

## **Framework for “The 1 Giga Ton Coalition” to measure and report reductions of greenhouse gas emissions achieved through renewable energy and energy efficiency initiatives and programs in developing countries.**

*The International Energy and Climate Initiative - Energy+ - invites countries and donors to measure and report reductions of greenhouse gas (GHG) emissions resulting from renewable energy and energy efficiency initiatives and programs in developing countries. This will make visible the effects of efforts in this sector to close the emission gap required to reach the goal of limiting global warming to 2 degrees. The reduction of GHG emissions is estimated to 1 Giga ton CO<sub>2e</sub> (GtCO<sub>2e</sub>) by 2020.*

### **I. Goal**

The 1 Giga Ton Coalition is a voluntary international framework to increase efforts to measure and report reduced GHG emissions resulting from renewable energy and energy efficiency initiatives and programs in developing countries.

The 1 Giga Ton Coalition intends to work with initiatives and agencies already involved in tracking and supporting renewable energy and energy efficiency activities in developing countries, and where the initiatives and agencies will cooperate with the governments in developing countries to measure and report emissions better. This can help build capacity in the developing countries for better reporting to the UNFCCC, as well as inspire towards increased actions on renewable energy and energy efficiency.

### **II. Aspiration**

The 1 Giga Ton Coalition offers a platform to increase countries' efforts to measure and report reductions of GHG emissions resulting from renewable energy and energy efficiency initiatives and programs by providing technical support. According to UNEP, the reduction of GHG emissions required in 2020 in addition to the present pledges made by countries, is about 8 - 12 GtCO<sub>2e</sub>/year on a global scale to stay on track to comply with the 2 degrees goal. 3 – 4.5 GtCO<sub>2e</sub> of emissions can be avoided by realizing the full potential for renewable energy and energy efficiency globally.

The 1 Giga Ton Coalition aspires to contribute to the intensified actions as COP 19 requested (Decision/CP.19 (*Further advancing the Durban Platform*)).

Initially, the 1 Giga Ton Coalition aims to measure and report reductions of GHG emissions resulting from renewable energy and energy efficiency initiatives and programs of 1 GtCO<sub>2e</sub> by 2020. This would contribute to make visible the effects of efforts in this sector to close the emissions gap referred to above to reach the 2 degrees climate goal by 2020, and generate momentum to scale up efforts which could deliver more emissions savings beyond 2020. These emissions reductions and the realised potential of renewable energy and energy efficiency could

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also potentially contribute to achieving other co-benefits such as energy access and human health.

## III. Scope

The 1 Giga Ton Coalition intends to work with initiatives and agencies already involved in tracking and supporting renewable energy and energy efficiency activities in developing countries. It would help to reinforce and expand national, regional and global public and private efforts to measure and report GHG emissions resulting from actions to increase access to sustainable energy services by renewable energy and energy efficiency:

- Building on current efforts undertaken by the UNFCCC Secretariat, Sustainable Energy for All (SE4ALL), the International Energy Agency (IEA), United Nations Environment Programme (UNEP), International Renewable Energy Agency (IRENA), Climate Technology Centre and Network (CTCN), Global Environment Facility (GEF), REN21, Bloomberg New Energy Finance, multilateral development banks, Climate and Clean Air Coalition (CCAC), the International Partnership on Mitigation and MRV, and others to find commonalities and partnerships to extend the tracking to include systematic, robust and comparable GHG emission figures;
- Working as a platform for initiatives and agencies in cooperation with developing countries, to enhance tools, methods and capacity for measuring and reporting of energy sector emissions;
- Aiming at ensuring common methodology for measuring and reporting emissions of greenhouse gases resulting from renewable energy and energy efficiency actions, in line with UNFCCC guidelines;
- Issuing annual report;
- Encouraging voluntary cooperation on concrete actions in accordance with nationally defined development priorities in order to scale up efforts by making visible the effects on GHG emissions from different effort to enhance renewable energy and energy efficiency; and
- Carrying out any other activity as deemed necessary by the 1 Giga ton Coalition.

## IV. Benefits to partners

By joining the 1 Giga Ton Coalition, and endorsing its framework, partners would be able to benefit from the following:

- To increase the **visibility** of countries' mitigation efforts through measuring and reporting of emissions;
- To gain global **recognition** and **credibility** for achievements made in reducing GHG emissions through renewable energy and energy efficiency activities;
- To track **progress** achieved in climate change actions to identify where additional mitigation effort/support may be needed;

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- To **access** valuable data and credible information on reduced GHG emissions from renewable energy and energy efficiency activities; and
- To **strengthen the technical capacity** of countries and partners to measure and report greenhouse gas emissions;

## V. Expectations of Partners

**Measuring and reporting:** Partners are expected to measure and report on achieved reductions of GHG emissions resulting from supported renewable energy and energy efficiency initiatives and programs. The Coordination Team of the 1 Giga Ton Coalition will coordinate the collection of data and the production of annual reports by working with existing initiatives and agencies who already collect and analyse data to ensure effective collaboration and to avoid any unnecessary duplication. Reports will increasingly be developed according to agreed guidelines and methodologies under the UNFCCC, and be timely published for direct use within the UNFCCC and the SE4ALL frameworks.

By improving monitoring and reporting of energy-related mitigation actions, the 1 Giga Ton Coalition will assist developing countries and the world community to advance on a path that has already been agreed upon, and it will accelerate the availability of information that can improve planning and action by all stakeholders.

## VI. Organizational structure

The 1 Giga Ton Coalition will build on the Energy+ partnership. Partners of the 1 Giga Ton Coalition will determine its organizational structure. UNEP will provide the Coordination for the 1 Giga Ton Coalition, which will initially be funded by Norway.

## VII. Participation

Participation in the 1 Giga Ton Coalition is open to both developed and developing countries, as well as to intergovernmental organizations, representatives of the private sector, and civil society. Any of these partners may join the 1 Giga Ton Coalition subject to endorsement of this Framework. Participation is voluntary, and as such, membership does not create any binding obligations and each Partner individually determines the nature of its participation.

## VIII. How to join

To join the 1 Giga Ton Coalition please send a letter of expression of interest to [\[tbc\]](#).

For any further information please contact Zitouni Ould-Dada at the UNEP Coordination Team at [Zitouni.ould-dada@unep.org](mailto:Zitouni.ould-dada@unep.org) [\[tbc\]](#)