

A woman with long dark hair, wearing a light-colored jacket and a beige knit hat, carries a young child on her back. The child is wearing a pink jacket and a white knit hat. They are standing in a field of tall green grass, possibly corn, with the sun setting in the background, creating a warm, golden glow. The sky is filled with soft, wispy clouds. The overall mood is peaceful and hopeful.

WORLD ENERGY COUNCIL
HUMANISING
ENERGY

A THOROUGH INTRODUCTION

THE WORLD ENERGY COUNCIL | 2023

**WORLD
ENERGY
COUNCIL**

WE ARE A
**DEEPLY LOCAL AND
GLOBALLY NETWORKED
ENERGY COMMUNITY**



A PRIMER

WORLD ENERGY COUNCIL

- 1| **The World Energy Council is the principal and pre-eminent global energy community network and first permanent, not for profit energy organisation.** We formed in 1923 as an impartial, independent and practical network of energy interests, convening and facilitating leadership dialogue, promoting collaboration across borders, championing evidence and sharing new ideas.
- 2| **We work for the common good.** Our shared purpose is to support increasingly diverse and connected energy societies to flourish together through energy transition and transformation. We actively engage in responding to the climate emergency while meeting the sustainable energy needs of the world's growing population.
- 3| **With over 3,000 member organisations and a presence in over 90 countries we have the diversity, local depth and global breadth** essential to support energy leaders and professionals, policy makers and wider stakeholders to better understand and manage connected challenges and tackle complex systems change. We engage the whole energy system – sectors, markets, states, citizens, cities, communities and civil society – in our mission to promote and secure benefits of sustainable energy for all.
- 4| **Our unique community has grown in experience together for nearly 100 years,** operating with a clean heritage and strong track record through three different eras in modern energy – energy for peace, energy for prosperity and energy for people and planet. By 1980s, we had invested 25 years in understanding renewable power generation and have been instrumental in promoting sustainable energy development (World Energy Trilemma Index was a 1st in integrated sustainability frameworks).

A photograph of a group of children sitting together on the floor, looking at a tablet or book. The image is overlaid with a dark blue semi-transparent rectangle containing white text.

OUR POWERFUL VISION

Humanising Energy

Global energy transition is driven by the interaction of five broader sets of global trends **digitisation, decarbonisation, decentralisation, diversity** and **demand**.

Value is migrating closer the end use and new leadership mindset has emerged – a shift from linear supply-centric thinking to customer-centric systems and demand-driven solutions. There is an increasing gap in productive energy access within and between countries and the need for courageous conversation about how to address the socio-economic impacts of energy transition and manage the full costs to society of accelerating the pace of change.

To achieve climate neutrality (*transitionS*) and enable all societies to peacefully coexist and flourish together (*transformationS*), more energy for sustainable development (*additionS*), will be needed. **Humanising energy is our community call to action.**

Humanising energy recognises the vital social purpose of the role of modern energy development in transforming the lives of billions of people as well as securing a healthy planet. We believe it takes a worldwide community to build and change an entire global energy system.

The implications of this vision sets a new connected challenges agenda: more energy and climate neutrality in a new era of affordability and social justice. It reflects an imperative to effectively engage many and more diverse energy users and uses – a new and more demanding side of the equation – and to include the voice of those impacted by energy transition in designing and managing the process, including workers, customers, communities and cities, alongside companies and countries.

WORLD ENERGY COUNCIL

UNIQUELY PLACED TO DELIVER ENERGY TRANSITION FOR PEOPLE AND PLANET AT SCALE

UNIQUE POSITIONING AND ABILITY TO DELIVER

- Global footprint with a network of over 3,000 member organisations and a presence in over 90 countries;
- Track record across the globe along with world class partnerships;
- Insights and know-how expertise to define solutions – we are a bridge between diverse energy needs and interests with the ability to join the dots helping us connect the challenges of recovery from crisis, repair our planet and regenerate our societies;
- Well respected and experienced International Board & Advisory from diverse energy societies and the whole energy ecosystem;
- Independent and impartial status;
- A UK registered charity, the Council demonstrates strong governance, ESG credentials and leadership track record.



OUR ENERGY+ AGENDA FOCUSES ON THE 'HOW TO' NOT 'SHOULD DO'



