

ENERGY COMPACT



HIGH-LEVEL DIALOGUE ON
ENERGY
UNITED NATIONS, NEW YORK, SEPTEMBER 2021

Supported by
UN ENERGY



ENERGIA
INTERNATIONAL NETWORK ON
GENDER & SUSTAINABLE ENERGY



GWNET
Global Women's Network
for the Energy Transition



Deep Dive Workshop

CATALYZING ACTION TOWARDS GENDER EQUALITY AND EMPOWERING WOMEN TO ACCELERATE A JUST,
INCLUSIVE AND SUSTAINABLE ENERGY TRANSITION

8 September 2021

2-3:30 pm CEST



Agenda

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Welcome remarks

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Opening remarks by Ecuador, Iceland, Kenya and Nepal

3

Energy Compact Process and Expectations

4

The Energy Compact to catalyze action towards enhancing gender equality and empowering women

5

Priority actions and commitments by stakeholders

6

Plenary interventions from the floor and Q&A

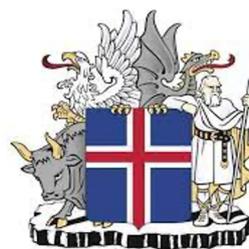
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Closing





Welcome remarks by Ecuador, Iceland, Nepal and Kenya





**United
Nations**



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High Level Dialogue on Energy Energy Compacts



High-level Dialogue on Energy: Outcomes



Global roadmap with concrete plans of action towards the achievement of SDG7 by 2030 and net-zero emissions by 2050



Action: “Energy Compacts” i.e. voluntary commitments and actions by all stakeholders to achieve SDG7 by 2030 and net-zero emissions by 2050

Ten-year global plan of action to achieve SDG7, backed by the Energy Compacts and supported by the UN-Energy



NET ZERO 2050

2021

September

November



2025

2030

2050

HLDE Champions and Leads

THEME	GLOBAL THEME CHAMPIONS	TWG CO-LEADS ORGANIZATIONS
1. Energy Access	 <p>CHINA EUROPEAN UNION JAPAN KENYA MALAWI NETHERLANDS RUSSIAN FEDERATION SAUDI ARABIA</p>	 <p>UNITED NATIONS DEVELOPMENT PROGRAMME UN OFFICE FOR LEAST DEVELOPED, LANDLOCKED AND SMALL ISLAND DEVELOPING STATES THE WORLD BANK</p>
2. Energy Transition	 <p>BRZIL CHILE COLOMBIA DENMARK GERMANY INDIA NIGERIA POLAND SPAIN UNITED KINGDOM</p>	 <p>INTERNATIONAL RENEWABLE ENERGY AGENCY UN ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC UN ENVIRONMENT PROGRAMME</p>
3. Enabling SDGs through inclusive, just energy transitions	 <p>EUROPEAN UNION² HONDURAS ICELAND NAURU PANAMA PORTUGAL UNITED ARAB EMIRATES</p>	 <p>UN DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS UN ECONOMIC AND SOCIAL COMMISSION FOR WESTERN ASIA WORLD HEALTH ORGANIZATION</p>
4. Innovation, technology and data	 <p>FINLAND MAURITIUS MOROCCO RUSSIAN FEDERATION²</p>	 <p>FOOD AND AGRICULTURE ORGANIZATION OF THE UN UN HUMAN SETTLEMENTS PROGRAMME UN INDUSTRIAL DEVELOPMENT ORGANIZATION</p>
5. Finance and investment	 <p>DOMINICAN REPUBLIC ITALY NETHERLANDS² PAKISTAN SAUDI ARABIA²</p>	 <p>EUROPEAN INVESTMENT BANK INTERNATIONAL ENERGY AGENCY INTERNATIONAL FINANCE CORPORATION UN ECONOMIC COMMISSION FOR AFRICA</p>

- All Leads and Champions engaged in the preparatory process
- All 5 TWG reports ready for launch in June Ministerial
- Engagement with all Champions and co-Leads on energy compacts is underway
- Key compacts to be announced by Champions in June

