



SDG7 Energy Compact of GOGLA

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)

| | |
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| <input checked="" type="checkbox"/> 7.1. By 2030, ensure universal access to affordable, reliable and modern energy services. | <p>Target(s): Powering 1 Billion People Time frame: by 2030 Context for the ambition(s):</p> <p>We believe that, with the right support, off-grid solar solutions can rapidly improve lives for 1 billion people. By 2030, helping 550 million people out of energy poverty (reaching Tier 1+ electricity access), 190 million people benefit from energy used in enterprise, and improving energy access for a further 260 million people with insufficient electricity supply</p> <p>To meet this goal, GOGLA and its Partners who endorse the ‘Power 1 Billion Lives’ Compact will:</p> <ul style="list-style-type: none"> • Off-grid solar companies: provide underserved communities with high-quality, affordable, sustainable energy products and services • Governments in high-energy access deficit countries: create a supportive enabling environment for sustainable off-grid markets and mobilize public funding to enable the rapid adoption of clean energy technologies • Public and private investors: invest more capital in the off-grid solar sector, increase climate finance and build innovative financial mechanisms on terms that enable rapid, and inclusive growth • Development partners, non-government organisations and industry associations: support governments, investors and off-grid companies to catalyze sustainable off-grid markets, leverage investment and ensure that no one is left behind in the bid for universal electrification <p>A ‘Road Map’ of targets has been developed that will provide stepping-stones for the off-grid sector to Power 1 Billion Lives by 2030. The Road Map can be accessed via the following link: Power 1 Billion Lives 2030 Roadmap</p> <p>Amongst other impacts, achieving the aims of this Compact will:</p> <ul style="list-style-type: none"> • Improve energy access, equity, and quality of life for 1 billion people, including those living in poverty and areas of humanitarian crisis • Drive enterprise growth and unlock greater income for millions of businesses • Create 2.2 million green jobs directly within the off-grid industry, and many more full-time equivalent jobs amongst off-grid solar customers as a result of greater access to electricity • Boost resilience for many of those most vulnerable to climate change through diversified livelihoods, improved infrastructure and better health, safety, and food security • Avoid 450 million tons of CO₂e, equal to taking 113 coal fired power plants offline for a year |
| <input type="checkbox"/> 7.2. By 2030, increase substantially the share of renewable energy in the global energy mix. | <p>Target(s): Time frame: Context for the ambition(s):</p> |

| | |
|--|---|
| <input type="checkbox"/> 7.3. By 2030, double the global rate of improvement in energy efficiency. | Target(s): Time frame: 2021/22-2025-26 Context for the ambition(s): |
| <input type="checkbox"/> 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. | Target(s): Improve investment into off-grid solar solutions from \$315 pa in 2020, to \$2 billion pa in 2030 Time frame: by 2030 Context for the ambition(s): Investment into off-grid solar needs to expand rapidly to achieve universal electricity access and support greater productive use of energy. Target(s): Increase the number of governments in high-energy access deficit countries with an integrated rural electrification plan, which includes off-grid solar, to 90% (tbc) Time frame: by 2030 Context for the ambition(s): Some high-energy access deficit countries have integrated rural electrification plans that include off-grid solar, but this is missing in many other countries. More integrated planning at national level has the potential to significantly improve the enabling environment for energy access via off-grid solutions in high energy access countries |
| <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. | 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): Avoiding 450 million tons of CO2e emissions
Time frame: By 2030
Context for the ambition(s): displacement of kerosene and diesel generators by off-grid solar solutions will additionally avoid significant levels of CO2e emissions – equal to taking 113 coal fire power plants off-line for a year

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].

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| <i>Description of action (please specify for which ambition from Section 1)</i> Ambition: Power 1 Billion People by 2030 Action: 500 million off-grid solar products sold/deployed in high energy access deficit countries by 2030 Context: High levels of sales of off-grid solar products and services are needed to provide modern and sustainable energy for energy poor homes, farms, businesses and public infrastructure Start & End Dates: 2021-2030 | 2021 - 2030 |
| <i>Description of action (please specify for which ambition from Section 1)</i> | 2021 - 2030 |

| | |
|--|-------------|
| <p>Ambition: \$2billion pa invested in the off-grid sector in 2030 Action: More investors making investments into off-grid solar; greater levels of investment in off-grid solar, including greater climate investment and local capital; more financial innovation to unlock investment Context: A step change is needed in financial innovation and the levels of investment entering the off-grid sector in order to reach the estimated \$2 billion per year needed to hit the “Power 1 Billion Lives” energy access goal Start & End Dates: 2021-2030</p> | |
| <p><i>Description of action (please specify for which ambition from Section 1)</i></p> <p>Ambition: Increase the number of governments in high-energy access deficit countries with an integrated rural electrification plan, which includes off-grid solar, to 90% by 2030 (tbc) Action: Engagement with, and the provision of technical assistance to, the governments of high-energy access deficit countries Context: Greater knowledge sharing and engagement between national policy makers and the off-grid sector is key to unlocking the enabling environment needed to expand electricity access and electricity for productive use in energy poor communities – with this resulting in clear plans to expand energy access via off-grid solutions at the national level Start & End Dates: 2021-2030</p> | 2021 - 2030 |
| <p><i>Description of action (please specify for which ambition from Section 1)</i></p> <p>Ambition: Avoiding 450 million tons of CO2e emissions Action: 500 million off-grid solar products sold/deployed in high energy access deficit countries by 2030 Context: High levels of sales of off-grid solar products are needed to displace the use of toxic kerosene and highly polluting diesel generators commonly used for lighting and the provision of electricity in homes, businesses, farms and public institutions Start & End Dates: 2021-2030</p> | 2021 - 2030 |