OUR NETWORK

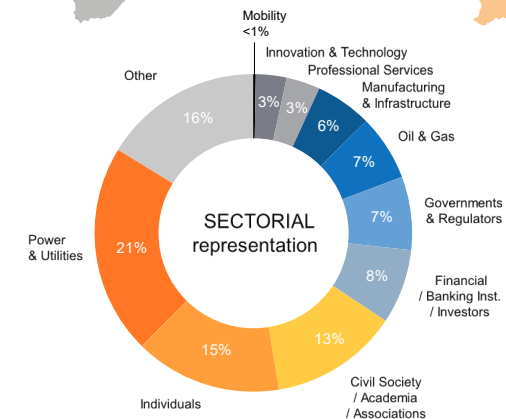
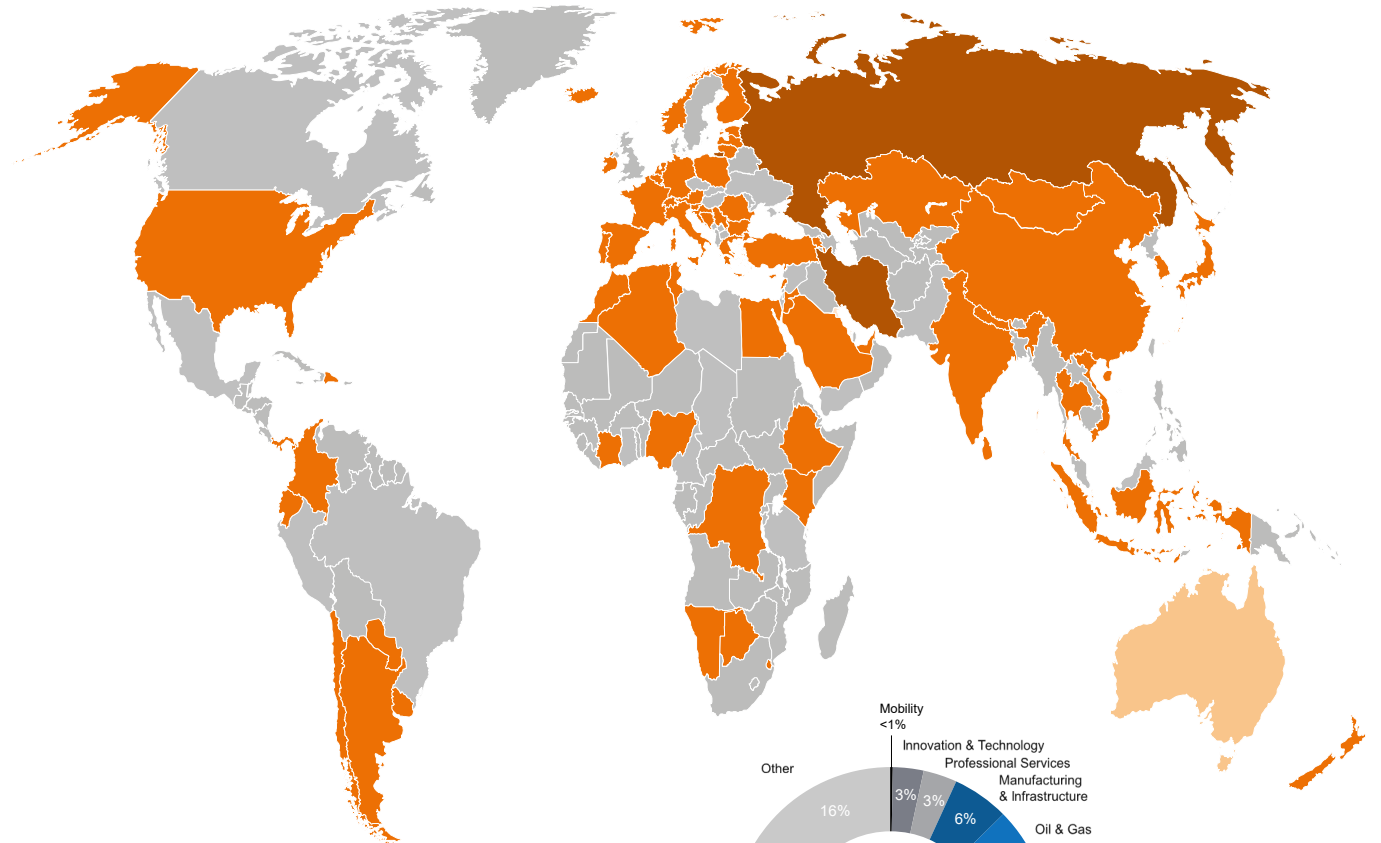
- Member Committees
- Patrons & Partners
- Future Energy Leaders
- Start-ups & Innovators
- Funders



MEMBER COMMITTEES AT THE CENTRE

The World Energy Council is formed of National Member Committees, national platforms which represent the energy landscape of their country. Member Committees are at the heart of our success and represent a diversity of players, are cross-sector and resource neutral. Each committee is structured in a way that makes the most sense for its local situation.

Each Council national member committee is entitled to be represented in the annual Executive Assembly, which is the ultimate governing authority for the World Energy Council. The Executive Assembly meets once a year in various locations around the world during World Energy Week to conduct the Council's business. All member committees have one vote in the Executive Assembly regardless of size or subscription category (see subscription fees).



WORLD ENERGY COUNCIL PARTNERS

Partners are a critical pillar of the World Energy Council, working closely with the Council and its members to promote the sustainable supply and use of energy for better lives and a healthier planet.

The Council takes a long-term view to developing Partner relationships. We believe deeper, more impactful relations lead to sustainable synergies which ensure mutual benefit for all of society.

We are funded through member subscriptions and have been able to extend our community reach and impact through leverage of generous contributions from Partner organisations that are aligned with our values and mission.

Partnership brings a number of benefits, which include high-level networking, association, ability to shape the strategic agenda and actions of a unique organisation with a remarkable heritage and clean brand.



Our Partners play a play role at the triennial World Energy Congress. The 100th anniversary event will convene the entire 'energy +' community - governments, companies, communities and customers.

OUR IMPACT

We leverage our core capabilities to deliver our Humanising Energy Breakthrough Impact Agenda – together.

