

# ENERGY COMPACT

 **EC4 ENERGY TRANSITION: Promotion of Renewable Energies**



**United  
Nations**



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



## SECTION 1: AMBITION

### 1.1. Ambitions to achieve SDG7 by 2030. [ Please select all that apply, and make sure to state the baseline of each target]

(Member States targets could be based on their NDCs, energy policies, national five-year plans etc. targets for companies/organizations could be based on their corporate strategy)

**7.2.** By 2030, increase substantially the share of renewable energy in the global energy mix.

Target(s):

**1. Approve and implement the National Policy for the Promotion of Geothermal Energy in Honduras.**

Timeframe: 2030

Context of the ambition(s):

In Honduras there are thermal manifestations above 80°C in the Atlantic coast area, so the possibility of direct use of geothermal energy is high. There are laws such as the General Law of the Electricity Industry and the Law of Promotion for the Generation of Electric Power with Renewable Resources and its reforms, which regulate the activities related to renewable energy generation in this case geothermal. Therefore, approval and implementation of the policy is important for the creation of financial mechanisms, impulses and development of research and technology, development of regulation and regulations and the socialization of geothermal energy. The total potential of the six fields for high enthalpy is between **120MW, more than 200 sites** located near transmission networks and productive areas

Target(s):

**2. incorporate sustainable generation projects from new and renewable sources of energy to the electricity market.**

Timeframe: 2030

Context of the ambition(s):

One of the main goals of the country is to diversify the electricity generation matrix, focusing efforts towards a matrix with higher rates of renewability, in which the use of national resources is encouraged, thus improving the country's energy independence index. In this sense, there are several national initiatives that seek to increase the participation of renewable resources in the electricity generation matrix, among these are: government strategic plan, country vision law and national plan, as well as the national decarbonization plan (in process). In addition to these initiatives, increasing the share of renewable resources in generation has advantages for the reduction of greenhouse gas emissions, as well as for the national fight against climate change.

Target(s):

**3. Promote an investment plan to update and expand the national interconnected system**

Timeframe: 2030

Context of the ambition(s):

It is important to make investments in the transmission system since for decarbonization purposes it is not useful to have much installed power of renewable technologies if the energy that these plants can generate cannot be transported to be used in other parts of the country to replace other technologies with high greenhouse gas emissions.

**7.3.** By 2030, double the global rate of improvement in energy efficiency.

Target(s):

**4. To guide sustainable, comprehensive, and articulated energy development at the national level, consistent with the country's initiatives and commitments in the permanent search to improve the living conditions of the Honduran population**

Timeframe: 2030

Context of the ambition(s):

Honduras is currently in the process of approving the first national energy policy that guides the efforts and resources of the planning of the national energy sector. The National Energy Policy Roadmap was built with the broad participation of public and private institutions linked to the energy

