



**SDG7 Energy Compact of Solar Health Uganda**

**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.	<p><b>Target(s):</b></p> <ol style="list-style-type: none"> <li>1. Raise public awareness on energy poverty to make at least 200,000 people adequately knowledgeable about the social and economic implications of energy poverty.</li> <li>2. Lobby for donor funding to support our Lights for Literacy Project, to distribute 3000-night study solar lights to students belonging to energy-poor households in the off-grid areas.</li> </ol> <p>Time frame:2021/22 –2025/26</p> <p><b>Context for the ambition(s):</b></p> <ol style="list-style-type: none"> <li>1. According to World Bank development statistics (2016), only 26.7% of Uganda’s population (18% of the rural and 57.5% of the urban populations) have access to electricity. The students belonging to the energy poor households cannot do their academic work at night (as is the case with their fellow students from energy rich households) because of limited access to reliable lighting energy.</li> <li>2. In the wake of COVID 19 pandemic situation when lockdowns are in effect and schools are closed, learning from home has become the appropriate option yet some of these homes lack access to affordable, reliable and clean lighting energy.</li> </ol>
<input type="checkbox"/> <b>7.2.</b> By 2030, increase substantially the share of renewable energy in the global energy mix.	<p><b>Target(s):</b></p> <ol style="list-style-type: none"> <li>1. Mobilize women to form 10 solar entrepreneur groups under our Women Solar Empowerment &amp; Training (Women SET) Program, for them to undertake solar access promotion roles through educating the public about benefits of solar light and selling solar lights to willing buyers.</li> <li>2. Provide the formed women SET groups with 4000 solar lights (400 lights per group) as start-up capital.</li> <li>3. Provide ongoing advisory service to the Women SET groups on how to manage and expand their business.</li> </ol> <p>Time frame:2021/22 – 2025/26</p> <p><b>Context for the ambition(s):</b></p> <ol style="list-style-type: none"> <li>1. The increasing public awareness of the benefits of solar lighting energy and the dangers of indoor pollution will help escalate the use of clean and safe solar lights. Women solar entrepreneurs will vend pico solar lights at affordable prices and allow customers from their communities to pay small installments while using solar light. Most rural underprivileged off-grid households cannot afford to pay for the whole cost of a pico solar light at once and are unable to access these lights from the big cities and towns where solar selling shops are located. In that case, a model of Women SET groups is beneficial to local communities as the women solar entrepreneurs bring the solar lights nearer to the customers in their respective localities.</li> <li>2. Many of the women forming the Women SET groups live among the communities in the off-grid areas and they lack employment due to lack of resources and are not connected to a class of wealthy people. In order to be able to undertake the solar entrepreneurship business, they will be supported with start-up capital to kick start their businesses.</li> </ol>

<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):
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**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>	<i>Start and end date</i>
Ambition 7.1, target 1: We shall conduct outreaches and make door to door sensitization sessions while observing COVID 19 Standard Operating Procedures.	1 <sup>st</sup> July 2021 to 30 <sup>th</sup> June 2026
Ambition 7.1, target 2: We shall work with local CBOs in the respective areas to identify students belonging to energy poor households and distribute Pico solar lights to these children. We shall be capturing baseline data for use in the future to evaluate impact.	1 <sup>st</sup> February 2022 to 30 <sup>th</sup> June 2026
Ambition 7.2, target 1: We shall mobilize women, educate them about the program, assess them and vet out those whom we identify that are willing and are able to undertake the business.	10 <sup>th</sup> January 2022 to 31 <sup>st</sup> December 2025

<p><i>Description of action (please specify for which ambition from Section 1)</i></p> <p>Ambition 7.2, target 2: We shall provide 400 solar lights as start-up capital to each formed and trained women group for them to sell and reinvest some of their profits.</p>	<p><i>Start and end date</i></p> <p>10<sup>th</sup> February 2022 to 20<sup>th</sup> June 2025</p>
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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].*

<i>Outcome</i>	<i>Date</i>
Action 1: sensitization about energy poverty Outcome: 200,000 people able to explain benefits of solar light and effects of energy poverty	30 <sup>th</sup> June 2026
Action 2: Pico solar lights distribution for Lights for Literacy Outcome: 3000 students accessing reliable, affordable clean lighting energy	30 <sup>th</sup> June 2026
Action 3: women SET groups formation Outcome: 10 groups of solar entrepreneurs formed and appropriately trained	31 <sup>st</sup> December 2025
Action 4: Provide start-up capital to formed women SET groups Outcome: 10 groups obtaining a total of 4000 solar lights as start-up capital and are operating their solar vending business and are economically empowered	20 <sup>th</sup> June 2025

**SECTION 4: REQUIRED RESOURCES AND SUPPORT**

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

<p>Action 1: outreaches and sensitization            Finance and investments: USD 15,000 - expected to be obtained from fundraising events and grants</p> <p>Action 2: Pico solar lights distribution for the Lights for Literacy            Finance and investments: USD 36,000 - expected to be obtained from fundraising events and grants</p> <p>Action 3: Women SET groups formation and Training            Finance and investments: USD 10,000 - expected to be obtained from fundraising drives and grants</p> <p>Action 4: Providing start-up capital to formed women SET groups            Finances and investments: USD 27,200 - expected to be obtained from fundraising events and grants</p>
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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	Description
<input type="checkbox"/> In-Kind contribution	Description
<input type="checkbox"/> Technical Support	Description
<input type="checkbox"/> Other/Please specify	Description

## SECTION 5: IMPACT

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

Country is Uganda. # of people is 200,000

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]

Action 1: Outreaches/sensitization  
Alignment with the 2030 Agenda: social inclusion and environment protection

Action 2: Pico solar lights distribution (Lights for Literacy project)  
Alignment with the 2030 Agenda: social inclusion; environment protection; peaceful, just and inclusive societies

Action 3: Women SET groups formation and Training  
Alignment with the 2030 Agenda: social inclusion; inclusive economic growth and environment protection

Action 4: Providing start-up capital to women SET groups  
Alignment with the 2030 Agenda: social inclusion; inclusive economic growth and environment protection

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]

Action 1: Outreach/sensitization  
Alignment with Paris agreement: enhance climate change education, training, public awareness, public participation and public access to information.

Action 2: Pico solar lights distribution  
Alignment with Paris agreement: adaptation to climate change

Action 3: Women SET groups formation  
Alignment with Paris agreement: capacity building, public participation and public access to information

Action 4: Providing start-up capital to formed women SET groups

Alignment with Paris agreement: capacity building; public participation

## 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.

Outcome 1: # of people sensitized will be tracked by use of outreach/sensitization records (reports)  
Outcome 2: # of solar light recipients will be tracked using data captured in the comm. care distribution forms installed on Solar Health Uganda's Tablet computers  
Outcome 3: # of formed women SET will be tracked using training reports  
Outcome 4: # of solar lights given out as start-up capital plus the number of groups receiving the solar lights will be tracked using capitalization reports

## 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

A Clean Light Can Go Along Way

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)

Solar Health Uganda

8.3. Lead entity type

Non Profit Organization

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

[solarhealthuganda@gmail.com](mailto:solarhealthuganda@gmail.com)

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.

<https://www.solarhealthuganda.org/>