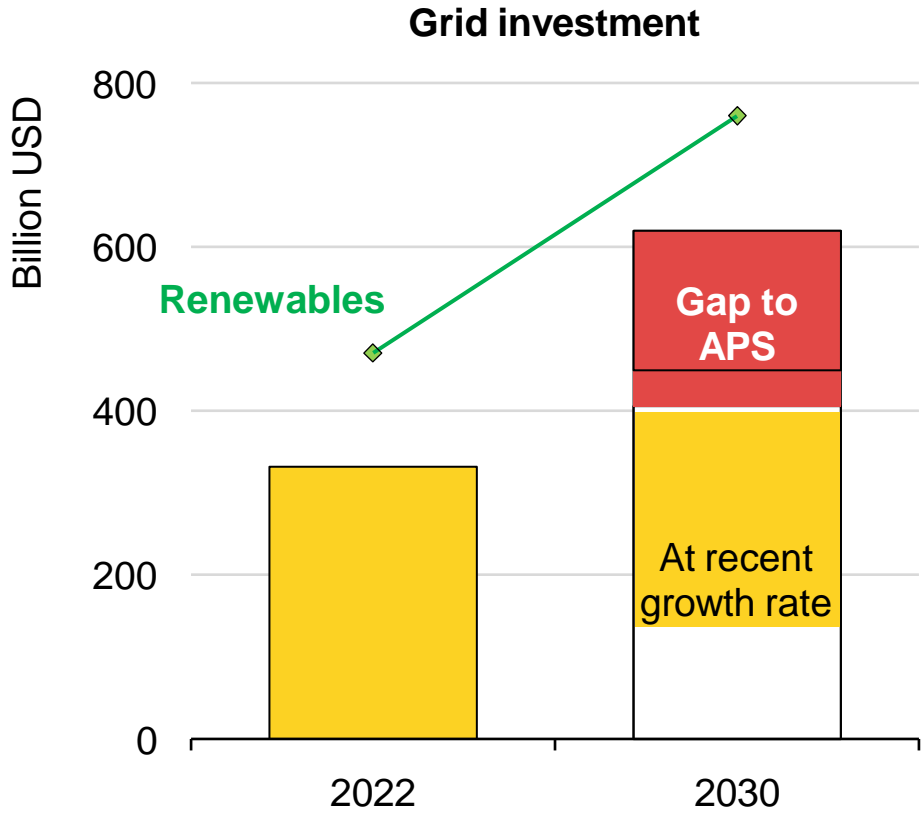
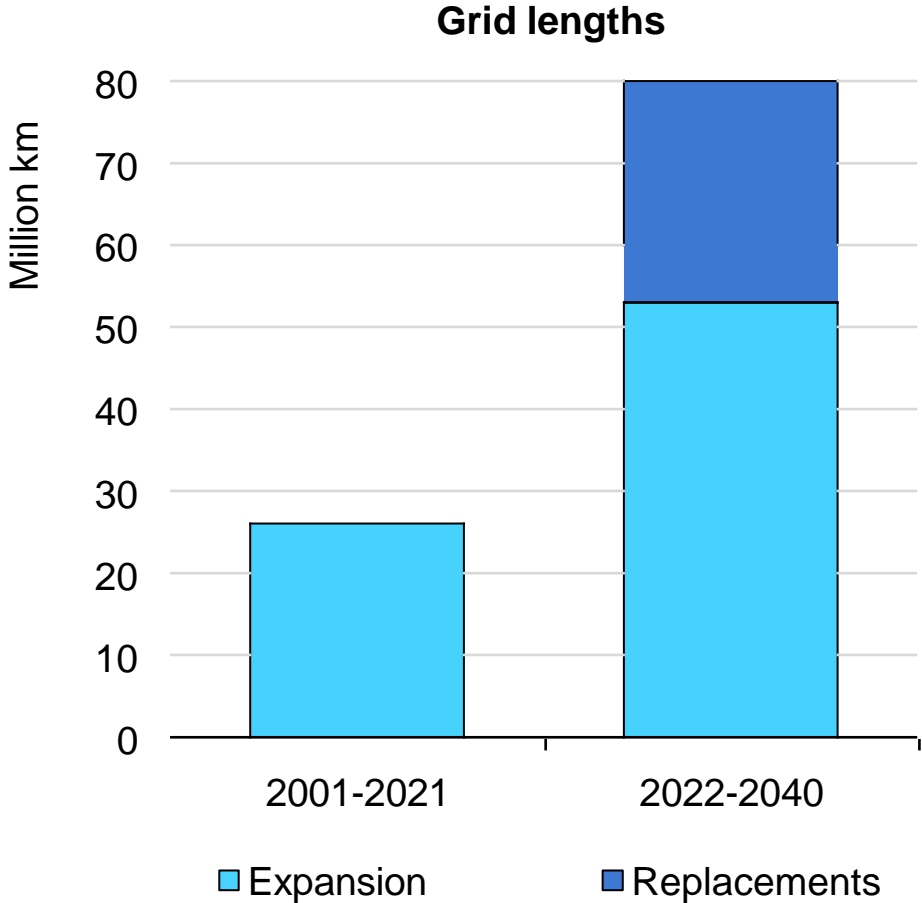


