

# ENERGY COMPACT



**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

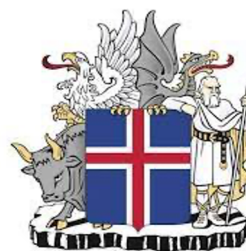
2-3:30 pm CEST

# Agenda

- 1 **Welcome remarks**
- 2 **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**
- 7 **Closing**



# Welcome remarks by Ecuador, Iceland, Nepal and Kenya





**United  
Nations**



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

# High Level Dialogue on Energy

## Energy Compacts





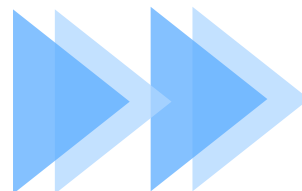
# High-level Dialogue on Energy: Outcomes



**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



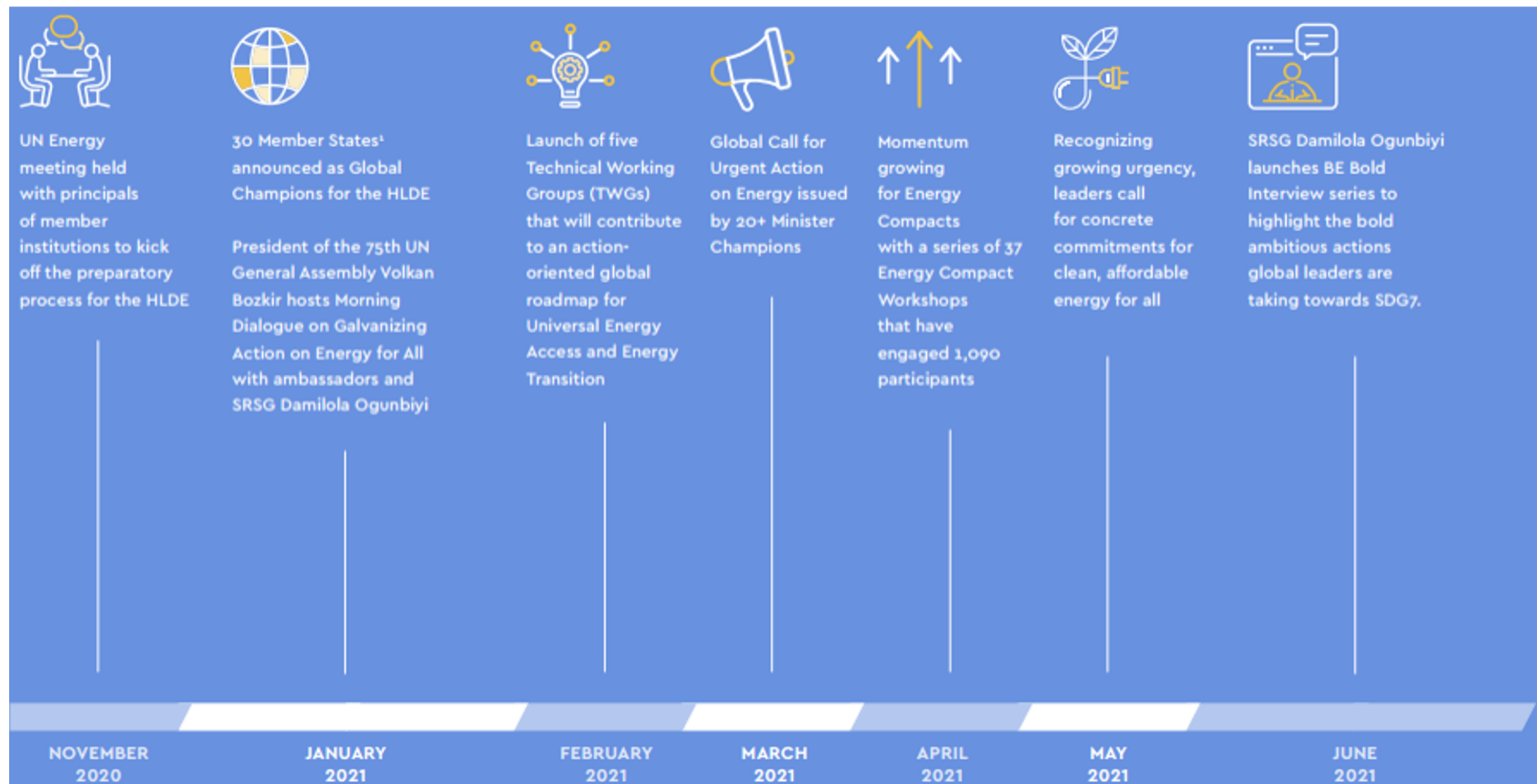
2050

# HLDE Champions and Leads

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

- 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 (5.8 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\*