Our exceptional convening power shapes a progressive, inclusive and action-focused energy leadership agenda

World Energy Congress
World Energy Week
World Energy Leaders' Dialogues
Energy Trilemma Summits

Our deep global network is inclusive, impartial and diverse and connects members from across the energy ecosystem

National Membership Committees
Future Energy Leaders programme
Start-up Energy Transition platform
Ministerial and CEO communities

**WORLD
ENERGY
COUNCIL**

Our unique transition tools and insights equip leaders in managing successful energy transitions

World Energy Scenarios
World Energy Trilemma Index
World Energy Issues Monitor
World Energy Transition Radar

The knowledge, expertise and know-how within our community enables members to lead with and learn from each other

Whole energy system expertise
Community of practice
World Energy Academy
Mentoring experience



STRATEGIC PRIORITIES



HUMANISING ENERGY VISION

FASTER

Overcomes inertia & incrementalism

FAIRER

Understanding and measuring what "fair" means to different groups

FURTHER

Cultivating energy+ ecosystems for net zero and beyond



STRATEGIC PRIORITIES

COMMUNITY STRENGTHENING

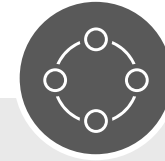
Building a fit-for-purpose organisation

CONVENING POWER

Pulling visionary world energy leadership together

CENTENARY OPPORTUNITIES

'Go big or go home' cash and impact capabilities



IMPACT PROGRAMMES

TRANSFORMATION

Place-based energy transition projects

TRUST

Involve more people to achieve a step change in engagement

TRANSPARENCY

Enhance real-time tracking & holistic performance management of energy transitions



STRUCTURE & GOVERNANCE

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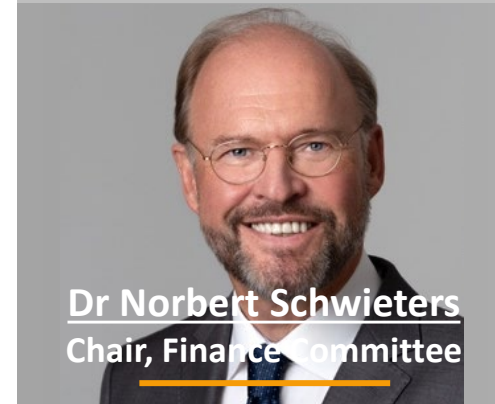
The Council is headquartered in London. Our international staff is present in all regions across the globe, with about 50% of staff based in the UK. The World Energy Council is a registered UK charity and became an incorporated UK company in 2001.



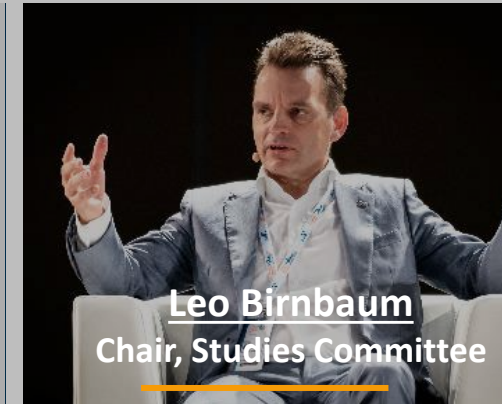
Dr Mike Howard
Chair



Dr Angela Wilkinson
Secretary General & CEO



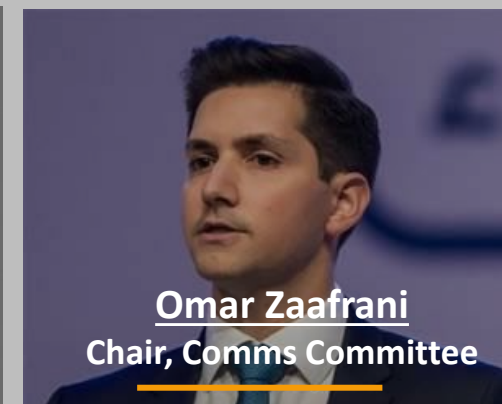
Dr Norbert Schwieters
Chair, Finance Committee