**What does achieving our announced climate targets mean for grids**

# Grid development needs to accelerate to keep up with transitions



Grid development in the Announced Pledges Scenario

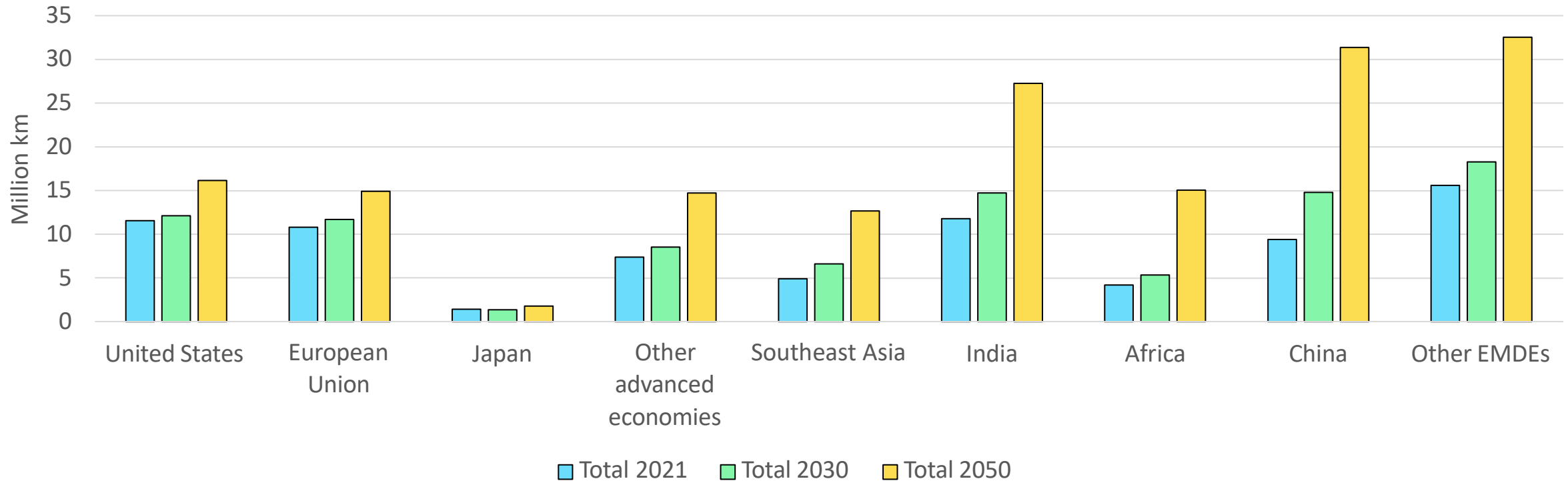


**Over the next two decades, 80 million km need to be added or replaced, as much as the global grid length today, calling for grid investment to double by 2030, in step with renewables, raising material needs.**

# Global competition to enhance grids in pace with announced targets



Installed line length, transmission and distribution, by region in the Announced Pledge Scenario (million km)



