

# 26<sup>th</sup> World Energy Congress

Rotterdam,  
22 – 25 April 2024

WORLD  
ENERGY  
COUNCIL



## Congress in numbers

70  
ministers

250 +  
speakers

60 +  
sessions

100  
exhibitors

1,200 +

media  
representatives

150

countries and  
territories

7,000+

international energy  
stakeholders

18,000

total attendance from  
across the world

For 100 years, the **World Energy Congress** has convened the cooperative power of the world energy community to turn inspiration into action.

Taking place from **22-25 April 2024** in Rotterdam and co-hosted by the **World**

**Energy Council** and the Government of the Netherlands, the **26<sup>th</sup> World Energy Congress** is a critical turning point for clean and inclusive energy transitions worldwide and an opportunity to design and deliver better energy futures.

The **World Energy Congress** is the world's longest established energy event led by the world's oldest energy community. Only the **World Energy Council** has the deeply local and globally networked convening capabilities to deliver a world-class, independent and impactful energy gathering on this scale.

- Four days of impact-focused content speaking to the entire energy ecosystem.
- Deeply experienced global community of leaders and visionaries.
- Immersive and interactive mix of formats.
- World Energy Leaders' Dialogues, roundtables for international CEOs, ministers, city leaders and special guests.
- World-class exhibition: cutting-edge products and world services.
- Bilateral meetings, social and networking events to connect with peers.

Register online at [www.worldenergycongress.org](http://www.worldenergycongress.org)

World Energy Council members benefit from an additional discount on the registration fee of at least 25%. Reach out to your contact at either the Council or Member Committee to obtain the special discount code.

Stay connected!



# Programme thematic

## THEMATIC

### Navigating new energy maps

*Bridging the new and emerging realities of global energy transitions*

Recent global energy crises have triggered a renewed focus on managing security while progressing energy transitions at an unprecedented speed and scale. The global ambition is clear, but visions and decarbonisation pathways differ. This thematic will navigate the new energy maps shaped by climate change, geopolitics, and new technologies, and the deeper societal transformation opportunities of globally inclusive energy transitions.

## THEMATIC

### Refuelling the future

*Leveraging a greater mix of energy sources, solutions and services*

Increasingly diverse energy mixes – from low carbon fuels to renewable power systems – are driving wider demand for critical materials, the development of global energy vectors and value chains, and new storage solutions. This thematic will explore the role of new fuels, new power systems and new storage challenges, including hydrogen and bio-based fuels, electricity generated in space and giga-batteries.

## THEMATIC

### Humanising energy

*Engaging people and communities in making global energy transitions happen*

The best way to make faster, fairer and more far reaching energy transitions happen is to involve more people and diverse communities. This thematic will convene visionary leaders and doers from across the world and from all levels of modern energy societies to share real-life experiences and stories about progressing successful energy transitions in their community, country and region.

## THEMATIC

### Pathfinding with the World Energy Trilemma

*Connecting energy security, affordability and sustainability*

For more than a decade, the World Energy Council's landmark World Energy Trilemma has been used to measure performance and guide national energy policy in over 120 countries by connecting the dots between security, affordability and environmental sustainability. This thematic will explore how each of these dimensions is evolving.

## THEMATIC

### Closing the gaps

*Enabling faster, fairer and more far-reaching energy transitions*

Energy transitions around the world are not moving fast enough to keep global warming below 1.5oC. Implementation gaps are widening on several fronts, including the flow of investment, development of infrastructure, structural inequalities, and climate change momentum. This thematic will explore the implications of policy and institutional innovation in accelerating decarbonisation with fairness and inclusion.