Leo Birnbaum
Chair, Studies Committee



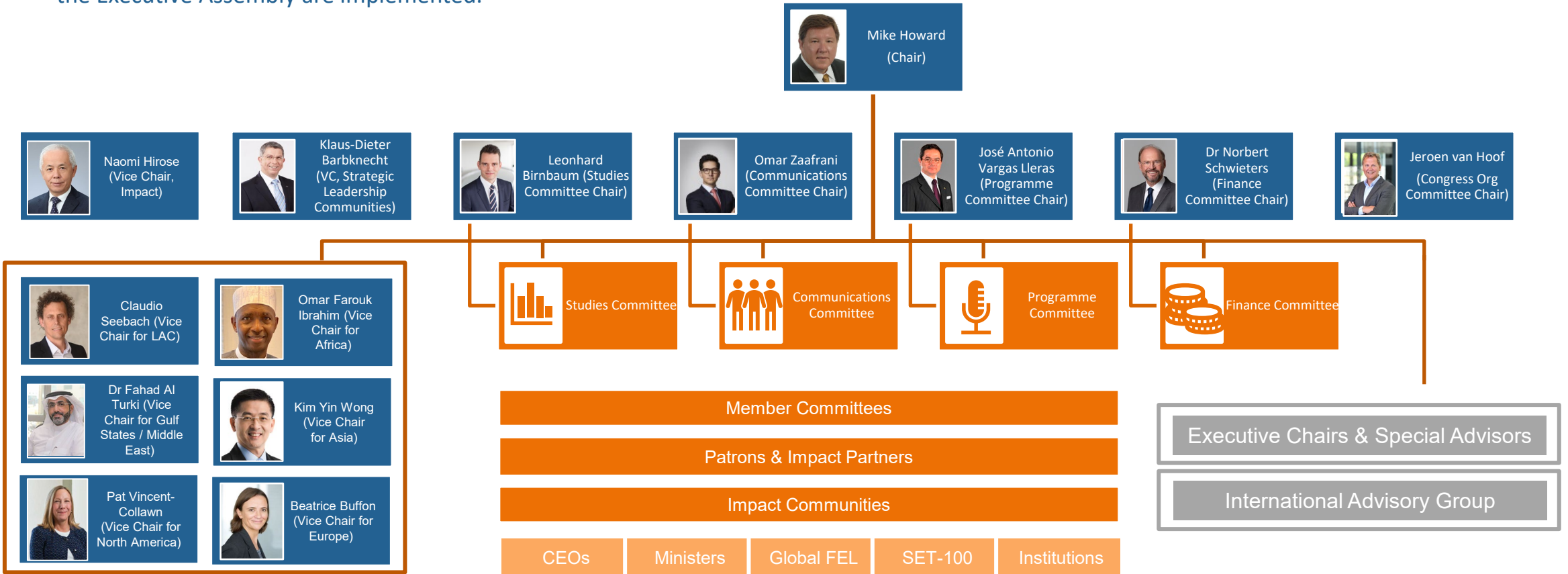
José Antonio Vargas Lleras
Chair, Programme Committee



Omar Zaafrani
Chair, Comms Committee

STRUCTURE & GOVERNANCE

The **Officers of the Council**, who are elected by the Executive Assembly and report to it, form the Board of Trustees of the organisation. They are responsible for managing the business affairs and property of the Council and ensure policies approved by the Executive Assembly are implemented.



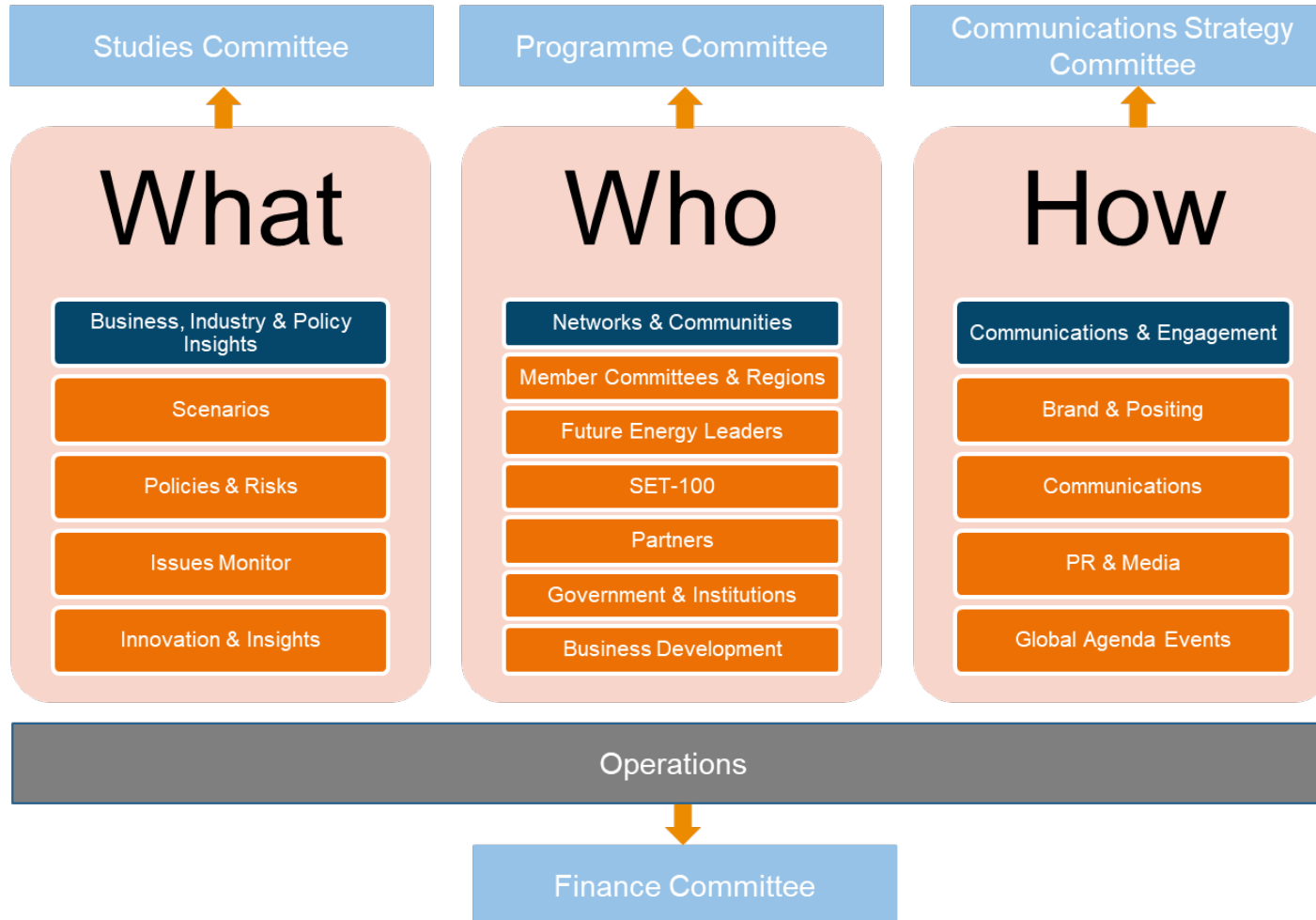
- Officers Council
- Communities
- Executive Chairs & IAG