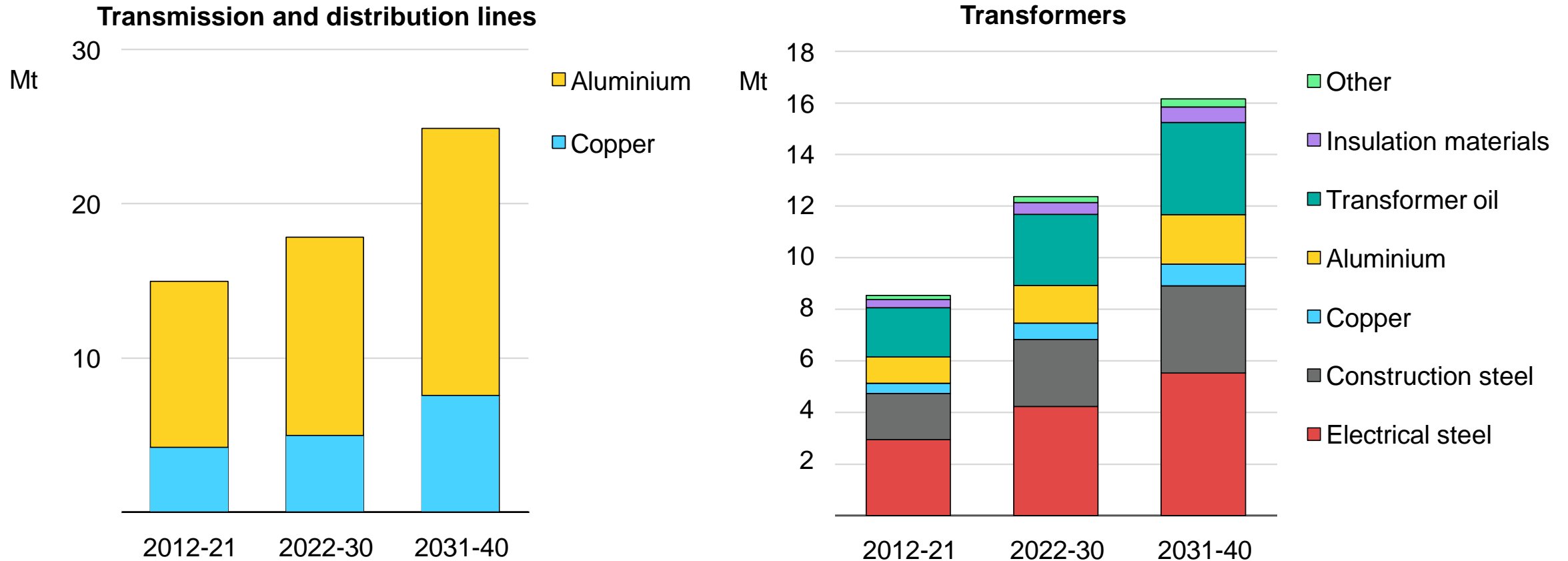
IEA. All rights reserved.

Sources: IEA analysis based on [Global Transmission](#).

**By 2050, Europe grows almost 40% from today's level of grid lengths. This happens in parallel with stronger growth rates in India and China.**