# Programme DAY 1 | Monday 22 April

Programme subject to change

09:30 - 11:00	WELCOME PLENARY				
11:00 - 11:30	Networking break				
11:30 - 12:30	MAIN STAGES				
	Closing the finance and technology gaps		Closing the momentum gap		Closing the people gap
12:30 - 13:45	Lunch + exhibition opening				
13:45 - 15:00	MAIN STAGES				
	A new energy vector: H2 H2 H2!		Diverse regional visions: Africa lens		Power, politics and purpose: A new era of geopolitics
15:00 - 15:30	Networking break				
15:30 - 16:45	PARALLEL SESSIONS				
	Leading the charge: Dynamic storage at scale	Energy in outrageous times: Activists, communities and industries at the table	Energy SOS: Removals, repair and regeneration	Turning on the taps: Financial innovations and energy transitions	Session to be announced
16:45 - 17:00	Short break				
17:00 - 18:30	OPENING CEREMONY				

# Programme DAY 2 | Tuesday 23 April

Programme subject to change

8:00 - 10:00	World Energy Leaders' Dialogue: CEO (by invitation only)				
09:00 - 10:00	PARALLEL SESSIONS				
	Transformative technologies: Digitalisation, AI and beyond	Mind the gap: Women and workers as owners, designers and builders	Session to be announced	Session to be announced	Session to be announced
10:00 - 10:15	Short break				
10:15 - 11:15	MAIN STAGES				
	Near and far frontiers	Diverse regional visions: Middle East and Gulf States lens		China energy outlook	
11:15 – 11:45	Networking break				
11:45 - 13:00	PARALLEL SESSIONS				
	Digital energy nexus: From transition to transformation	Social license: Participation in practice	The circular and regenerative economy: New frameworks and metrics	Industrials and manufacturing: Harder to abate?	Bridging divides: The outlook for gas
13:00 - 14:15	Lunch				
14:15 - 15:30	MAIN STAGES				
	Net zero flying: Is the sky the limit?	Diverse regional visions: Europe lens		Decarbonisation with justice	
15:30 - 16:00	Networking break				
16:00 - 17:30	PARALLEL SESSIONS				
	Powering up the next electrification revolution	Lightbulbs, livelihoods and luxuries: What is modern energy access?	User-centric solutions: New demands for access, affordability and acceptability	Gridlock: No transmission, no transition	Session to be announced

# Programme DAY 3 | Wednesday 24 April

Programme subject to change

8:00 - 10:00	World Energy Leaders' Dialogue: Ministerial (by invitation only)				
09:00 - 10:00	PARALLEL SESSIONS				
	Untapped investment opportunities	Transparent transitions: Tracking performance along diverse pathways	The role of financial innovation in accelerating energy transitions	People power: Global energy literacy by 2030?	E-mobility and the last mile
10:00 - 10:15	Short break				
10:15 - 11:15	MAIN STAGES				
	Co-creating the future: Next generation leadership mindsets	Diverse regional visions: Latin America and Caribbean lens		Diverse regional visions: North America lens	
11:15 - 11:45	Networking break				
11:45 - 13:00	PARALLEL SESSIONS				
	New energy behaviours: Empowering the consumer	Nuclear: A leap of faith and scale	Cities in the lead: Place-based action	Skills transitions: Digital and (e)quality jobs	Global energy governance: Who is leading?
13:00 - 14:15	Lunch				
14:15 - 15:30	MAIN STAGES				
	Planetary boundaries	Critical supply chains: Sourcing the materials for energy transitions		Who pays? Managing the true costs to society of energy transition	
15:30 - 16:00	Networking break				
16:00 - 17:30	Mayors' Roundtable (by invitation only)				
16:00 - 17:30	PARALLEL SESSIONS				
	Beyond net zero: Getting ahead of the energy-water-food nexus	Reshaping energy markets: Enabling joined up opportunities	Adapt and mitigate: Who is prepared for climate risks?	Net zero methane by 2030: A new outlook for oil and gas?	Session to be announced

# Programme DAY 4 | Thursday 25 April

Programme subject to change

09:00 - 10:00	MAIN STAGES		
	(Re)imagining growth: A new world energy vision	Navigating the energy transition puzzle: Perfect storms and tipping points	(Re)designing energy for wellbeing and wealth
10:00 - 10:15	Short break		
10:15 - 11:15	MAIN STAGES		
	Electrifying the pace: Renewables at scale	Diverse regional visions: Asia Pacific lens	The new interdependencies: Trust, security and climate resilience
11:15 - 11:45	Networking break		
11:45 - 13:00	PARALLEL SESSIONS		
	Session to be announced	Session to be announced	Session to be announced
13:00 - 14:15	Lunch		
14:15 - 16:00	CLOSING REFLECTIONS AND CEREMONY		