	<b>MEMBER STATE</b>	<ul style="list-style-type: none"><li>• Declares a moratorium on unabated coal-fired generation by XX</li><li>• Commits to expanding access to improved energy cooking services to XX% of the population by XX</li></ul>
	<b>LOCAL GOVERNMENT</b>	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
	<b>BUSINESS</b>	<ul style="list-style-type: none"><li>• Commits to (%) renewable energy share in total final energy consumption by XX</li><li>• Commits to expanding access to affordable, reliable, and modern energy to XX% of population by XX</li></ul>
	<b>Civil Society Organizations</b>	Commits to leading or supporting efforts to enhance data transparency and capacity building for data collection to monitor progress on SDG7
	<b>MULTI-STAKEHOLDER</b>	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

- 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



**United  
Nations**



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

**HLD Energy website:**

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

[Energy2021@un.org](mailto: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%**

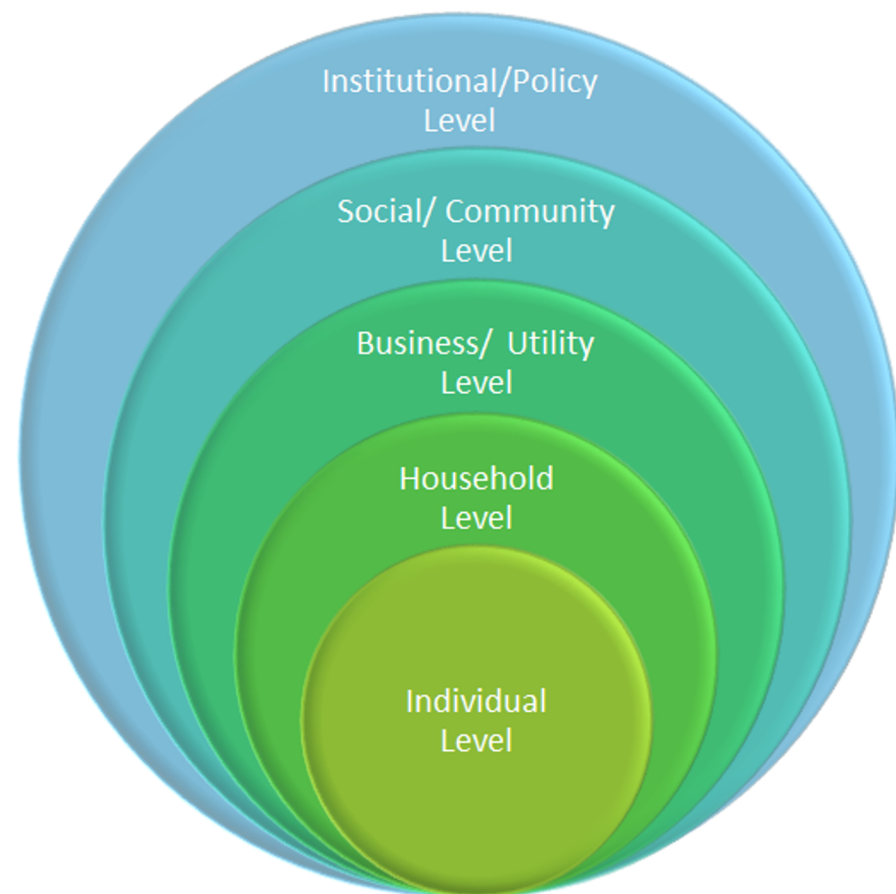
### OF THE RENEWABLE ENERGY WORKFORCE ARE FEMALE

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

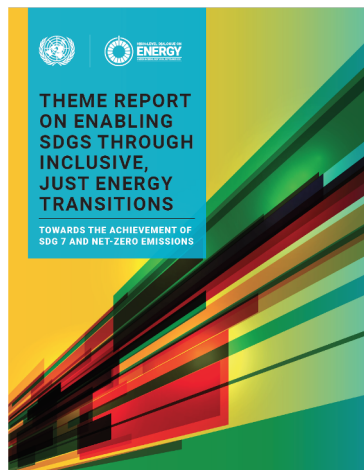
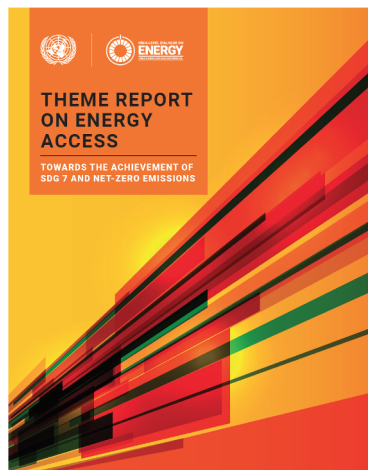
- Adopt tools, targets and metrics to track gender mainstreaming, youth engagement and equitable access, and enforce regular and transparent reporting on adopted targets and indicators, both quantitative and qualitative.