# Attention needed on supply chains

Average annual material needs for selected grid technologies in the APS

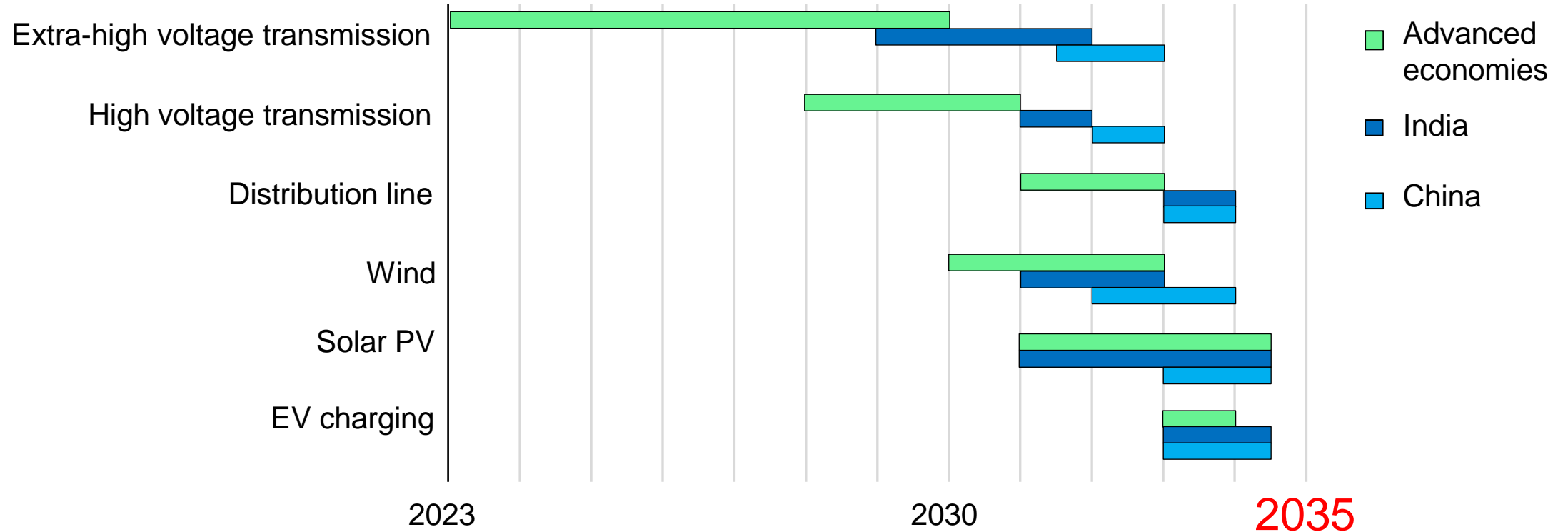


**The demand for materials to make equipment for electricity grids, especially copper and aluminium, soars over the next two decades, calling for resilient supply chains.**



# Long lead times for grids call for advanced planning

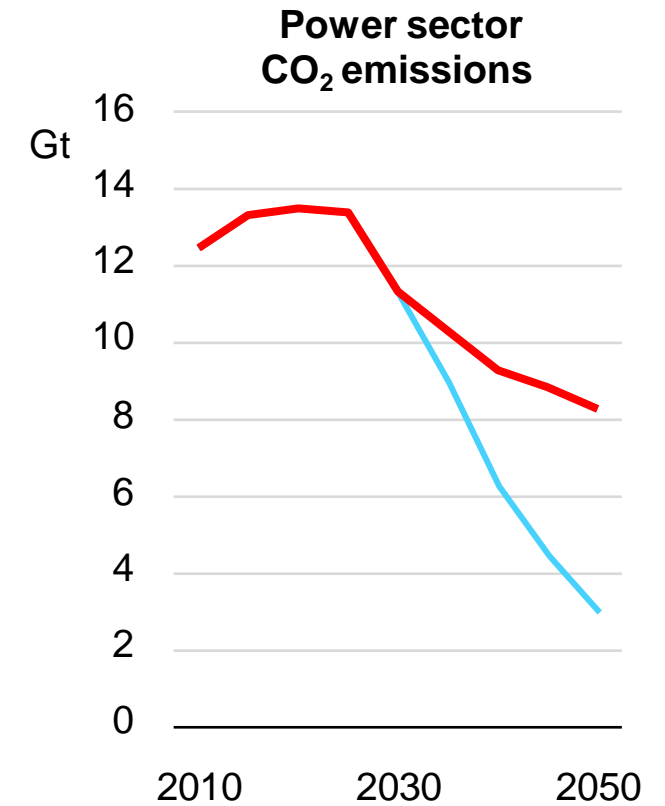
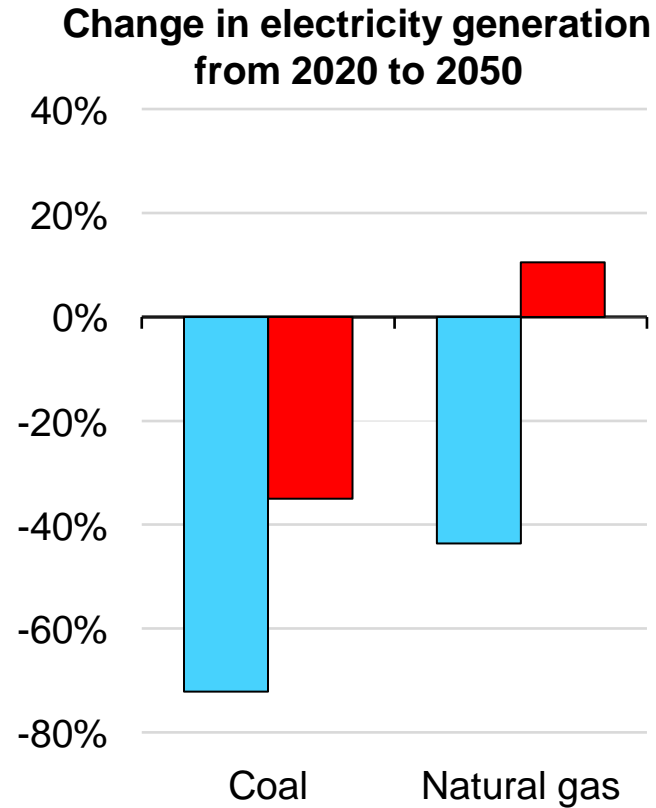
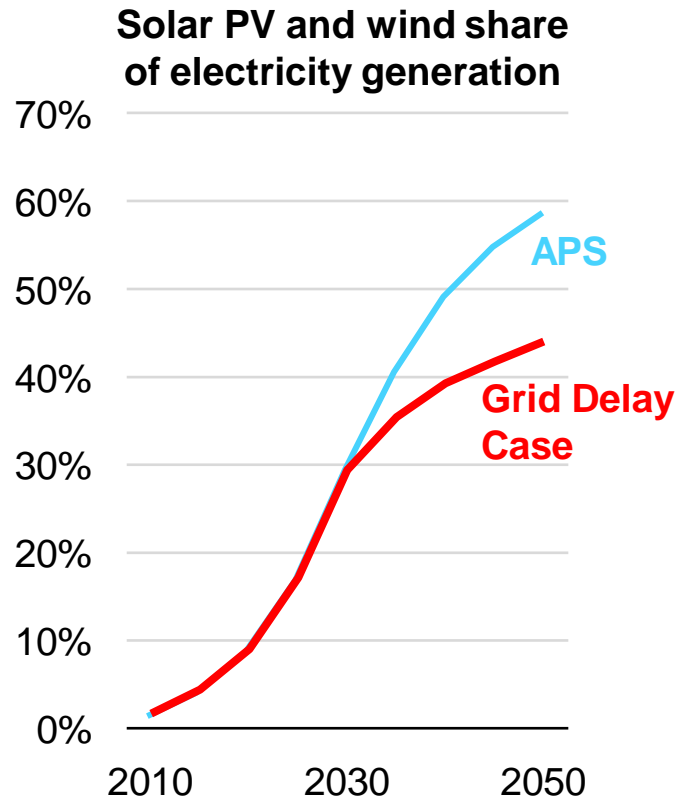
Decision timelines to complete typical projects by 2035