STANDING COMMITTEES

Three Standing Committees – Studies, Programme and Communications & Strategy – are responsible for ensuring that the Council’s work programme is carried out. The Finance Committee is a subcommittee of the Officers Council and oversees the financial affairs of the World Energy Council.

WHAT Studies	WHO Programme	HOW Communications & Strategy
<p>Oversee and contribute to Insights activity, including</p> <ul style="list-style-type: none"> • Strategic review for quality assurance and alignment • Engage in evolving and extending the existing flexible energy transition leadership toolkit • Engage in the development of new customer-centric, co-generative solutions • Leverage insights and tools in new collaborative ways to support our humanising energy agenda and for greater impact in regions 	<p>Oversee and contribute to Networks & Communities activity, including:</p> <ul style="list-style-type: none"> • Support member network extension and strengthening efforts • Mobilise and support Member Committees deliver impact projects both in country and across our community network • Identify and promote innovative business models within the wider network • Attract new partners and extend network to new energy ecosystem players • Center of excellence – promoting impact-led best practices and benchmarking in the network 	<p>Oversee and contribute to Communications & Engagement activity, including:</p> <ul style="list-style-type: none"> • External positioning of the Council, including support to the market / commercial offering • Forum for dedicated Council-wide communication and engagement discussion • Oversee communication strategy & narrative • Support communications implementation in under-represented markets • Guide Global Agenda (e.g., global and regional events) • Oversee World Energy Congress delivery

STRUCTURE OF THE GLOBAL SECRETARIAT





OUR ASSETS. OUR IMPACT

OUR IMPACT

We leverage our core capabilities to deliver our Humanising Energy Breakthrough Impact Agenda – together.

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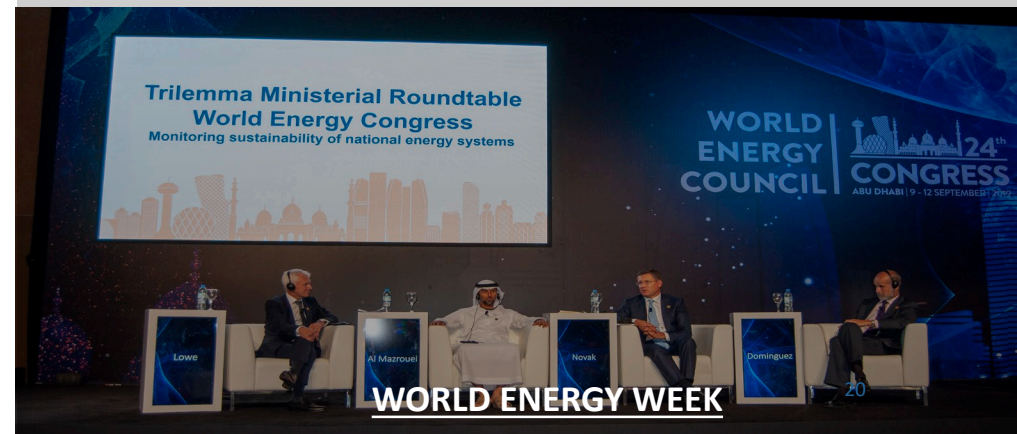
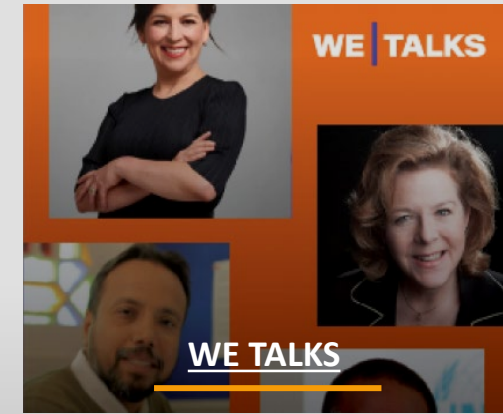
CONVENING AND DRIVING ACTION

Through exceptional convening power and by carefully curating and producing better quality global- and regional- energy leadership conversations, we shape a progressive, inclusive and action-focused energy agenda.