	<p>sector and the participation of civil society, academia, cooperation, among other actors. This Policy will allow the integral and sustainable development of this sector.</p> <p>Target(s):  <b>5. Develop and implement the climate change adaptation strategy for electricity generation systems, including isolated systems and micro-grids, electricity transmission and distribution and establishing an MRV system for adaptation in the country.</b></p> <p>Timeframe: 2030</p> <p>Context of the ambition(s):</p> <p>The Intergovernmental Panel on Climate Change (IPCC) confirmed in its Fifth Report (AR5) that human influence on the climate system is unequivocal and increasing, and that its impacts are observed on all continents and oceans. In this regard, Honduras suffers from the onslaught of atmospheric events that impact the country's economy by destroying its productive infrastructure. For example, the destruction caused by the passage of Hurricane Mitch (category five) in 1998 or the two hurricanes Eta and Iota (November 2020) that again destroy the infrastructure that had been rebuilding in the previous two decades. Therefore, it is necessary to create specific planification mechanisms that allow to be resilient to the energy sector, to reduce the losses caused by natural phenomena generated by climate change, to strengthen sustainability and adaptation to future disasters. It is notorious that transformations are needed for the energy transition that includes considering adaptation and mitigation measures such as being the resilience to the infrastructure, reliability in the systems and efficient use of water for electricity generation. It is necessary to consider the alignment between the actions of mitigation, adaptation and sustainable development.</p>
<p><input type="checkbox"/> <b>7.a.</b> By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.</p>	<p>Target(s):  <b>6. Promote the use of biogas and its related environmental services in the energy matrix</b></p> <p>Timeframe:2030</p> <p>Context of the ambition(s):</p> <p>Most countries have low-carbon development strategies to change traditional patterns of production and consumption. This is complemented by concerns about high dependence on oil and its derivatives. Regionally, the most important commitment was the approval of the 2020 Strategy, which established objectives and targets to reduce dependence on hydrocarbons; increase the share of renewable sources; reduce the emission of greenhouse gases and increase efficiency in the supply and demand of energy.</p>
<p><input type="checkbox"/> <b>7.b.</b> By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programs of support.</p>	<p>Target(s):  <b>7. Promote the adoption of energy storage systems and schemes</b></p> <p>Timeframe: 2030</p> <p>Context of the ambition(s):</p> <p>Honduras has been a leading country in the promotion or variable renewable energies, having a great capacity to expand these technologies, a situation that would allow promoting schemes and initiatives for a greater use of these sources. There is also potential for water repumping systems and complementation schemes with neighboring Central American countries. The fact of including storage systems provides firmness and flexibility to the electrical power system. In the long term, this situation could also be a basis for future use of hydrogen.</p> <p>Target(s):  <b>8. Promote the use of biofuels for the substitution of fossil fuels in electricity generation, land transportation and other direct applications</b></p> <p>Timeframe: 2030</p> <p>Context of the ambition(s):</p> <p>In Honduras there is great potential for biofuels. For example, the generation of biogas is derived from agricultural production, such as livestock and from crops such as coffee, activities that we find throughout the country. With inputs generated from these activities, such as manure and coffee</p>

pulp, biogas can be generated that has direct uses as substitutes for firewood and fuel oil and that can be transformed into electricity and used for the promotion of various productive activities.  
 Similarly, other agricultural activities, such as African palm, corn, and sugarcane, among others, can be used to produce biodiesel and ethanol that represent an alternative source and is compatible with fossil fuels, such as gasoline and diesel.  
 However, despite the production potential that biogas and biofuels have in the country, they are not yet produced on a large scale.

**1.2. Other ambitions in support of SDG7 by 2030 and net-zero emissions by 2050. [Please describe below e.g., coal phase out or reforming fossil fuel subsidies etc.]**

Target(s):  
 Time frame:  
 Context for the ambition(s):

**SECTION 2: ACTIONS TO ACHIEVE THE AMBITION**

**2.1. Please add at least one key action for each of the elaborated ambition(s) from section 1. [Please add rows as needed].**