**Electricity grid development is complex, involves many stakeholders and can take many years, requiring decisions well in advance to support electrification and renewables that can be deployed more quickly**

# Clean energy transitions depend on robust electricity grids

Impacts of failing to accelerate grid investment and modernisation



**Failing to step up the pace of grid investment and modernisation would stifle the growth of renewables, and lead to greater use of coal and natural gas, raising fossil fuel import bills by USD 500 billion and CO<sub>2</sub> emissions**

- **Bring planning up to date** – Strategic and integrated planning across sectors
- **Unlock investment** – Improve how grid companies are remunerated
- **Address barriers** – Regulatory overhaul towards proactive grid development
- **Secure supply chains** – Firm & transparent project pipelines to enable resilient supply chains
- **Leverage digitalisation** – Digitalise infrastructure and advance distributed resources
- **Build a skilled workforce** – Create a pool of talent with digital and electricity skills

lea



# The Network for Networks



**Point VII. GEODE Strategy Discussion (I):  
Action plan on Grids - GEODE's key messages on Grids**



# Joint Statement ahead of the Action Plan on Grids – GEODE recommendations





### Joint Statement on EU Grid Action Plan

In its State of the Union 2023 report<sup>1</sup>, the Commission acknowledges the pressing need for energy grid reinforcement and market adjustments to achieve a clean, efficient, and integrated energy system, entrusting this task to the forthcoming grids action plan, which will encompass vital steps in this direction.

We applaud the considerable attention that the European Commission have dedicated to electricity grid, which now hold a central position on the EU policy agenda. We are keenly aware and concerned about the necessity for expanding and upgrading the electricity grid at the distribution level to ensure that Europe and EU Member States achieve their decarbonisation objectives.

