



## SDG7 Energy Compact of the Renewable Energy University League 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 type="checkbox"/> <b>7.1.</b> By 2030, ensure universal access to affordable, reliable and modern energy services.	Target(s): Time frame: Context for the ambition(s):
<input checked="" type="checkbox"/> <b>7.2.</b> By 2030, increase substantially the share of renewable energy in the global energy mix.	Target(s): <b>Achieving 100% renewable energy powered universities participating in the league.</b> Time frame: Towards 2030 Context for the ambition(s): Accelerating the global energy transition is central to advancing the Sustainable Development Goals and addressing the climate crisis. With the share of renewables at 18.5%, however, Japan lags far behind many countries. The Renewable Energy University League of Japan intends to lead by example by bringing together a network of like-minded universities committed to realizing 100% renewable energy-based energy supplies over the coming years.
<input type="checkbox"/> <b>7.3.</b> By 2030, double the global rate of improvement in energy efficiency.	Target(s): Time frame: Context for the ambition(s):
<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.	Target(s): Time frame: Context for the ambition(s):
<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.	Target(s): Time frame: Context for the ambition(s):

**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><i>Description of action (please specify for which ambition from Section 1)</i></p> <ol style="list-style-type: none"> <li>1. <b>RE100 University Declaration:</b> Each participating university announces its intension of becoming an RE100 University with 100% renewable energy in terms of electricity, by producing or procuring renewable electricity based on a self-determined time frame before 2030 or 2040 at the latest.</li> <li>2. <b>Establishing a plan of action:</b> Each participating university establishes its own plan of action with a set of time-bound milestones towards the RE100 goal. It will start with electricity with the intension of gradually converting all energy supplies, including heating and transportation, to renewable energy.</li> <li>3. <b>Sharing experiences:</b> Participating universities intend to share their experiences within and outside the league, to help grow movement towards RE100 in Japan and beyond.</li> <li>4. <b>Expand the Renewable Energy University League of Japan:</b> The League is expected to grow its membership over the coming years. The founding members of the League are: Chiba University of Commerce, International Christian University, Wayo Women's University, University of the Sacred Heart, Tokyo University of Foreign Studies, University of Nagano, Sophia University, Hiroshima University, and Tokyo Medical and Dental University. Then, the additional members until September 2021 are: Tokyo Metropolitan University, Ashikaga University, Tokyo City University and Ritsumeikan University.</li> </ol>	<p><i>Start and end date</i></p> <p><i>RE100 to be achieved by 2030, or no later than 2040, based on a timetable that is set by each university.</i></p>
<p><i>Description of action (please specify for which ambition from Section 1)</i></p>	<p><i>Start and end date</i></p>
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<p><i>Description of action (please specify for which ambition from Section 1)</i></p>	<p><i>Start and end date</i></p>

### 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>	<i>Date</i>
i. <b>All electricity supplies are sourced from renewable energy</b> (through generation or procurements) at the participating universities (e.g. The Chiba University of Commerce, a member of the League, has become the first university in Japan to have achieved RE100 in 2019, generating 3,690 MWh/year i.e. 101% of its electricity needs).	By 2030 or 2040 (per the set timetable by each participating university)
ii. <b>All energy supplies (such as heating, cooling and transportation) are sources from renewable energy</b> (through generation or procurements) at the participating universities	According to the set timetable by each <i>participating university</i>

### SECTION 4: REQUIRED RESOURCES AND SUPPORT

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

The finance needs for the participating universities will be estimated once their action plans are completed.

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.

The initiative will directly benefit over 110,000 students/staff, currently associated with the participating universities in the League.

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]*

The initiative directly advances SDG 7 on energy, and also contributes to SDG13 on climate action by avoiding GHG emissions. One of the central aims of the League is to educate and empower students as a change agent towards realizing a sustainable, just and equitable society that leaves no one behind. Other co-benefits on a number of SDGs will also be assessed on an on-going basis.

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]*

In April 2021, Japan announced a new 2030 greenhouse gas (GHG) emissions reduction target, revising Japan's target from a 26% GHG reduction below 2013 levels to a 46% reduction by 2030, and to continue its challenge towards a 50% reduction. Renewable energy is at the heart of Japan's nationally determined contributions. This Energy Compact directly contributes to this goal.

## 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.

The League intends to issue a progress report on a regular basis, at least once a year, to assess progress based on a set of targets and indicators building on each university's action plan, examine challenges and chart way forward.

## 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 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

Renewable Energy University League of Japan

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)

Chiba University of Commerce (Lead focal point), International Christian University, Wayo Women's University, University of the Sacred Heart, Tokyo University of Foreign Studies, University of Nagano, Sophia University, Hiroshima University, and Tokyo Medical and Dental University, Tokyo Metropolitan University, Ashikaga University, Tokyo City University and Ritsumeikan University.

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

Prof. Sachihiko HARASHINA, President, Chiba University of Commerce, Japan, and the Representative of the Renewable Energy University League of Japan (Email: [sahara@cuc.ac.jp](mailto:sahara@cuc.ac.jp))

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.