<p>7.2 <i>By 2030, substantially increase the share of renewables in the global energy mix.</i></p> <p><b>1. Approve and implement the National Policy for the Promotion of Geothermal Energy in Honduras.</b></p> <ul style="list-style-type: none"> <li>• Approval of the National Policy for the Promotion of Geothermal Energy in Honduras by the National Congress of Honduras.</li> <li>• Socialization with the identified key actors of the geothermal energy sector and the population in general on the Policy.</li> <li>• Elaboration of a strategic plan for the promotion of geothermal energy in Honduras that includes strategic aspects of the creation of financial mechanisms, promotion and development of regulation and regulations, development of research and technology and socialization with key actors and the public in each part of the elaboration process.</li> </ul> <p><b>2. incorporate sustainable generation projects from new and renewable sources of energy to the electricity market.</b></p> <ul style="list-style-type: none"> <li>• Support the GTPIR of the CEAC in the update of the Regional Indicative Plan for the expansion of electricity generation.</li> <li>• Systematize the available information of the pre-selected projects in the expansion plans defined by GTPIR.</li> <li>• Review existing studies and initiatives to update the economic, technical, environmental, and social aspects of hydroelectric projects to bring them to their financing phase.</li> <li>• Identify project portfolio and financing needs.</li> </ul> <p>Water source:</p> <ul style="list-style-type: none"> <li>• Select, from the inventory of projects prepared by the IDB, a list of those that are in the mature stage of preparation, and in a joint action of the international financing organizations, conclude the analyses and technical studies to finalize the necessary documentation to take them to the financing stage.</li> <li>• Strengthen the SEN in its capacity to dialogue with civil society key players affected by power plant projects, in particular hydroelectric plants, through the generation of case studies of success and failure.</li> <li>• Train SEN's staff and other national bodies involved in the implementation of participatory processes of civil society, particularly the affected actors, in the preparation of studies, designs, construction and operation of energy projects.</li> </ul> <p>Geothermal energy:</p> <ul style="list-style-type: none"> <li>• Perform necessary studies to promote the development of economic, socially, and environmentally responsible geothermal projects.</li> <li>• Analyze the necessary components to identify solutions to the current barriers for the exploitation and design of implementation schemes of geothermal projects.</li> </ul>	<p><i>Octubre 2021-diciembre 2027</i></p>
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<ul style="list-style-type: none"> <li>Identify alternatives for financing the stages of prospecting and geothermal exploration.</li> </ul> <p>Wind and solar:</p> <ul style="list-style-type: none"> <li>Complete and update maps of the region's wind and solar potential.</li> <li>Develop the portfolio of wind and solar projects.</li> </ul> <p><b>3. Promote an investment plan to update and expand the national interconnected system</b></p> <ul style="list-style-type: none"> <li>Develop an Agenda with key actors in the energy and financial sector.</li> <li>Encourage the creation of a working group on climate and sustainable finance for the energy sector that includes the private and public sectors.</li> <li>Identify investment projects with cost analysis.</li> <li>Develop and implement a roadmap for the investment plan and create a financing strategy for the public and private sector.</li> <li>Development of workshops to create the Workgroups and build the roadmap.</li> <li>Strategic planning of the Subsector, considering the strengthening of the transmission network.</li> </ul>		
<p>7.3 <i>By 2030, double the global rate of improvement in energy efficiency.</i></p> <p><b>4. To guide sustainable, comprehensive, and articulated energy development at the national level, consistent with the country's initiatives and commitments in the permanent search to improve the living conditions of the Honduran population</b></p> <p><b>Develop energy planning coordinated and linked to national and international commitments:</b></p> <ul style="list-style-type: none"> <li>Develop a multiannual Energy Agenda every four years.</li> <li>Define indicators to measure the fulfillment of the commitments of the PEG in the Energy Agenda consistent with PEN2050.</li> <li>Follow up on the fulfillment of the commitments acquired for the Energy Sector in the Central American Integration System (SICA).</li> <li>Actively participate in the National Energy Council of SICA and its subsectoral committees related to the Energy Sector.</li> <li>Participate in the updates of regional strategies for the energy sector and assist in the proper development and integration of the country in the energy markets at the regional level.</li> <li>Integrate into the updates of energy prospects the commitments acquired in the context of the Central American Integration System.</li> <li>Strengthen human capital in the Energy Sector through the search for regional knowledge transfer.</li> <li>Integrate the actions of the EESCA action plan into the planning and development of PEN2050</li> <li>Follow up on the commitments made in the global agenda of sustainable development for the Energy Sector.</li> <li>Participate in the updates of the country commitments of the global sustainable development agenda and ensure the adequate contribution of the Sector to national commitments.</li> <li>Integrate into sectoral and subsectoral energy policies, updates of energy sectors the commitments of the global sustainable development agenda.</li> <li>Strengthen human capital in the Energy Sector through the search for knowledge transfer for the integration of the commitments acquired in the global agenda of sustainable development.</li> </ul> <p><b>Develop the Coordinated National Energy Sector Plan (2025):</b></p> <ul style="list-style-type: none"> <li>Develop an interinstitutional committee to establish planning actions among all institutions directly linked to the energy sector.</li> <li>To draw up operating regulations and work plan for the inter-institutional committee.</li> <li>Acquire energy planning tools and update the long-term energy foresight instrument.</li> <li>Hire a consultancy to develop the first PNCE document in a participatory manner, including the financial impact analysis of this plan.</li> <li>Socialize, test and implement the final document of the PNCE.</li> <li>Promote the PNCE through educational campaigns, spots, platform that systematize the objectives and actions of the plan by theme, among others.</li> <li>Establish the monitoring, follow-up and accountability mechanisms of the PNCE.</li> <li>Develop processes of continuous human capital strengthening for the development of energy planning instruments.</li> <li>Update the PNCE every five years.</li> <li>Elaborate an annual report on monitoring, follow-up and accountability of the actions of the PNCE.</li> <li>Update PEN2050 every five years.</li> <li>Perform annual monitoring, follow-up and accountability report on the actions of PEN2050.</li> </ul> <p><b>Incorporate climate change management into energy planning:</b></p> <ul style="list-style-type: none"> <li>Develop a strategy to increase the ambition of the NDC for the energy sector.</li> </ul>	<p><i>Octubre 2021- diciembre 2025</i></p>	