The three Associations representing the electricity Distribution System Operators (DSOs) at EU level – CEDEC, E.DSO and GEODE – would like to take the opportunity to share a list of recommendations that might feed into the forthcoming Grid Action Plan to be launched at the fourth edition of the PCI Energy Days (28 and 29 November 2023)

**We recommend the following actions:**





**Adequate Financing:** We advocate for a stable regulatory framework that encourage proactive investments. DSOs must see an adequate economic return on their investments. By providing adequate financing to the electricity grid, we ensure that investments keep pace with renewable generation projects, preventing past delays. Furthermore, urgent investments are imperative, not only for enhancing, strengthening, and upgrading the physical infrastructure but also for making it more intelligent and digitally advanced. This will enhance observability and controllability, enabling the use of grid flexibility for smoother operations and facilitating demand response services.

All the above shall be accompanied with policy support coupled with targeted funding to alleviate the financial burden on the DSOs.

In this respect we pledge to consider:

- A shift in DSOs' income regulation, fostering a more balanced approach that encompasses both operational (OPEX) and capital (CAPEX) expenditure. This shall involve that:
  - measures should be in place to prevent DSOs from encountering disincentives, such as increased operational costs associated with grant-funded projects, and
  - allow DSOs to benefit from regulatory depreciation for capital expenditures related to the maintenance, repair, or replacement of project assets.
- The establishment of a "Decentralised Grid Facility (DGFF)". Since EU funding mechanisms have focused on cross-border energy infrastructure, the attention given to decentralised

<sup>1</sup> State of the Energy Union Report 2023 (pursuant to Regulation (EU) 2018/1999 on the Governance of the Energy Union and Climate Action) (SWD(2023) 646 final), page 9.



## Adequate Financing

## Anticipatory Investments

## Faster Permitting

## Ensure Grid Resilience

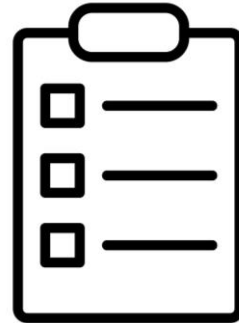
# Action Plan on Grids – 29 November



## 7 Challenges



## 14 Actions



## Pact for Engagement



# 7 Challenges

1) Accelerating implementation of existing PCIs and developing new projects

2) Enhancing long-term network planning

3) Introducing a supportive, future-proof regulatory framework

4) Making better use of existing grids and smartening them

5) Improving access to financing

6) Ensuring faster and leaner permitting processes

7) Strengthening supply chains



# Key Actions for DSOs

## Action 3



EU DSO Entity to support **DSO grid planning** by mapping the existence and characteristics of distribution development plans.

## Action 4



Commission to propose **guiding principles** identifying conditions under which anticipatory investments in grid projects should be granted.

## Action 6



ENTSO-E and EU DSO Entity to agree on **harmonized definitions** for available grid hosting capacity for system operators and to establish a pan-EU overview.

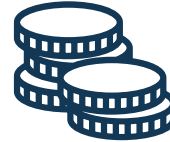
# Key Actions for DSOs

## Action 7



ENTSO-E and EU DSO Entity to promote uptake of **smart grid, network efficiency and innovative technologies.**

## Action 8



ACER, in its next tariff report, to recommend **best practices** in relation to the promotion of smart grids and network efficiency technologies through tariff design, focusing on the **consideration of OPEX in addition to CAPEX** and benefit sharing.

## Action 9



Commission to identify tailored **financing models** and strengthen dialogue to **address obstacles to private financing.**

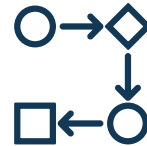
# Key Actions for DSOs

## Action 10



Commission to increase visibility on opportunities from **EU funding programmes for smart grids and modernisation of distribution grids.**

## Action 11



Commission to **support permitting acceleration** providing guidance and technical support on how to implement existing legislative tools and Member States to implement acceleration measures.

## Action 12



Commission to launch a **Pact for Engagement** for early, regular and meaningful stakeholder engagement and regulatory support.

# Key Actions for DSOs

## Action 13



ENTSO-E and EU DSO Entity to collaborate with technology providers to develop **standard technology specifications and improve visibility of grid project pipelines**, to facilitate investments in manufacturing capacity and supply chains.