Snap-shot of milestones over the last year in the preparatory process



FINANCE DEPLOYED/ LEVERAGED



\$3.4 BILLION

of clean energy direct investments
or leverage targets committed

COMPACT OWNERS

EBRD (\$1.3 billion), Rockefeller/IKEA (\$1 billion), Sustainable Energy for All (\$640 million), Sustainable Water and Energy Solutions Network (\$304 million), Student Energy (\$150 million)

POPULATION CONNECTED



508 MILLION PEOPLE

to be electrified with new connections

Alliance for Rural Electrification (500 million), Enel (5.6 million), Sustainable Energy for All (2 million)

CLEAN CAPACITY INSTALLED



425GW

of additional clean energy capacity to be
installed from solar, wind and hydrogen

India (314GW), Enel (96GW), Denmark (12GW), Portugal (2GW), Basque Region (300MW), Sustainable Water and Energy Solutions Network (50MW)

GREEN JOBS CREATED



7 MILLION GREEN JOBS

to be created along sustainable energy value chain

Alliance for Rural Electrification (5 million), Sustainable Energy for All (2 million)

CLEAN TRANSPORT SYSTEMS CREATED



**10K CLEAN BUSES AND
3.8 MILLION STATIONS**

to be deployed across electric
and hydrogen technologies

Enel (3.8 million electric charging spots; 10k electric buses), Basque Region (20 hydrogen buses; 10 hydrogen filling stations), Portugal (100 hydrogen filling stations)

GREENHOUSE GAS EMISSIONS AVERTED



**1.6 BILLION TONNES
OF CO2 EMISSIONS**

avoided through deployment of
clean energy technologies

Alliance for Rural Electrification (1 billion tonnes), Brazil (620 million)

Leadership on SDG7

- Energy Compacts illustrate what leadership on SDG7 could look like
- Many Energy Compacts have been announced so far totaling to the impact seen here
- Many more stakeholders are working to announce their ambitious commitments at the Dialogue

The Energy Compacts are voluntary commitments to drive bolder action towards SDG7



Energy Compacts will be the most **inclusive** umbrella dedicated to bring together **voluntary commitments** on all SDG7 targets in support of achieving all SDGs by 2030 and net zero emissions by 2050.

WHAT

Voluntary commitments on the following themes to advance SDG7 by 2030 and net zero by 2050.

Energy Access

Innovation, technology and data

Energy Transition

Finance and Investment

Enabling SDGs through inclusive and just transition

WHO

Energy Compacts will be **inclusive** and available for voluntary commitments from all stakeholders in the global movement on SDG7

Governments

International organizations

Business

Multi-stakeholders including youth and academia

Civil society

HOW

Aligned with existing commitments covering ambitious actions, policies, finance and investment, etc. commitments on SDG7.

NDCs

SDGs

Energy Transition Plans

Six-Step Approach

STEP 1: Join Energy Compact Workshops

Developing Actions and Commitments

Examples*

 MEMBER STATE	<ul style="list-style-type: none"> Declares a moratorium on unabated coal-fired generation by XX Commits to expanding access to improved energy cooking services to XX% of the population by XX
 LOCAL GOVERNMENT	<p>Commits to develop a buildings sector strategy that includes 2030 targets for renewable energy integration and energy efficiency that are consistent with SDG 7 and the goals of the Paris Agreement</p>
 BUSINESS	<ul style="list-style-type: none"> Commits to (%) renewable energy share in total final energy consumption by XX Commits to expanding access to affordable, reliable, and modern energy to XX% of population by XX
 Civil Society Organizations	<p>Commits to leading or supporting efforts to enhance data transparency and capacity building for data collection to monitor progress on SDG7</p>
 MULTI-STAKEHOLDER	<p>Commits to deliver green investment that supports commitments to energy access and the energy transition, including incentives to achieve renewable energy and energy efficiency commitments by XX</p>