The Council's flagship convening platform, the World Energy Congress, has been held every three years since 1924 and is the most recognized and well-respected 'jewel in the crown' of world energy leadership events. It connects leaders, experts and professionals from across the entire world energy industry – encompassing all energy sectors, all geographies and all technologies.

The 24th World Energy Congress in Abu Dhabi provided a unique opportunity to explore new regional pathways in energy transition and convened 5,000 delegates and 18,000 attendees from around the world.

The Council has an excellent track record in convening other all-digital and hybrid energy leadership dialogues, channels and events – including WE Talks, its annual World Energy Week and regular World Energy Leaders' Summits.



Redesigning Energy for People and Planet

Welcoming energy leaders and visionaries from all corners of the world



7,000+

INTERNATIONAL ENERGY
STAKEHOLDERS

18,000+

ATTENDEES

150+

COUNTRIES

70+

MINISTERS

250+

SPEAKERS

60+

SESSIONS

100+

EXHIBITORS

1,200+

MEDIA REPRESENTATIVES

POWERFUL PARTNERSHIPS

Humanising Energy is an online series produced for the World Energy Council by BBC StoryWorks Commercial Productions.

This powerful online series of films and articles displays the technical innovation taking place across the energy sector through compelling, human-centric stories of creativity, collaboration and community.

With content capturing the stories of remote communities in need of reliable sustainable energy, of innovators changing the future of energy, and of organisations striving to effectively harness the earth's natural resources, *Humanising Energy* tells the human story at the heart of the energy sector.

Watch some of the videos [here](#).

WORLD
ENERGY
COUNCIL

BBC StoryWorks
Commercial Productions

#HumanisingEnergy

WHAT DOES HUMANISING ENERGY MEAN?



NATURAL RESOURCES



INNOVATION



COMMUNITIES



THE THREE
MAIN
ELEMENTS

#HumanisingEnergy

HOW DO YOU GENERATE OPTIMISM FOR
THE FUTURE?



#HumanisingEnergy

MEMBER COMMITTEES AT THE HEART OF THE COMMUNITY

North America

USA

LAC

Argentina

Chile

Colombia

Dominican Republic

Ecuador

Panama

Paraguay

Trinidad & Tobago

Uruguay

Europe

Armenia

Austria

Belgium

Bosnia & Herzegovina

Bulgaria

Croatia

Cyprus

Estonia

Finland

France

Germany

Greece

Iceland

Ireland

Italy

Kazakhstan

Latvia

Lithuania

Malta

Monaco

Netherlands

Norway

Poland

Portugal

Romania

Russia*

Serbia

Slovenia

Spain

Switzerland

Turkey

Africa

Algeria

Botswana

Congo (Dem Rep)

Cote d'Ivoire

Egypt (Arab Rep)

Eswatini

Ethiopia

Kenya

Morocco

Namibia

Nigeria

Tunisia

Middle East

Bahrain

Iran*

Jordan

Kuwait

Lebanon

Saudi Arabia

United Arab Emirates

Asia

China

Hong Kong

India

Indonesia

Japan

Korea (Rep)

Mongolia

Nepal

New Zealand

Singapore

Sri Lanka

Thailand

Vietnam

CHANGE MAKER COMMUNITIES

Start-ups, entrepreneurs and young professionals are an integral part of our 'how to' community. They work side-by-side with the world's most experienced hands, brightest minds, and biggest hearts to forge new shared understanding and sustain new and more effective cooperation in this current era of more energy and climate neutrality.

Supporting our innovation agenda, our **Start Up Energy Transition Awards** are an international competition for young companies and start-ups worldwide that recognises and celebrates innovative solutions to accelerate the energy transition and connects participants with key stakeholders in the energy sector including investors, industry leader incumbents, media and government. The awards are powered by the Council in cooperation with Deutsche Energie-Agentur GmbH.

Our **Future Energy Leaders Programme** is a global recognition and high-potential programme to develop the next generation of energy leaders and facilitate networking opportunities and participation in the Council's activities. At the end of 2022, the Council had around 500 young minds creating new energy opportunities and contributing innovative solutions to the most pressing issues in the energy transition, through the global Future Energy Leaders' programme as well as national chapters in more than 20 countries.