## Action 14

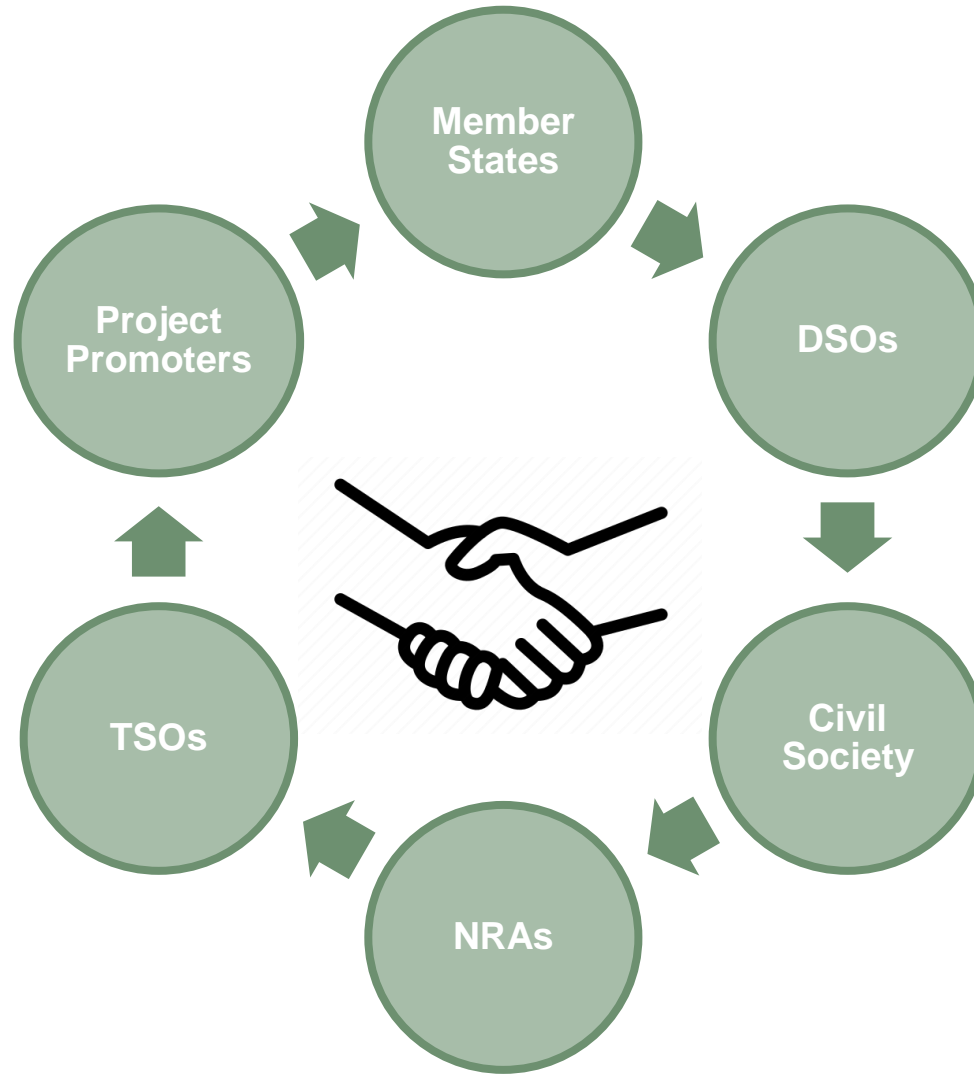


Commission to **promote common technical requirements** for generation and demand connection.