— All stakeholders in the global movement on SDG7 can make commitments under Energy Compact

— Several parties can also work together to elaborate commitments and actions in a joint Energy Compact in order to have a coordinated partnership approach towards achieving SDG7

* Illustrative and non-exhaustive

Compacts will be iterative and feature UN Energy support



**SUBMISSION
OF COMPACT
TEMPLATE ON UN-
ENERGY ONLINE
PLATFORM**



**REVIEW OF
SUBMISSIONS BY UN-
ENERGY BASED ON A
SET OF GUIDING
PRINCIPLES**



**REGISTRATION OF
ENERGY COMPACTS**

- **UN-Energy will engage iteratively** to ensure specific ambitions, advantages and plans of each stakeholder will be reflected in their Energy Compact
- **Compacts will also be living documents** that can be updated with additional commitments over time

Energy Compacts will be assessed against five guiding principles for quality assurance



Stepping up ambition and accelerating action

Increase contribution of and accelerate the implementation of the SDG7 targets in support of the 2030 Agenda for Sustainable Development for Paris Agreement

Alignment with the 2030 agenda on Sustainable Development Goals

Ensure coherence and alignment with SDG implementation plans and strategies by 2030 as well as national development plans and priorities

Alignment with Paris Agreement and net-zero by 2050

Ensure coherence and alignment with the Nationally Determined Contributions, long-term net zero emission strategies

Leaving no one behind, strengthening inclusion, interlinkages and synergies

Enabling the achievement of SDGs and just transition by reflecting interlinkages with other SDGs

Feasibility and Robustness

Commitments and measures are technically sound, feasible, and verifiable based a set of objectives with specific performance indicators, baselines, targets and data sources as needed



Bringing the Energy Compacts to life

Matchmaking opportunities for Energy Compacts



- Connecting Energy Compacts with resources
- Facilitating knowledge exchange



Sub-national



Business



Multi-Stakeholder



Member State

- UN-Energy will facilitate connecting Energy Compact commitments with requests for support in specific areas on SDG7 targets that have been elaborated

2030

SUSTAINABLE
DEVELOPMENT

Toward the Future We Want



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HLD Energy website:

<https://www.un.org/en/conferences/energy2021>

Energy2021@un.org



Presentation of the energy compact



CATALYZING ACTION TOWARDS GENDER EQUALITY AND EMPOWERING WOMEN TO
ACCELERATE A JUST, INCLUSIVE AND SUSTAINABLE ENERGY TRANSITION



The need for action

Women continue to face barriers that prevent them from leading, participating in, and benefiting from the sustainable energy transition.

70%

OF THE POOR ARE FEMALE

Vicious circle of **energy-poverty**
Women suffer more from health impacts due to the use of traditional cooking fuels