EQUIPPING LEADERS IN MANAGING SUCCESSFUL ENERGY TRANSITION

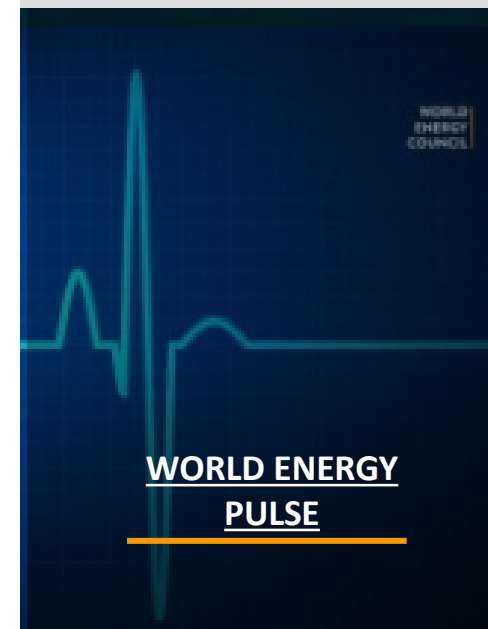
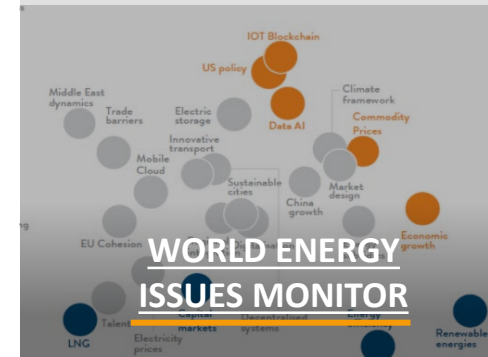
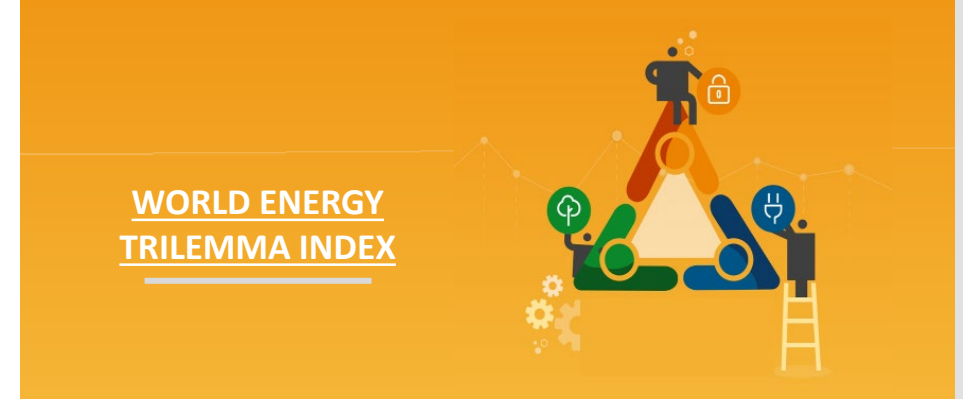
Energy is not a single issue but a complex and interconnected system.

Managing a successful global energy transition is not straightforward.

We engage regional-, technological- and sectoral diversity as a source of new insights, innovation and shared learning.

Our pragmatic World Energy Transition Leaders Toolkit comprises a unique set of interactive tools for engaging diverse perspectives and forging new common ground.

Our practical tools are co-developed with and sharpened through use by our practical world energy community.





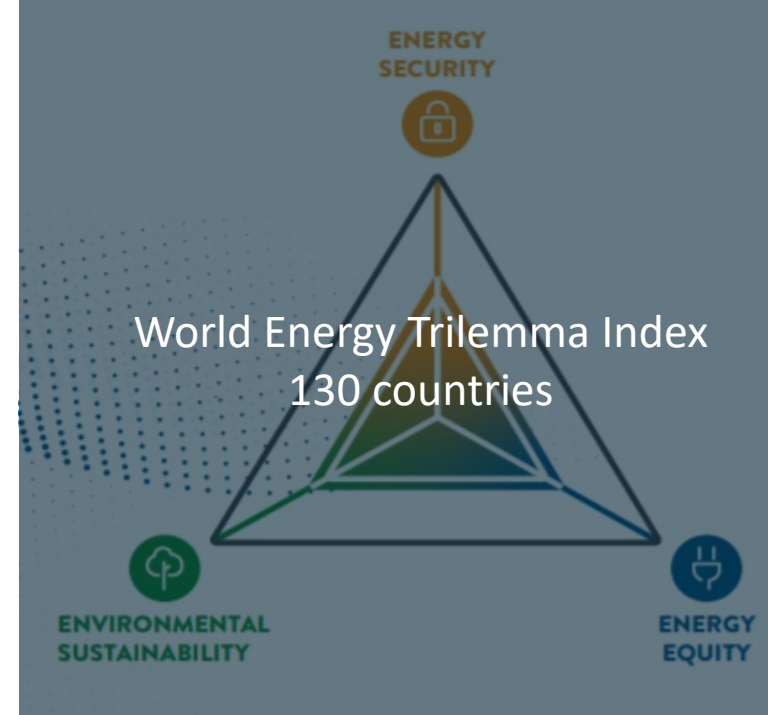
ASSETS IN USE

Promoting affordable, reliable and just energy for all

What are we doing?

Our World Energy Trilemma Index is an **annual measurement** of national energy system performances across each of the three trilemma dimensions – **Energy Security, Energy Equity, and Environmental sustainability.**

In 2022 we published our 11th edition of the World Energy Trilemma Index.



What is the challenge?

Successful energy transition requires carefully managed balance of Energy Security, Energy Equity, and Environmental sustainability.

There is **no single golden path** for successful energy transition, and instead, each country will need to determine its own best energy policy pathway considering its national situation and priorities.

Top 10 improvers countries for last 10 years

Rank	Country	Grade	Score	Improvement since 2000
91	Cambodia	DDDd	50.8	77%
89	Myanmar	BDCd	54.3	50%
89	Kenya	BDBc	54.3	41%
94	Bangladesh	DDDd	47.8	38%
75	Honduras	CCBc	60.5	36%
88	Ghana	CDBc	55.3	36%
82	Nicaragua	CCBd	57.9	34%
101	Ethiopia	DDCd	43.1	33%
83	Tajikistan	DCCd	57.1	30%
87	Mongolia	DBDc	55.5	28%

What is our impact?