<ul style="list-style-type: none"> <li>• Support the construction of planning instruments, incorporating the perspective of climate change as a transverse element in the planning of the energy sector.</li> <li>• Support the construction of planning instruments, mainstreaming elements of the 2030 Agenda in energy planning, both SDG 7 and the other SDGs that the energy sector enables.</li> <li>• Guide the implementation of energy planning to verify compliance with mitigation goals.</li> <li>• Implement MRV system to ensure compliance with previously defined climate change targets.</li> <li>• Actively participate in the elaboration of the National Decarbonization Plan on behalf of the Energy Sector.</li> <li>• Review, discuss and socialize energy-related goals in the national decarbonization plan.</li> <li>• Adopt the energy targets considered in the national decarbonization plan in the national energy planning and develop an action and financial plan to achieve the objectives.</li> <li>• Promote actions for the adoption of green hydrogen in the consumer sectors in the country.</li> <li>• Develop a green hydrogen adoption plan.</li> </ul> <p><b>5. Develop and implement the climate change adaptation strategy for electricity generation systems, including isolated systems and micro-grids, electricity transmission and distribution and established an MRV system for adaptation in the country</b></p> <ul style="list-style-type: none"> <li>• Develop a mapping of vulnerabilities of the energy sector to the damages caused by extreme weather events.</li> <li>• Develop an action plan to increase the resilience of energy infrastructure caused by extreme weather events.</li> <li>• Creation of norms and standards for adaptation to climate change in energy projects.</li> <li>• Development of workshops to socialize the norms and standards for adaptation to climate change.</li> <li>• Develop a strategy for climate finance for the mitigation and adaptation of the energy sector to climate change.</li> <li>• Manage and implement the climate finance strategy for the mitigation and adaptation of the energy sector to climate change.</li> <li>• Build in an articulated way the monitoring, reporting and verification system for the various activities related to climate change in the energy sector.</li> <li>• Taking into consideration that the provision of basic services is an adaptation measure for vulnerable populations, it is proposed to install projects that take into account the new climate projections.</li> <li>• Promote trainings that can define how access to energy contributes to resilience in climate change adaptation.</li> <li>• Promote the increase in the number of installations of weather stations.</li> <li>• Promote the creation of a meteorological or climatic information system.</li> <li>• Promote training for understanding in the use of meteorological and climate information for energy production.</li> <li>• Generate capacities so that based on information systems, the country can generate data for the different energy zones of Honduras.</li> </ul>		
<p><i>7.a. By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency, and advanced and cleaner fossil fuel technology, and promote investment in energy infrastructure and clean energy technology.</i></p> <p><b>6. Promote the use of biogas and its related environmental services in the energy matrix</b></p> <ul style="list-style-type: none"> <li>• Promotion and awareness of the Use of Biogas through awareness work in which producers will be exposed to the benefits of this technology from the productive and economic point of view.</li> <li>• Design and implement a support project for (selected) companies and organizations that can supply biogas and organic fertilizer products and services.</li> <li>• Create more appropriate financing mechanisms to promote market development and expansion, incentives for early adopters of biogas systems, and end-user credit.</li> <li>• Technical, social and economic assistance will be provided to optimize the economic and social benefits of biogas for end-users.</li> <li>• Disseminate the knowledge and learning generated in the national biogas program.</li> <li>• Conducting a study on the production of biogas in landfills and how it can be implemented in the country.</li> <li>• Implement a pilot project with biogas production through a landfill.</li> </ul>	<p><i>Octubre 2021- diciembre 2025</i></p>	
<p><i>7.b. By 2030, expand infrastructure and improve technology for the provision of modern and sustainable energy services for all in developing countries, in particular the least developed countries, small island developing States and landlocked developing countries, in accordance with their respective support programs.</i></p>	<p><i>Octubre 2021- diciembre 2025</i></p>	