32%

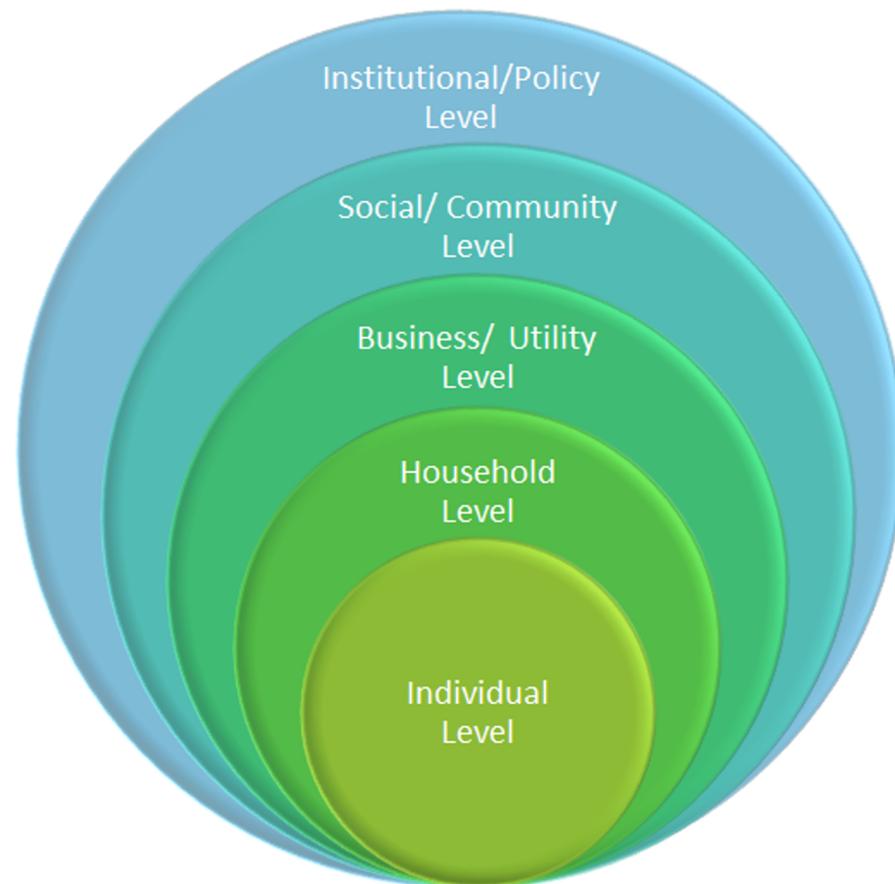
OF THE RENEWABLE ENERGY WORKFORCE ARE FEMALE

Women are especially underrepresented in leadership and technical roles

7%

OF MINISTERIAL POSITIONS ARE OCCUPIED BY WOMEN

Leads to gender-blind energy policies





Development of the GEEW Energy Compact

Austrian Development Agency

Federal Ministry Republic of Austria
European and International Affairs

International Institute for Applied Systems Analysis



VEF virtual Session



Call to Action



VEF July 2021



Launch of TWG reports at HLDE & MF



Energy Compact to Empower Women



Experience, Research, Evidence, and lessons learnt





Call to Action

BRIDGE THE EDUCATION GAP

- Support youth and women and work with educational institutions, private sector, and governments with a view to narrow the education gap by providing entry level training and re-skilling on technical, entrepreneurial, and soft skills and competencies relevant to the clean energy transition and the job market of tomorrow, including in the fields of science, technology, engineering, and mathematics (STEM).
- Foster the enhancement of transferable skills, such as communication, creativity, and emotional intelligence, in addition to business incubation and acceleration.

PROMOTE RESPONSIBLE INVESTMENTS AND PROCUREMENT

- Provide equal access to affordable financial mechanisms as well as tenders and other business opportunities for women and youth-led enterprises, non-profit projects, and other initiatives, e.g. through gender-responsive procurement and budgeting.
- Integrate a gender lens into investment decisions in clean energy projects.

BRIDGE THE GENDER DIGITAL DIVIDE

- In developing countries, girls and women often have less access to technology and the internet compared to boys and men. To achieve gender equality, girls and young women need equal access to technology, digital training and online safety. Therefore, we must ensure that girls and women have equal access to relevant technical skills and digital literacy to be able to take advantage of the essential technology and digital tools for the clean energy transition.

ENSURE EQUAL OWNERSHIP OF ASSETS

- Shed light on the importance of access to and ownership of renewable energy assets, knowledge and information resources as critical tools to change social perceptions and gender norms, particularly in rural areas, where the energy access gap for women is wider than that of men.

ENHANCE ENGAGEMENT AND CAREER ADVANCEMENT AVENUES

- Create awareness and enhance the visibility of women and youth leaders and experts to inspire through role models, mentoring and networking to promote solidarity and overcome common issues and challenges.
- Foster collaboration between the government and the private sector to establish innovation labs that are accessible to women and youth and promote social enterprises that deliver societal and environmental impact.
- Foster young talents: institutionalize programmes, including at the graduate level, that provide young women and men with ample job opportunities at entry-level.
- Develop and implement policies, frameworks and programmes that enhance gender equality in the workforce and at managerial level, such as flexible working arrangements, paternity leave, targeted qualification campaigns, preparatory courses and policies that support the entry, retention and development of women in careers in the clean energy sector.

