

26th World Energy Congress

Rotterdam,
22 – 25 April 2024

WORLD
ENERGY
COUNCIL



Congress in numbers

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 **26th 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.

70
ministers

250 +
speakers

60 +
sessions

100
exhibitors

1,200 +
media
representatives

150
countries and
territories

7,000+
international energy
stakeholders

Register online at 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 mega-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 1.5°C. 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	OPENING PLENARY				
	CLOSING THE MOMENTUM GAP				
11:00 - 11:30	Networking break				
11:30 - 12:30	MAIN STAGES				
	CLOSING THE FINANCE AND TECHNOLOGY GAP	CLOSING THE PEOPLE GAP		FIRESIDE CHATS	
12:30 - 13:45	Lunch + exhibition opening				
13:45 - 15:00	MAIN STAGES				
	A NEW ENERGY VECTOR: H2 H2 H2!	ENERGY FOR 2 BILLION BETTER LIVES IN AFRICA: WANT MORE, WASTE NOT?		POWER, POLITICS AND PURPOSE: A NEW ERA OF GEOPOLITICS	
	Networking break				
15.30-16.45	PARALLEL SESSIONS				
	LEADING THE CHARGE: DYNAMIC STORAGE AT SCALE	ENERGY IN OUTRAGEOUS TIMES: ACTIVISTS, COMMUNITIES & INDUSTRIES AT THE TABLE	BEYOND NET ZERO: BUILDING THE BUSINESS CASE FOR CARBON REMOVALS	LET THE MONEY FLOW: FINANCING THE ENERGY TRANSITION	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

7:45 - 10:00	CEO ROUNDTABLE (BY INVITATION ONLY)				
09:00 - 10:00	PARALLEL SESSIONS				
	WORLD ENERGY STORIES: PARTICIPATION IN PRACTICE	ACTIVATING DIVERSITY: WOMEN IN ENERGY 360	(RE)DESIGNING ENERGY FOR WELLBEING AND WEALTH	COLLABORATING AT SCALE: BUILDING SUCCESSFUL ENERGY ECOSYSTEMS	INNOVATE TO ELEVATE: CULTIVATING ENTREPRENEURSHIP
10:00 - 10:15	Short break				
10:15 - 11:15	MAIN STAGES				
	FASTER, FAIRER, FURTHER: DECARBONISATION WITH JUSTICE	REPOSITIONING ENERGY: BOLD STEPS IN THE MIDDLE EAST AND GULF STATES		TRANSFORMATIVE TECHNOLOGIES: NEAR AND FAR FRONTIERS	
11:15 – 11:45	Networking break				
11:45 - 13:00	PARALLEL SESSIONS				
	THE POWER OF AI: FROM TRANSITION TO TRANSFORMATION	THE CIRCULAR CARBON ECONOMY: DECARBONISATION WITH CIRCULARITY?	GRIDLOCK: NO TRANSMISSION, NO TRANSITION	REFUELLING THE FUTURE: THE MOLECULES AND CLEAN FUELS (R)EVOLUTION	TOMORROW’S ENERGY TODAY: AN EXPERIENTIAL FUTURES WORKSHOP
13:00 - 14:15	Lunch				
14:15 - 15:30	MAIN STAGES				
	NET ZERO FLYING: IS THE SKY THE LIMIT?	NAVIGATING THE ENERGY TRANSITION PUZZLE: PERFECT STORMS AND TIPPING POINTS		BUILDING RESILIENCE TOGETHER IN ASIA PACIFIC: A NEW OUTLOOK ON ENERGY-CLIMATE COOPERATIONS	
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?	INDUSTRIALS AND MANUFACTURING: HARDER TO ABATE?	TRANSFORMATIONAL LEADERSHIP: RETHINKING ACCOUNTABILITY, GOVERNANCE AND POLITICS	AGENTS OF CHANGE: EMPOWERING WOMEN AND DIVERSE COMMUNITIES

Programme DAY 3 | Wednesday 24 April

Programme subject to change

7:45 - 10:00	MINISTERIAL ROUNDTABLE (BY INVITATION ONLY)				
09:00 - 10:00	PARALLEL SESSIONS				
	E-MOBILITY AND THE LAST MILE	UNTAPPED OPPORTUNITIES: BRINGING EVERYONE ALONG	FRONTIERS IN FINANCIAL INNOVATION	NET ZERO METHANE BY 2030: A NEW OUTLOOK FOR OIL AND GAS?	REFUELLING THE FUTURE: THE MOLECULES AND CLEAN FUELS (R)EVOLUTION
10:00 - 10:15	Short break				
10:15 - 11:15	MAIN STAGES				
	RENEWABLES IN ABUNDANCE: MANAGING THE EVOLVING ENERGY TRILEMMA IN LATIN AMERICA AND THE CARIBBEAN		THE NEW INTERDEPENDENCIES: TRUST, SECURITY AND CLIMATE RESILIENCE		ENERGY SOS: PROTECTING PLANETARY BOUNDARIES
11:15 - 11:45	Networking break				
11:45 - 13:00	PARALLEL SESSIONS				
	NEW ENERGY BEHAVIOURS: EMPOWERING THE CUSTOMER	NUCLEAR: A LEAP OF FAITH AND SCALE	SKILLS TRANSITIONS: (E)QUALITY JOBS	GLOBAL ENERGY GOVERNANCE: WHO IS LEADING?	CITIES IN THE LEAD: PLACE-BASED ACTION
13:00 - 14:15	Lunch				
14:15 - 15:30	MAIN STAGES				
	RECONNECTING ENERGY, ECONOMY, JUSTICE AND CLIMATE SECURITY IN NORTH AMERICA	CRITICAL SUPPLY CHAINS: SOURCING THE MATERIALS FOR ENERGY TRANSITIONS		ACCELERATING ENERGY TRANSITIONS IN EUROPE: A NEW (IN)SECURITY CONTEXT	
14:00 - 15:30	MAYORS' ROUNDTABLE (BY INVITATION ONLY)				
15:30 - 16:00	Networking break				
16:00 - 17:30	PARALLEL SESSIONS				
	MOVING FORWARD WITH THE ENERGY-WATER-FOOD NEXUS	ADAPT AND MITIGATE: WHO IS PREPARED FOR CLIMATE RISKS?	PEOPLE POWER: GLOBAL ENERGY LITERACY BY 2030?	RESHAPING ENERGY MARKETS: ENABLING JOINED UP OPPORTUNITIES	TRANSPARENT TRANSITIONS: TRACKING PERFORMANCE ALONG DIVERSE PATHWAYS

Programme DAY 4 | Thursday 25 April

Programme subject to change

09:00 - 10:00	MAIN STAGES	
	WHO PAYS? MANAGING THE FULL COSTS TO SOCIETY OF ENERGY TRANSITION	FASTER, FAIRER, FURTHER: NEW MODELS OF STRETCH COLLABORATION
10:00 - 10:15	Short break	
10:15 - 11:15	MAIN STAGES	
	ELECTRIFYING THE PACE: RENEWABLES AT SCALE	CO-CREATING THE FUTURE: NEXT GENERATION LEADERSHIP
11:15 - 11:45	Networking break	
11:45 - 13:00	PARALLEL SESSIONS	
	(RE)IMAGINING GROWTH: A NEW WORLD ENERGY VISION	EURASIA: ENERGY AT A CROSSROADS
13:00 - 14:00	Lunch	
14:00 - 15:00	CLOSING REFLECTIONS	
15:00 - 16:00	CLOSING CEREMONY	