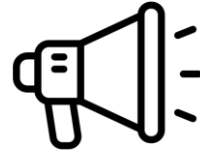
CATEGORY	ACTIONS	TIMELINE
<b>Accelerating the implementation of PCIs and developing new projects</b>	1. Commission, Member States and TSOs to strengthen support to PCI and PMI preparation, faster implementation and funding	<b>From 2024</b>
<b>Improving long-term grid planning for a higher share of renewables and increased electrification</b>	2. ENTSO-E to enhance top-down planning towards 2050 by integrating the identification of offshore and onshore system needs and further considering hydrogen	<b>From Q1 2024</b>
	3. EU DSO Entity to support DSO grid planning by mapping the existence and characteristics of distribution development plans	<b>Mid-2024</b>
<b>Introducing regulatory incentives for forward-looking grid build-out</b>	4. Commission to propose guiding principles identifying conditions under which anticipatory investments in grid projects should be granted	<b>Q1 2025</b>
	5. Commission to issue guidance on cross-border cost sharing for offshore projects	<b>Mid-2024</b>
<b>Incentivising a better usage of the grids</b>	6. ENTSO-E and EU DSO Entity to agree on harmonised definitions for available grid hosting capacity for system operators and establish a pan-EU overview	<b>From adoption</b>
	7. ENTSO-E and EU DSO Entity to promote uptake of smart grid, network efficiency and innovative technologies	<b>Q4 2024</b>
	8. ACER, in its next tariff report, to recommend best practices in relation to the promotion of smart grids and network efficiency technologies through tariff design, focusing on consideration of OPEX in addition to CAPEX and benefit sharing	<b>Q1 2025</b>
<b>Improving access to finance</b>	9. Commission to identify tailored financing models and strengthen dialogue to address financing obstacles	<b>From adoption</b>
	10. Commission to increase visibility on opportunities for EU funding programmes for smart grids and modernisation of distribution grids	<b>From Q1 2024</b>
<b>Accelerating deployment through faster permitting and public engagement</b>	11. Commission to support permitting acceleration providing guidance and technical support on how to implement existing legislative tools and Member States to implement acceleration measures	<b>2024-25</b>
	12. Commission to launch a Pact for Engagement for early, regular and meaningful stakeholder engagement and regulatory support	<b>From adoption</b>
<b>Strengthening grid supply chains</b>	13. ENTSO-E and EU DSO Entity to collaborate with technology providers to develop standard technology specifications and improve visibility of grid project pipelines, to facilitate investments in manufacturing capacity and supply chains	<b>Q4 2024</b>
	14. Commission to promote common technical requirements for generation and demand connection	<b>By 2025</b>



# Pact for Engagement



# Pact for Engagement – 4 pillars



Promoting and communicating the **Distribution Grids key role** as enablers of the energy transition.



Fostering cooperation between national & regional authorities in ensuring implementation of **permitting procedures** across the Union for grid projects at local, regional, national and EU level.

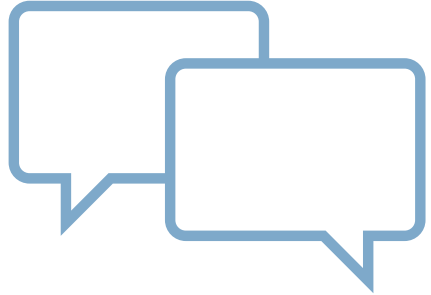


Contributing to an open dialogue with Ministries, NRAs and relevant authorities to ensure **forward-looking regulatory support** to accompany grid investment planning.



Participating in ensuring that all organizational conditions are reunited in terms of **smooth permitting procedures** linked to grid deployment.

# Discussion



# The Network for Networks



**Point VIII. Spring Seminar 2024**

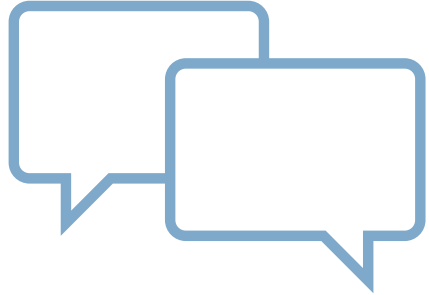


# Discussion



## SAVE THE DATE

**Spring Seminar (Brussels) : Tuesday 28th of May 2024, with dinner on Monday 27th of May 2024**





# The Network for Networks



**Point IX.  
Miscellaneous**



# GEODE WEBINAR ON ENERGY SHARING



WEBINAR

## **Empowering Consumers: The Vital Role of DSOs in Energy Sharing**

Friday, 1 March 2024, 9:30-11:30 (CET)



# The Network for Networks



**Point X.  
Next meeting 8 February 2024 (physically  
in Granada)**



# Planning - GEODE Board meetings 2024



**8th February 2024**, Physical meeting in Granada – from 9:30 – 15:30 (CET). The meeting will be opened with a dinner the evening before (7th February)

**22nd April 2024**, Online meeting – from 14:00 – 16:00 (CET)

**4th June 2024**, Online meeting – from 14:00 – 16:00 (CET)

**12th September 2024**, Physical meeting in Kristiansand (NO) – from 9:30 – 15:00 (CET). The meeting will be opened with a dinner the evening before (11th September)

**11th December 2024**, Online meeting – from 9:30 – 12:00 (CET)

# Planning 2024



**General Assembly (online)** : Wednesday 22nd of May 2024, 9:30 – 11:30

**Spring Seminar (Brussels)** : Tuesday 28th of May 2024, with the dinner on Monday 27th of May 2024

**Autumn Seminar (Heidelberg, DE)** : date tbd





**Thank You!**

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