CHANGE SOCIAL NORMS

- Challenge social norms and redefine the role of men to empower women and youth. Gender diversity, equality and inclusion in the clean energy transition is not just a women's issue – it is central to long-term value creation and sustainability and to leaving no-one behind.

DEVELOP INCLUSIVE POLICIES

- Put women and youth at the center of the economic recovery. Integrate incentives into program funds and green recovery packages to encourage employers to employ, retain and advance more women and youth in the clean energy sector.
- Provide equal opportunities for women to lead, participate in, and benefit from decision-making and the development of inclusive policies for climate action and green recovery.
- Open avenues for youth activists, associations and advocates to channel their voices to high levels of decision making in climate action and green recovery and provide youth an equitable share in the decision-making process.

IMPLEMENT RESULTS ACCOUNTING AND MONITORING

- Adopt tools, targets and metrics to track gender mainstreaming, youth engagement and equitable access, and enforce regular and transparent reporting on adopted targets and indicators, both quantitative and qualitative.

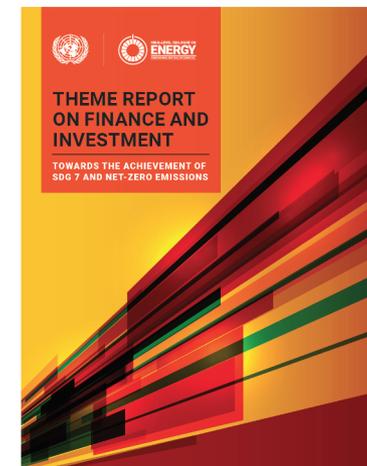
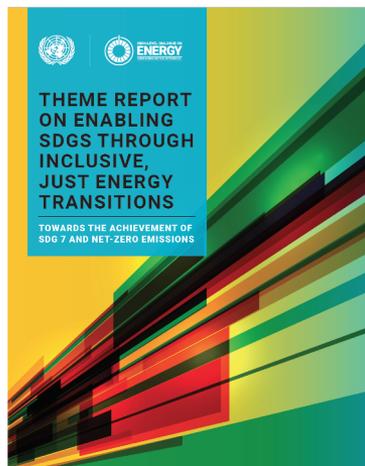
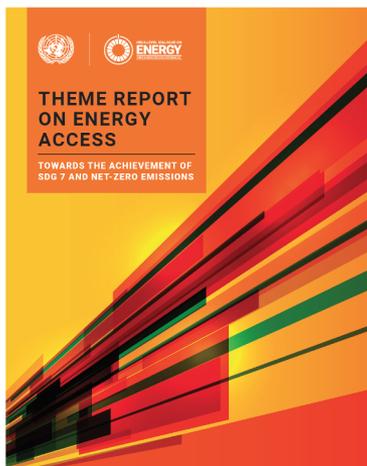




Technical working group reports

Recommendations:

- The 'last mile' of energy access must become the 'first mile' to be tackled (TWG 1)
- Accelerate the integration of gender equity into energy transition pathways (TWG 3)
- Track (gender-disaggregated) progress and integrate an Energy for SDG Impact Framework into energy transition strategies (TWG 3)
- Governments should work with relevant stakeholders to ensure that the realisation of SDG 7 and the global energy transition leave no one behind. (TWG 4)