<p><b>7. Promote the adoption of energy storage systems and schemes</b></p> <ul style="list-style-type: none"> <li>• Develop large-scale SAE pilot project</li> <li>• Elaboration of TDR's for study</li> <li>• Preparation of the study for the pilot project</li> <li>• Disseminate the knowledge and learning generated</li> <li>• Develop a strategy to incorporate energy storage systems for electricity generation sources, for thermal and chemical uses.</li> <li>• Promoting energy storage systems for thermal and chemical uses</li> <li>• Elaboration of the regulatory framework that enables the adoption of energy storage systems.</li> </ul> <p><b>8. Promote the use of biofuels for the substitution of fossil fuels in electricity generation, land transportation and other direct applications</b></p> <ul style="list-style-type: none"> <li>• Identify potential energy resources for use in biofuels and/or blends.</li> <li>• Identify the consumer sectors (commercial, industrial) in which it is feasible to implement biofuels as energy sources.</li> <li>• Establish a strategy for the penetration of biofuels as an alternative from clean sources in the country.</li> <li>• Perform Market research studies of agro-energy products.</li> <li>• Comprehensive policy for the promotion and incentive of biofuel production in the country</li> <li>• Strengthen through a law regulation that promote the adoption of biofuel mixtures (biodiesel, bioethanol, etc.), and that contains the development of standards of mixture content and quality controls.</li> </ul>		
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### SECTION 3: OUTCOMES

3.1. Please add at least one measurable and time-based outcome for **each** of the actions from section 2. *[Please add rows as needed].*

<b>Outcome 1</b> National Policy for the Promotion of Geothermal Energy.	December 2023
<b>Outcome 2.1</b> Specific financing needs identified for the design and preparation stages of the project portfolio. <b>Outcome 2.2</b> New sustainable generation projects from new and renewable sources of energy implemented.	December 2025
<b>Outcome 3.1</b> Climate and sustainable finance working group for the energy sector created. <b>Outcome 3.2</b> Developed the roadmap for the investment plan and creation of a financing strategy for the public and private sector.	December 2025
<b>Outcome 4.1</b> Energy planning developed in coordination and linkage with national and international commitments. <b>Outcome 4.2</b> Coordinated national plan for the energy sector. <b>Outcome 4.3</b> Green hydrogen adoption plan developed.	December 2025
<b>Outcome 5.1</b> Developed action plan to increase the resilience of energy infrastructure caused by extreme weather events. <b>Outcome 5.2</b> Climate finance strategy for the mitigation and adaptation of the energy sector to climate change. <b>Outcome 5.3</b> Meteorological information system developed.	December 2025
<b>Outcome 6.1</b> Pilot project on biogas production in landfills.	December 2025
<b>Outcome 7.1</b> Large-scale SAE pilot project.	December 2025
<b>Outcome 8.1</b> Regulatory law that promotes the adoption of biofuel mixtures (biodiesel, bioethanol, etc.), and that contains the development of standards of mixture contents and quality controls.	December 2025