## 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

## ENERGY COMPACT

### 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

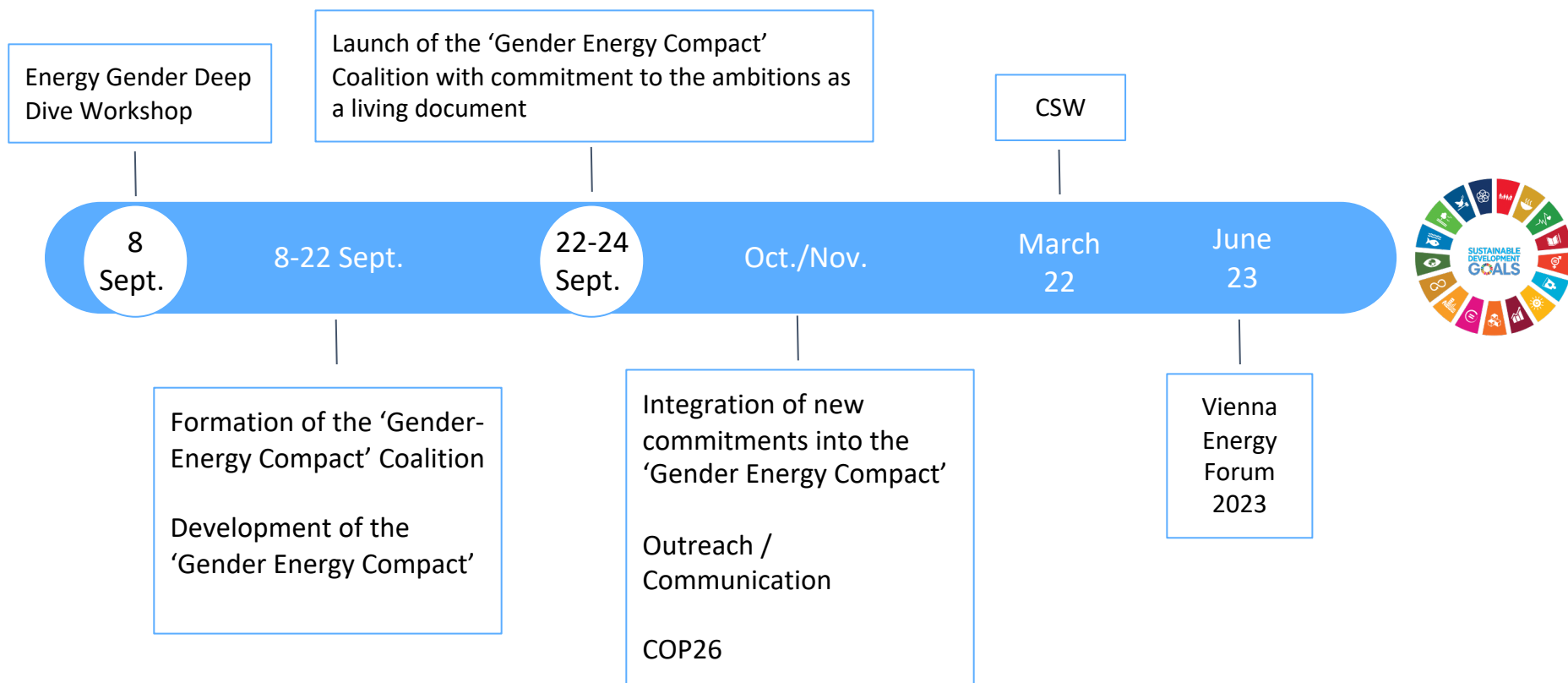
Standardized  
Indicators

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



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

**ENERGIA**  
INTERNATIONAL NETWORK ON  
GENDER & SUSTAINABLE ENERGY



**GWNET**  
Global Women's Network  
for the Energy Transition

## Coalition: Current Partners / Stakeholders

### Global Leaders



### Leading Organisations

**ENERGIA**  
INTERNATIONAL NETWORK ON  
GENDER & SUSTAINABLE ENERGY



**GWNET**  
Global Women's Network  
for the Energy Transition



### Partner Organizations and Supporters

**access**  
Alliance of Civil Society  
Organisations for  
Clean Energy Access



**CLEAN  
COOKING  
ALLIANCE**



**Energy Community**

**Hivos**  
people unlimited



International Institute for  
Applied Systems Analysis

**IRENA**  
International Renewable Energy Agency

**Practical  
ACTION**

**POWER  
FOR ALL**



**REN21**

**SAWIE**  
— A USISPF & USAID Initiative —



**SHINE**  
INVESTING IN ENERGY  
ACCESS FOR ALL



**SDG7 YOUTH  
CONSTITUENCY**  
YOUTH IN SUSTAINABLE ENERGY

**UN ENERGY**



**UN WOMEN**

**UN environment  
programme**





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