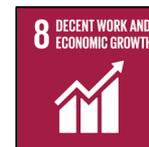


Priority action areas

- **Enhance gender equality in energy- access interventions**, adopting gender-transformative strategies, disseminating and applying emerging good practices and instruments to enhance the role of women in the energy sector as beneficiaries, employees, and entrepreneurs, and increasing women's voices in decision-making. (TWG 1)
- **Foster the inclusion of gender-equality transformative actions**. These may include, among other measures, the promotion of local partnerships to support women workers in low-income countries (e.g., supporting: women's access to ownership of renewable energy products, women's ownership of, and access to, ecosystems-based agriculture, and women's access to capital to strengthen livelihoods, etc). (TWG 3)
- **Establish a set of indicators for monitoring, including data disaggregation** on the situation of the most vulnerable groups within the SDGs, in particular **women**, children, people with disabilities, and indigenous peoples. (TWG 3)
- **Develop programs that provide opportunities and build capacity among professionals, including youth and women**. Programs will be on the supply and demand sides of energy innovation and of data collection and monitoring.(TWG 4)
- **Implement sector- specific commercial-scale pilot and demonstration projects that takes into account user benefits**, especially those for **women** and vulnerable groups. (TWG 4)
- **Increase research and education opportunities** directed at energy innovation for **women**, youth, and marginalized groups in science, technology, and innovation (STI). (TWG 4)
- **Strengthen local access and capacity with targeted support to address the skills gap in digital literacy** through curriculum development, training, and reskilling programs and paying particular attention to **women**, youth, and marginalized groups. (TWG 4)

Theory of Change

What goals do we want to reach?



Women have equal opportunity to lead, participate in, and benefit from the sustainable energy transition.

Women have equal access to sustainable energy products and services

Outcomes:
Which result areas do we need to address?

National and regional ecosystem strengthened to promote and support GEEW: Countries and regions are enabled to (re)formulate gender-responsive energy policies and adopt them, and develop and implement gender-responsive energy compacts

Energy and time poverty of women is reduced

Career advancement avenues are created and women have access to policy- and decision making fora and discussions

Women businesses have increased access to productive resources

Knowledge generated, availability of gender data enhanced and enhanced M&E through use of consistent practices and tools across stakeholders to enable more inclusive and gender-responsive policy response to gendered needs in the context of energy transitions and energy poverty



Outputs and Targets:

What activities and actions are needed to create the outcomes we want?

Barriers: What hinders a just/inclusive energy transition?

lack of access to resources (finance, training, technology)

gender-blind policies (workplace, procurement, gender budgets)

lack of access to networks, business partnership opportunities, information,...

lack of inclusion into decision-making, global climate policy discussions, fora

lack of data (gender statistics, sex-disaggregated)

lack of awareness of potential gender equality for ISID & SDG7

Drudgery of women related to energy and time poverty

male-domination of the energy sector, lack of role models

legal restrictions

Cultural factors and gender norms, bias, gender roles



Multi-Stakeholder Energy Compact on GEEW ZERO DRAFT

Ongoing: Joint Formulation
with Coalition Partners

Catalyzing Action Towards Gender Equality and
Empowering Women to accelerate a Just, Inclusive
and Sustainable Energy Transition