## SECTION 4: REQUIRED RESOURCES AND SUPPORT

4.1. Please specify required finance and investments for each of the actions in section 2.

Activity	Input	Value
Socialization with the identified key players of the geothermal energy sector and the population in general on the Policy.	<ul style="list-style-type: none"> <li>Event Organization</li> <li>Food &amp; Beverages</li> </ul>	US\$4,000.00
Implementation of the activities described in the National Policy for the Promotion of Geothermal Energy in Honduras.	<ul style="list-style-type: none"> <li>Staff Fees</li> <li>Food &amp; Beverages</li> </ul>	US\$10,000.00
Incorporate sustainable generation projects from new and renewable energy sources into the electricity market.	<ul style="list-style-type: none"> <li>Consultancy to update the Regional Indicative Plan for the expansion of electricity generation.</li> <li>Systematization of information</li> <li>Identify project portfolio and financing needs.</li> </ul>	US\$ 100,000.00
	<ul style="list-style-type: none"> <li>Consultancy for the generation of case studies of success and failure.</li> <li>Socialization of case studies.</li> <li>Training.</li> <li>Logistics</li> </ul>	US\$ 20,000.00
	<ul style="list-style-type: none"> <li>Consultancy for studies that help promote the development of socially and environmentally responsible economic geothermal projects.</li> </ul>	US\$ 10,000.00
Incorporating climate change management into energy planning.	<ul style="list-style-type: none"> <li>Meetings to define strategies</li> <li>Meetings for national decarbonization plan</li> <li>Consultancy for green hydrogen adoption plan</li> </ul>	US\$40,000.00
Develop and implement the climate change adaptation strategy for electricity generation systems, including isolated systems and micro-grids, electricity transmission and distribution and establishing an MRV system for adaptation in the country.	<ul style="list-style-type: none"> <li>Mapping vulnerabilities in the energy sector</li> <li>Action plan to increase the resilience of energy infrastructure</li> <li>Workshops</li> <li>Consultancy for climate finance strategy for the mitigation and adaptation of the energy sector to climate change</li> <li>Monitoring actions</li> <li>Creation of weather stations</li> <li>Creation of meteorological information system</li> </ul>	US\$40,000.00
Promote the use of biogas and its related environmental services in the energy matrix.	<ul style="list-style-type: none"> <li>Workshops</li> <li>Development of supply projects</li> <li>Experience Exchange or benchmark meetings</li> <li>Consultancy for study on the production of biogas in landfills and how it can be implemented in the country</li> <li>Pilot project with biogas production through a landfill</li> </ul>	US\$40,000.00
Promote the adoption of energy storage systems and schemes.	<ul style="list-style-type: none"> <li>Large-scale SAE pilot project</li> <li>Realization of TDR's for study</li> <li>Preparation of the study of the pilot project</li> <li>Disseminate the knowledge and learning generated</li> <li>Develop a strategy to incorporate energy storage systems for electricity generation sources, for thermal and chemical uses.</li> <li>Promoting energy storage systems for thermal and chemical uses</li> <li>Elaboration of the regulatory framework</li> </ul>	US\$40,000.00
Promote the use of biofuels for the substitution of fossil fuels in electricity generation, land transportation and other direct applications.	<ul style="list-style-type: none"> <li>Conduct market research on agro-energy products</li> <li>Consultancy for studies in the area</li> <li>Consultancy for the creation of regulations in the sector</li> </ul>	US\$ 20,000.00
<b>TOTAL</b>		<b>US\$ 324,000.00</b>

4.2. [For countries only] In case support is required for the actions in section 2, please select from below and describe the required support and specify for which action.

*[Examples of support for Member States could include: Access to low-cost affordable debt through strategic de-risking instruments, capacity building in data collection; development of integrated energy plans and energy transition pathways; technical assistance, etc.]*

<input type="checkbox"/> Financing	
<input type="checkbox"/> In-Kind contribution	<i>Technical capacities of the Secretariat in the Office of Energy.</i>
<input type="checkbox"/> Technical Support	<i>Independent and technical consultants for the delivery of workshops, Contracting of Consultancy for studies and regulations of Law.</i>
<input type="checkbox"/> Other/Please specify	<i>Non-reimbursable cooperation funds are required in the amount \$ 324,000.00 (three hundred and twenty-four thousand dollars.)</i>

## SECTION 5: IMPACT

5.1. Countries planned for implementation including number of people potentially impacted.

The activities for the development and fulfillment of the objectives are aimed at the population of Honduras in general.

5.2. Alignment with the 2030 Agenda for Sustainable Development – Please describe how **each** of the actions from section 2 impact advancing the SDGs by 2030.

*[up to 500 words, please upload supporting strategy documents as needed]*

Through the National Policy for the Promotion of Geothermal Energy, the Adoption of renewable and efficient technologies in the country is promoted. The generation of affordable, sustainable, and non-polluting energy, which helps to encourage the public and private sector to invest in clean energy to increase the generation of electricity and helps reduce the poverty rate in the country. Likewise, all the actions proposed for an energy transition to renewable sources such as; small hydroelectric plants, studies to identify potential regions for renewable energy projects, expansion of energy distribution and transmission networks, etc.; are attached to SDG 3 for promoting a just and adequate energy transition towards the sustainable management of renewable energies, accessible and affordable for the Honduran population, which stimulates economic growth, improving productivity, in harmony with the conservation of natural resources, ensuring the implementation of mechanisms, infrastructure, technological models, policies that promote low-carbon measures and actions for the development of the country's energy sector.

