

**WORLD
ENERGY
COUNCIL**

THE GLOBAL ENERGY NETWORK

worldenergy.org

**Promoting the sustainable supply and use of
energy for the greatest benefit of all people**

LEADING THE WAY TO SUCCESSFUL ENERGY TRANSITION

The energy world is full of good ideas, better technologies, talented people and exciting opportunities - our goal is to connect these and create new experiences in managing successful global energy transition.

Success is not straightforward or a single-issue challenge. Coordinated leadership, practical wisdom and political will are pivotal work within energy and across multiple sectors.

Securing flows of clean, reliable, affordable and sustainable energy to everyone, anywhere at any time is the ultimate vision of the World Energy Council.

Yet many countries are still struggling to provide productive, affordable and reliable access to heat and power for all their citizens. How can energy transition and transformation contribute to the global vision that no one is left behind?

Energy transition is a complex process. There is no 'one size fits all' global solution. That is why the World Energy Council works across the entire energy spectrum, covering all forms of energy.

Our ambition is to accelerate net zero carbon energy pathways, deliver better lives and livelihoods for all and secure a healthier planet for future generations.

We are unique in leveraging the depth and breadth of real world and practical experiences to engage and equip energy transition leaders across the public, private and civic sectors.

WE STRONGLY BELIEVE THAT A WHOLE ENERGY SYSTEM MINDSET AND A FLEXIBLE, INTERACTIVE ENERGY TRANSITION TOOLKIT ARE ESSENTIAL TO ACHIEVING SUCCESS.

We work with and for our diverse global member communities, sharing know-how, helping to clarify strategic choices and better options, and developing new, timely and deeper insights which are essential in translating new energy visions into reality.

We connect and engage experts within our network and leverage our events and digital platforms to build, equip, and enable a truly global community of energy transition leaders, curate effective leadership learning experiences, build skills and capabilities and create new impact communities.



SECRETARY GENERAL CHRISTOPH FREI AT THE EVENT HORIZON INNOVATION EVENT BERLIN, 2019

TACKLING THE ENERGY TRANSITION CHALLENGES

OUR MISSION:

PROMOTING THE SUSTAINABLE SUPPLY AND USE OF ENERGY FOR THE GREATEST BENEFIT OF ALL PEOPLE.

Accredited by the United Nations, the World Energy Council is the world's leading member-based energy network.

We are **independent and impartial**, working dynamically across the whole energy system.

We are not a think tank or talking shop. **We are a worldwide energy experience bank**, bringing together energy leaders, pioneers and policy shapers to deliver the actions required for worldwide energy transition.

THE WORLD ENERGY COUNCIL HAS BEEN AT THE LEADING EDGE OF THE ENERGY DEBATE SINCE 1923.



MAX PLANCK AND ALBERT EINSTEIN AT THE FIRST WORLD POWER CONFERENCE, BERLIN, 1930



ENERGY INNOVATORS PITCHING AT THE
WORLD ENERGY WEEK,
MILAN, 2018

Our first global gathering - the World Power Conference, 1930 – was called to address the urgent issue of rebuilding the electricity grid following the First World War. At the same meeting, Albert Einstein presented his now renowned theory of relativity.

Almost a century later, energy remains central to the needs of society. Access to secure, reliable and environmentally sound energy is an essential enabler of prosperity – and therefore human wellbeing.

Today's main challenge is managing the energy transition to meet the needs of an increasingly digitalised, inter-connected and mobile society in a secure, affordable and environmentally sustainable manner.

COLLABORATING WITH OUR IMPACT COMMUNITIES

The Council's communities include **Governments, Industry Leaders, Future Energy Leaders, Start-ups, Partners & Member Committees.**

Our network connects **over 3,000 members in nearly 100 countries.**

We truly represent the world's energy voice. Our work encompasses insight, views, innovative collaboration and interactive experiences from experts in policy strategy, governance and finance, as well as the producers, consumers, managers and suppliers of energy.

Our national **Member Committees** are at the heart of the Council and lead the energy dialogue at local and regional levels, enabling debate between government, the business community and other stakeholders. They ensure that knowledge, expertise and insights are shared within their communities and across borders, and play their part in the global effort to transition to a more sustainable energy system.

Partners are vital to the Council, providing platforms for collaboration with our global network and leading the way in promoting innovation. Partnering with the Council presents an opportunity to shape energy futures, address challenges, deliver insights, to lend a voice in areas such as blockchain, cyber security, storage, hydrogen, and e-mobility.



Global drivers of change - including decarbonisation, digitalisation, decentralisation - are combining in unexpected ways and with unpredictable outcomes. The World Energy Council supports energy leaders in appreciating new complex realities and in finding practical solutions.

SHARING INSIGHTS ON WORLD ENERGY TO DRIVE IMPACT

The World Energy Council equips energy leaders with timely and relevant insights for making better decisions. Our impact communities develop practical know-how for driving successful energy transition.

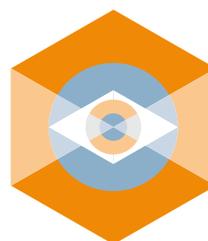
Our pragmatic **Energy Transition Leaders Toolkit** comprises five interactive tools which can be used individually or combined to develop and inform agile and adaptable business strategies and policies.

In addition to our Toolkit, the Council promotes and shares new insights via regular communications - including **reports, Insight Briefs, webinars** - to support our members and engage the wider energy community.

The Council promotes collaborative innovation in managing successful, whole energy systems transitions. **No single community, city, company or country can achieve success by working alone.** We connect ideas and people with actions to learn how to move faster and go further together in translating new energy visions into reality.