Background/
Theory of
Change

Guiding
Principles

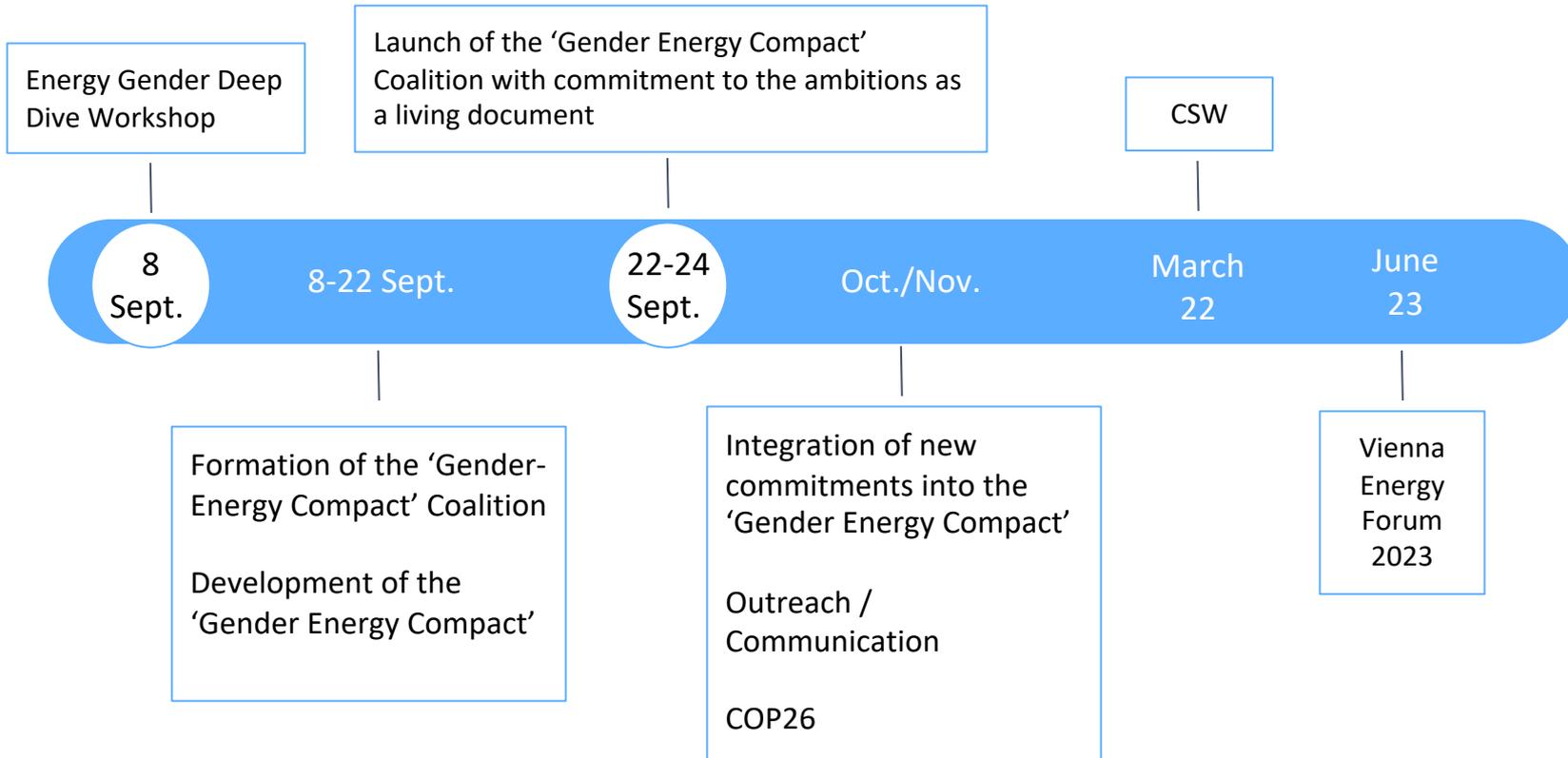
Standardized
Indicators

Joint
Commitments
& Ambitions

Individual
Commitments
& Targets



What is ahead of us?





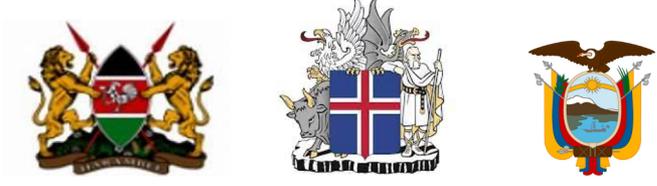
Suggested Next Steps

- **Sign up to the coalition and endorse the ambitions of the energy compact** → confirm your contribution to be member of the coalition
- **Review the energy compact** and provide comments
- Develop your own **individual commitments** (based on your timeline)
- **Outreach/ Dissemination** of the Coalition and GEEW Energy Compact
 - a. Send quotes for press releases and social media to UNIDO
 - b. Send your logos to include in outreach material to UNIDO
 - c. Contribution to co-host and participate in related workshops and events



Coalition: Current Partners / Stakeholders

Global Leaders



Leading Organisations



Partner Organizations and Supporters



SHINE
INVESTING IN ENERGY
ACCESS FOR ALL





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