Regarding the promotion of studies and pilot projects with biogas, as well as the promotion of biofuels, they adhere to THE OBJ4: To ensure and promote the affordable, safe, modern and sustainable generation of alternative fuels (biofuels, biofuels, biogas) to the Honduran population, with special attention to rural communities and territories without opportunities for access to energy, to improve productivity, employment generation, improvement of the quality of life of the population, efficient use of resources, sustainable environmental management, biotechnological development and development and social inclusion.

5.3. Alignment with Paris Agreement and net-zero by 2050 - Please describe how **each** of the actions from section 2 align with the Paris Agreement and national NDCs (if applicable) and support the net-zero emissions by 2050.

*[up to 500 words, please upload supporting strategy documents as needed]*

The actions are aligned with objectives 3, 5 and 8 of the NDC document of Honduras since they are aimed at promoting a just and adequate energy transition towards the sustainable management of renewable energies, accessible and affordable stimulate economic growth, ensuring the implementation of mechanisms, infrastructure, technological models, and policies that promote low-carbon measures and actions for the development of the country's energy sector. Under the climate action of SDG13, mitigation and adaptation are combined with the different activities. Additionally, it contributes to the Paris Agreement in terms of integrating financial flows at a level compatible with a trajectory that leads to climate-resilient development with low greenhouse gas emissions, through the implementation of these new energy sources.

## SECTION 6: MONITORING AND REPORTING

6.1. Please describe how you intend to track the progress of the proposed outcomes in section 3. Please also describe if you intend to use other existing reporting frameworks to track progress on the proposed outcomes.

- Monitoring 1.** The Secretariat of State in the Office of Energy (SEN) is the institution in charge of ensuring compliance and implementation of the National Policy for the Promotion of Geothermal Energy.
- Monitoring 2.** Annual reports on the implementation of new renewable energy projects.
- Monitoring 3.** Monthly monitoring of state electricity transmission and distribution systems.
- Monitoring 4.** Climate and sustainable finance working group for the energy sector created.
- Monitoring 5.** RoadMap for the investment plan and creation of a financing strategy for the public and private sector.
- Monitoring 6.** Reports on compliance with the National Plan coordinated with the energy sector.
- Monitoring 7.** Study on green hydrogen adoption plan
- Monitoring 8.** Socialization of the Action Plan to increase the resilience of energy infrastructure caused by extreme weather events.
- Monitoring 9.** Monitoring of the meteorological information system.
- Monitoring 10.** Biogas pilot project report.
- Monitoring 11.** Report of the large-scale SAE pilot project.
- Monitoring 12.** Regulations that promote the adoption of biofuel blends.

## SECTION 7: GUIDING PRINCIPLES CHECKLIST

Please use the checklist below to validate that the proposed Energy Compact is aligned with the guiding principles.

**I. 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

*I. 1. Does the Energy Compact strengthen and/or add a target, commitment, policy, action related to SDG7 and its linkages to the other SDGs that results in a higher cumulative impact compared to existing frameworks?*

Yes No

*I.2. Does the Energy Compact increase the geographical and/or sectoral coverage of SDG7 related efforts?* Yes No

*I.3. Does the Energy Compact consider inclusion of key priority issues towards achieving SDG7 by 2030 and the net-zero emission goal of the Paris Agreement by 2050 - as defined by latest global analysis and data including the outcome of the Technical Working Groups?* Yes No

**II. 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.

*II.1. Has the Energy Compact considered enabling actions of SDG7 to reach the other sustainable development goals by 2030?* Yes No

*II.2. Does the Energy Compact align with national, sectoral, and/or sub-national sustainable development strategies/plans, including SDG implementation plans/roadmaps?* Yes No

*II.3. Has the Energy Compact considered a timeframe in line with the Decade of Action?* Yes No

**III. Alignment with Paris Agreement and net-zero by 2050** - Ensure coherence and alignment with the Nationally Determined Contributions, long term net zero emission strategies.

*III.1. Has the Energy Compact considered a timeframe in line with the net-zero goal of the Paris Agreement by 2050?* Yes No

*III.2. Has the Energy Compact considered energy-related targets and information in the updated/enhanced NDCs?* Yes No

*III.3. Has the Energy Compact considered alignment with reaching the net-zero emissions goal set by many countries by 2050?* Yes No

**IV. Leaving no one behind, strengthening inclusion, interlinkages, and synergies** - Enabling the achievement of SDGs and just transition by reflecting interlinkages with other SDGs.