WORLD ENERGY ISSUES MONITOR

Annual reality check of 2,000+ energy leaders worldwide focusing on the challenges of energy transition



WORLD ENERGY SCENARIOS

Strategic foresight tool that explores pathways to improve preparation for the energy transition

ENERGY TRILEMMA INDEX

Better policy through balancing energy security, equity and environmental sustainability



INNOVATION INSIGHTS

To help members navigate the shifting innovation landscape

DYNAMIC RESILIENCE FRAMEWORK

A framework for emerging and systemic risk management, including new challenges like weather hazards and cyber-security



The need for a shared energy framework to inform successful energy transition is clear. Partnering with the World Energy Council to produce the World Energy Scenarios tool gives broader and deeper insights into potential solutions to one of the world's biggest challenges today.

BUILDING CAPABILITIES THROUGH INNOVATION

We need to think of innovation not as one technology choice versus another, or substituting old technologies for new, but a whole-systems transformation. To do this we need to bring together key innovation accelerators, such as technology, finance, behaviour and new business models.

Integrating innovators and innovative thinking with our work programmes, activities, experiences and communities is a priority on the Council's agenda. We create platforms to accelerate and deepen capabilities that can help to drive the energy transition. We achieve impact by identifying innovators, matchmaking within our communities and developing those talented individuals who will become our future inspirational energy leaders.

Supporting our innovation agenda, our annual **Start Up Energy Transition (SET100)** Award, in partnership with the German Energy Agency (dena), is an international competition for innovative start-ups and young companies worldwide who are working on ideas affecting global energy transition and climate change.





The World Energy Council's **Future Energy Leaders (FEL-100) program** brings together the top one hundred energy leaders under the age of 35 from around the world. It is a launchpad for the next generation of energy leaders and transition pioneers through leadership development, networking opportunities and participation in the Council's activities.

The FEL-100 global impact community of exceptional young professionals share a commitment to shape the energy future, solve the world's most pressing challenges in energy and sustainability, engage in national, regional and global activities and events and deliver innovative projects through their **Market of Ideas** programme.

The **World Energy Academy** takes the Council's tools into national energy systems, enhancing practical skills and building capabilities of energy practitioners.

“Being a Future Energy Leader offered a spectacular chance to participate in the global energy dialogue. I'd say it's a must for young professionals wishing to become the energy leaders of tomorrow.”

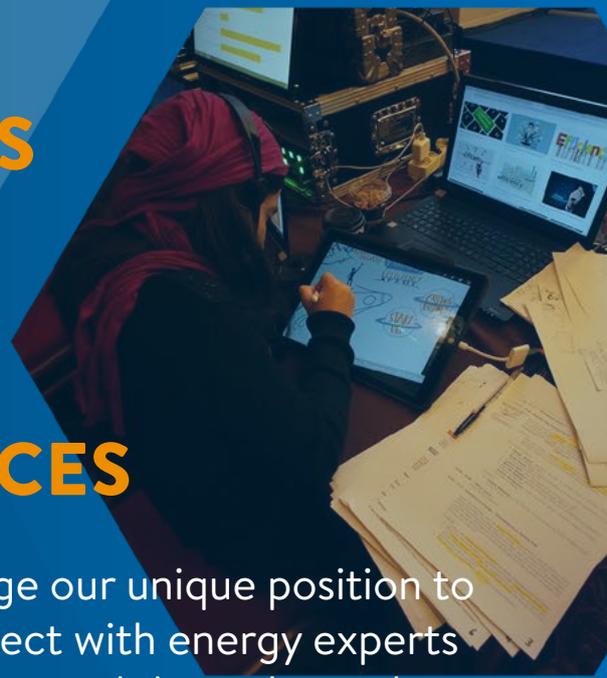
Pirjo Jantunen, Former FEL Chair

ENABLING THE WORLD'S FIRST ENERGY EXPERIENCE BANK

EVENTS AND EXPERIENCES

The range of our activities helps us to leverage our unique position to engage, educate, inspire, influence and connect with energy experts across the globe. By curating a range of events and through regular communication and collaboration with our members, we give our communities access to the practical knowledge they need to achieve impact as they move towards a secure, affordable and inclusive energy transition.

For global energy leaders looking to share best practice and develop solutions to key energy issues, we host invitation-only **World Energy Leaders' Summits**.





“No single country can solve the energy problem by itself.”

President Gerald Ford, World Energy Congress, 1974

Regional and national events are organised by the Council’s Member Committees, focusing specifically on national and regional energy issues.

The Council’s highly respected flagship event – the **World Energy Congress** – is held every three years, convening energy leaders and practitioners from across the world to drive forward the energy transition agenda. Facilitating strategic dialogue and match-making expertise with and for our impact communities, we deliver deeper whole energy system insights and understanding.

PLAY YOUR PART IN THE FUTURE OF ENERGY

A new era of clean energy abundance is emerging and it is characterized by new entrepreneurial energy, but there is no room for complacency. Fragmentation of ideas and actions are the biggest risks in delivering successful worldwide energy transitions. Members of the Council in nearly/over 100 countries work together in support of a shared mission to enable the sustainable use and supply of energy for the benefit of all people.

Contact our team to find out how to take your place in shaping the future of world energy:

Members:

memberservices@worldenergy.org

Partners:

partners@worldenergy.org

Future Energy Leaders:

memberservices@worldenergy.org

Find out more about our work:

Tools and publications:

www.worldenergy.org/toolkit

Experiences and events:

www.worldenergy.org/experiences

News and views:

www.worldenergy.org/views

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