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].*

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|--|------|
| <p>Action 1 & 4: 500 million off-grid solar products sold/deployed in high energy access deficit countries by 2030</p> <p><i>Outcome</i></p> <p>Amongst other impacts, achieving the aims of this Compact will:</p> <ul style="list-style-type: none"> • Improve energy access, equity, and quality of life for 1 billion people, including those living in poverty and areas of humanitarian crisis • Drive enterprise growth and unlock greater income for millions of businesses • Create 2.2 million green jobs directly within the off-grid industry, and many more full-time equivalent jobs amongst off-grid solar customers as a result of greater access to electricity • Boost resilience for many of those most vulnerable to climate change through diversified livelihoods, improved infrastructure and better health, safety, and food security • Avoid 450 million tons of CO2e, equal to taking 113 coal fired power plants offline for a year | 2030 |
| | |

| | |
|--|-------------|
| <p>Action 2: More investors making investments into off-grid solar; greater levels of investment in off-grid solar, including greater climate investment and local capital; more financial innovation to unlock investment</p> <p><i>Outcome</i></p> <p>\$2 billion+ p/a invested into the OGS sector by 2030 (targets for 2023, 2025 and 2027 also added in Section 4)</p> | <p>2030</p> |
| <p>Action 3: Engagement with, and the provision of technical assistance to, the governments of high-energy access deficit countries</p> <p><i>Outcome</i></p> <p>Number of governments in high-energy access deficit countries with an integrated rural electrification plan, which includes off-grid solar, increased to 90%</p> | <p>2030</p> |

SECTION 4: REQUIRED RESOURCES AND SUPPORT

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

Investment in support of all actions noted above is estimated to be:

- (i) By 2023: \$500 million+ invested into the OGS sector (p.a)
- (ii) By 2025: \$1billion+ invested into the OGS sector (p.a)
- (iii) By 2027: \$1.5billion+ invested into the OGS sector (p.a)
- (iv) By 2030: \$2billion+ invested into the OGS sector (p.a)

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.

All high energy access deficit countries including:

Angola
Bangladesh
Benin
Burkina Faso
Burundi
CAR
Chad
DRC
Ethiopia
Guinea-Bissau
Guinea
India
Indonesia
Kenya
Liberia
Madagascar
Malawi
Mozambique
Myanmar
Niger
Nigeria
Pakistan
PNG
Rwanda
Sierra Leone
Somalia
South Sudan
Sudan
Tanzania
Uganda
Yemen
Zimbabwe

with an ambition to impact 1 billion people.

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]

Achieving the aims of this Compact will mean that within the next nine years:

- 550 million people living in energy poverty will gain modern electricity access (Tier 1+)ⁱ, often accompanied by life-enhancing appliances such as TVs, radios, phones and fans
- Energy services are strengthened for a further 260 million people, where off-grid solutions provide a back-up to grid energy and/or displace the use of expensive and polluting diesel generation
- 190 million people will directly benefit from the productive use of off-grid energy in micro-enterprise, agriculture (via solar irrigation, cold storage or agro-processing) or public institutions

Amongst other impacts, this will:

- Improve energy access, equity, and quality of life for 1 billion people, including those living in poverty and areas of humanitarian crisis
- Drive enterprise growth and unlock greater income for millions of businesses
- Create 2.2 million green jobs directly within the off-grid industry, and many more full-time equivalent jobs amongst off-grid solar customers as a result of greater access to electricity
- Boost resilience for many of those most vulnerable to climate change through diversified livelihoods, improved infrastructure and better health, safety, and food security

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]

- Avoid 450 million tons of CO2e, equal to taking 113 coal fired power plants offline for a year

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.

Via a range of mechanisms, including:

- Tracking sales of off-grid solar products and efficient appliances through the bi-annual 'Off-grid Solar Market Trends Report' data collection and reporting exercise – undertaken by the World Bank, IFC and GOGLA – to estimate the number of number of people reaching Tier 1+ electricity access, gain improved energy access, using off-grid solutions for productive use and other impact outcomes
- Tracking investment into the off-grid solar sector via the GOGLA 'Deals Database' supported by the Get.Invest Programme
- Tracking the number of countries with integrated rural electrification planning which includes off-grid solar – bespoke tracking mechanism to be developed by mid-2022, interim tracking and insights via the ESMAP RISE indicators, Power Africa VAT Tracking Tool and other clean energy policy tracking resources

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 (resource permitting, we would love to better align with NDCs and ultimately to track this progress)

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 where possible, with other targets to be explored pending resources for robust tracking

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

Power 1 Billion Lives

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)

GOGLA

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

Susie Wheeldon, Head of Communications and Insights: s.wheeldon@gogla.org
Chiara Ferracioli, Director of Strategy: c.ferracioli@gogla.org
Francis Wainaina, Senior Project Manager, Policy and Regulation: f.wainaina@gogla.org

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.

Website Landing Page and Compact Overview:

<https://www.gogla.org/join-us-in-our-energy-compact-to-provide-energy-access-for-all-by-2030>

Press Release announcing the Compact

<https://www.gogla.org/media/201476-gogla-launches-an-ambitious-energy-compact-to-power-1-billion-lives-by-2030>

Social Media Kit – Messages and Graphics

https://docs.google.com/document/d/1Dwm1cjTTErm9A8cxB_tyB4GhUZmAdLlb87kfrQidGK4/edit
