



SDG7 Energy Compact of Japan

A next Decade Action Agenda to advance SDG7 on sustainable energy for all, in line with the goals of the Paris Agreement on Climate Change

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)

<input checked="" type="checkbox"/> 7.1. By 2030, ensure universal access to affordable, reliable and modern energy services.	Target(s): Developing capacity building and investment of network utilities in developing nations Time frame: by 2030 Context for the ambition(s): In order to increase accessibility and ensure affordability and reliability of electricity supply service, it is important to strengthen network utilities' technical and financial capabilities to expand and maintain their network facilities in a sustainable manner.
<input checked="" type="checkbox"/> 7.2. By 2030, increase substantially the share of renewable energy in the global energy mix.	Target(s): Increasing percentages of renewable in the electricity generation mix, Time frame: by 2030 and thereafter to achieve carbon neutrality by 2050 Context for the ambition(s): Renewable energy in the domestic energy mix ought to increase in order for Japan to achieve carbon neutral target by 2050.
<input checked="" type="checkbox"/> 7.3. By 2030, double the global rate of improvement in energy efficiency.	Target(s): Promoting energy efficiency in developing nations Time frame: by 2030 Context for the ambition(s): In order to support developing countries' energy transitions to the carbon neutrality, it is important to promote efficient use of energy as much as possible. Saved energy can be used for enhancing accessibility and reliability.
<input type="checkbox"/> 7.a. By 2030, enhance international cooperation to	Target(s): Time frame: by 2030

<p>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>Context for the ambition(s):</p>
<p><input type="checkbox"/> 7.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): Time frame: Context for the ambition(s):</p>

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): Establishment of stable and resilient clean energy value chain based on decarbonized fuel technologies, including nuclear, hydrogen and ammonia and CCUS
Time frame: 2030 and beyond
Context for the ambition(s): As energy security is the foundation of the sound society, it is important that energy supply must not be interrupted. To accelerate deployments of clean fuels, countries must sign up to the new energy source and in doing so, reliable supply chain ought to be in place.

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].*

<i>Description of action (please specify for which ambition from Section 1)</i> For the ambition 7.1, capacity building programs are provided to network utility companies in developing nations.	<i>Start and end date</i> ongoing
<i>Description of action (please specify for which ambition from Section 1)</i> For the ambition 7.2, to provide technical and financial assistance as well as to promote more favorable legal framework to enhance and accelerate deployment of renewable energy source.	<i>Start and end date</i> ongoing
<i>Description of action (please specify for which ambition from Section 1)</i> For the ambition 7.3, technical and financial assistance for developing energy efficiency program are provided to relevant public/private parties in developing nations.	<i>Start and end date</i> ongoing
<i>Description of action (please specify for which ambition from Section 1)</i> For the ambition in 1.2, to provide technical and financial assistance as well as to promote more favorable legal framework to enhance and accelerate deployment of renewable energy source.	<i>Start and end date</i> ongoing

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].*

<i>Outcome</i> <Ambition 7.1> The number of utilities and countries that are working on to improve their technical and financial capabilities.	<i>Date</i> by the end of 2030
<i>Outcome</i> <Ambition 7.2> Increased percentages of the renewable energy in the domestic electricity generation mix.	<i>Date</i> by the end of 2030
<i>Outcome</i> <Ambition 7.3> The number of countries that are working on developing/strengthening their energy efficiency programs.	<i>Date</i> by the end of 2030
<i>Outcome</i> <Ambition in 1.2> Increased use of hydrogen and ammonia, and CCUS in the domestic electricity generation mix.	<i>Date</i> by the end of 2030

SECTION 4: REQUIRED RESOURCES AND SUPPORT

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

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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	<i>Description</i>
<input type="checkbox"/> In-Kind contribution	<i>Description</i>
<input type="checkbox"/> Technical Support	<i>Description</i>
<input type="checkbox"/> Other/Please specify	<i>Description</i>

SECTION 5: IMPACT

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

Japan and developing countries such as Angola, Bangladesh, India, Mongolia, Nigeria, Papua New Guinea, Uzbekistan.

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]

Capacity building programs and investments are provided to network utility companies in developing nations to accelerate universal access to affordable, reliable and modern energy services.

Achieve access to clean energy by increasing renewable energy and building a resilient supply chain of decarbonized fuels, such as hydrogen and ammonia, as soon as possible.

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 technical and financial assistance for developing energy efficiency program in developing nations accelerate the global rate of improvement in energy efficiency.

Higher percentages of renewable energy in the mix and use of hydrogen and ammonia, and CCUS will lead the way for achieving carbon neutrality by 2050.

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.

We will send a simple report every few years.

SECTION 7: GUIDING PRINCIPLES CHECK LIST

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 defied 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

Japan's efforts to achieve SDG7

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)

Ministry of Foreign Affairs of Japan

8.3. Lead entity type

Government

Local/Regional Government

Multilateral body /Intergovernmental Organization

Non-Governmental Organization (NGO)

Civil Society organization/Youth

Academic Institution /Scientific Community

Private Sector

Philanthropic Organization

Other relevant actor

8.4. Contact Information

Resource Security Division, Economic Affairs Bureau, Ministry of Foreign Affairs of Japan
Telephone: +81-3-5501-8000 (ext.2546) , +81-3-5501-8339

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.