*IV.1. Does the Energy Compact include socio-economic impacts of measures being considered?* Yes No

*IV.2. Does the Energy Compact identify steps towards an inclusive, just energy transition?* Yes No

*IV.3. Does the Energy Compact consider measures that address the needs of the most vulnerable groups (e.g. those impacted the most by energy transitions, lack of energy access)?* Yes No

**V. 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.

*V.1. Is the information included in the Energy Compact based on updated quality data and sectoral assessments, with clear and transparent methodologies related to the proposed measures?* Yes No

*V.2. Has the Energy Compact considered inclusion of a set of SMART (specific, measurable, achievable, resource-based and time based) objectives?* Yes No

V.3. Has the Energy Compact considered issues related to means of implementation to ensure feasibility of measures proposed (e.g. cost and financing strategy, technical assistant needs and partnerships, policy and regulatory gaps, data and technology)?  Yes  No

## SECTION 8: ENERGY COMPACT GENERAL INFORMATION

8.1. Title/name of the Energy Compact

Promotion of Renewable Energies

8.2. Lead entity name (for joint Energy Compacts please list all parties and include, in parenthesis, its entity type, using entity type from below)

- Government: The Secretariat in the Office of Energy and Natural Resources (MiAmbiente), Secretariat of Development and Social Inclusion – SEDIS, Secretariat of Economic Development, Secretariat of State in the Offices of Community Development, Water and Sanitation (SEDECOAS), Presidential Office of Climate Change Climate Plus (Climate +), CREE- Regulatory Commission of Electric Energy, ENEE - National Electric Energy Company, Ministry of Foreign Affairs and International Cooperation (Foreign Ministry), Secretariat of Human Rights, Secretariat of Development and Social Inclusion, among others.
- Local government: Municipalities, AMHON - Association of Municipalities of Honduras, among others.
- Private Sector: Association of Distributed Renewable Energy Suppliers of Honduras (APRODERDH), Sustainable Development Network – Honduras (RDS), Honduran Bank for Production and Housing (BANHPROVI), Specialized National Advisors for Development (ANED Consultores), Bonaco Electric Company, Industrial Equipment, Grupo Terra Foundation, Honduran Institute of Rural Development, Mosquitia Electrical Investments, United Energies Group, Roatan Electric Company, Utila Power Company, among others.
- Academic Institution: National Autonomous University of Honduras (UNAH), among others.
- Civil Society: Sustenta Honduras, Asociación para el Desarrollo Integral Comunitario de Honduras, Asociación de Desarrollo Socio Económico Indígena, Fundación Hondureña Investigación Agrícola, Fundación Ayuda en Acción, among others.
- Multilateral Organization / Cooperation: Economic Commission for Latin America and the Caribbean (ECLAC), Regional Energy Integration Commission (CIER), CABEL - Central American Bank for Economic Integration, Government of Japan, Spanish Cooperation Agency, Japan International Cooperation Agency – JICA, Central American Integration System, among others.

8.3. Lead entity type

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Government               | <input type="checkbox"/> Local/Regional Government        | <input type="checkbox"/> Multilateral body /Intergovernmental Organization |
| <input type="checkbox"/> Non-Governmental Organization (NGO) | <input type="checkbox"/> Civil Society organization/Youth | <input type="checkbox"/> Academic Institution /Scientific Community        |
| <input type="checkbox"/> Private Sector                      | <input type="checkbox"/> Philanthropic Organization       | <input type="checkbox"/> Other relevant actor                              |

8.4. Contact Information

Secretariat of State in the Office of Energy (SEN). External Cooperation Address Mail: [dce@sen.hn](mailto:dce@sen.hn)

8.5. Please select the geographical coverage of the Energy Compact

- Africa  Asia and Pacific  Europe  Latin America and Caribbean  North America  West Asia  Global

8.6. Please select the Energy Compact thematic focus area(s)

Energy Access  Energy Transition  Enabling SDGs through inclusive just Energy Transitions  Innovation, Technology and Data  Finance and Investment.

**SECTION 9: ADDITIONAL INFORMATION (IF REQUIRED)**

Please provide additional website link(s) on your Energy Compact, which may contain relevant key documents, photos, short video clips etc.