We work with countries to help them **measure and track** their energy transition performance.

We enable individual countries and diverse regions to **learn from each other.**

We support countries in **joining-the-dots** by managing connected challenges of energy security, energy affordability and equity and environmental sustainability.

Enabling innovation to humanise energy

What is the challenge?

Securing sustainable supply and use of energy that meets the needs of our planet relies on successful development and delivery of innovative solutions.

There is an increasing need to look at a **whole-systems transformation**, and focus innovation not only on technology but also policy and financial advances and behavioural change.

What are we doing?

Integrating innovative thinking with our work programmes, activities, experiences and communities is our priority.

We are building a **network of energy innovators** and running an annual **Start Up Energy Transition (SET100) Award**, in partnership with the German Energy Agency (dena).

2,500+ start-ups from 95 countries in last 5 years

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Securing sustainable supply and use of energy that meets the needs of our planet relies on successful development and delivery of innovative solutions.

There is an increasing need to look at a **whole-systems transformation**, and focus innovation not only on technology but also policy and financial advances and behavioural change.



80 Start-Ups from 27 countries were featured and 9 pitching sessions hosted at 24th World Energy Congress 2019

What is our impact?

We **connect** innovators and entrepreneurs with investors, regulators and energy incumbents.

We **inspire** innovative ideas to accelerate successful energy transition.

We **promote** the next generation of responsible business energy leaders.

Building energy literacy

What are we doing?

Our **World Energy Academy** is designed to **build human capital** to close energy access gap and progress energy transition.

We are bringing knowledge, expertise and know-how not only to **energy professionals** but also to **non-energy** energy actors, as well as to **vulnerable members** of communities in regions like Latin America, Africa and South-East Asia (Solar Mamas initiative).



8 countries with more than 4,000 alumni in last 10 years

What is the challenge?

Relying on technologies, new policies and business model innovation is not enough to close the basic energy access gap.

Scaling new technologies and innovations requires **energy literacy of all stakeholders involved in energy transition** including consumers, communities, policy makers, regulators, and financial institutions.



840 million people with no access to electricity

What is our impact?

We increase energy **literacy across** diverse communities and enable **local change**.

We promote **whole energy system** thinking and appreciation of connected challenges

We equip **vulnerable communities** in Latin America region with the essential energy skills to deliver a sustainable, clean energy transition.

Preparing for different energy futures

What is the challenge?

Energy systems are undergoing fundamental changes, shaped by a shifting global context of **“the grand transition”** – which includes environmental, technological, geopolitical and societal changes.

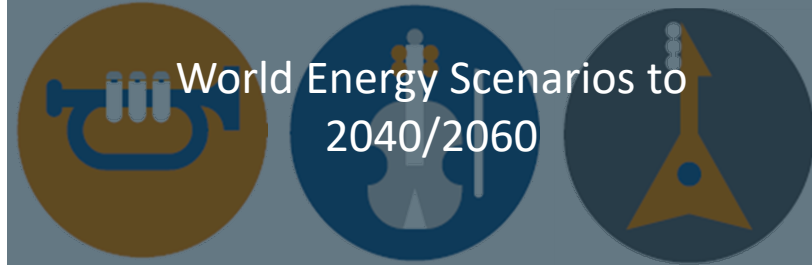
While energy leaders and communities cannot predict the future, they can better prepare for it by looking at a bigger picture and considering wider context.

What are we doing?

The World Energy Council has more than two decades of foresight practice. Our world energy scenarios to 2060 present three alternative pathways through the Grand Transition – **Modern Jazz, Unfinished Symphony and Hard Rock**.

Scenarios are used by regions and sectors to look at alternative futures. For example, Australia has been using scenario framework to look at the future of jobs and skills for the future.

Exploring energy professionals and skills of the future through scenarios lens



What is our impact?

We **equip stakeholders with tools and insights** to look at new policies needs, investment opportunities and social shifts for better future.

We help **grasp the complexity** of future energy systems and make **informed decision** how to better prepare for it.

We build **community of energy foresight practice** which helps to drive successful energy transition.

ABERDEEN CLEAN AND JUST ENERGY TRANSITION

- A **clean and just energy transition** is critical in delivering net zero, but no pathways have been established to achieve this on a local city basis
- Communities in both business and society aren't currently fully engaged in the process – future solutions require their participation to ensure a balance of net-zero, energy security and access for all, are part of the solution
- The World Energy Council, with its unique independent position in the market and understanding of the energy transition process, has convened a **consortium to establish a clean and just energy transition in Aberdeen**, the UK's most important energy city
- This consortium enables participants to:
 - ❖ Identify the mechanisms to unlock and accelerate the energy transition process
 - ❖ Co-create with citizens and communities of Aberdeen pathways to deliver an accelerated clean and just energy transition
 - ❖ Use a whole energy solution to identify the priorities to drive a clean and just energy transition
 - ❖ Equip decision-makers with a vital understanding of the granular drivers of energy transitions to inform ESG / commercial decisions



THANK YOU

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www.worldenergy.org | [@WECouncil](https://twitter.com/WECouncil)