



HOST PARTY PARTICIPATION REQUIREMENTS FOR ARTICLE 6.4 MECHANISM (Version 01.0)

SECTION 1: GENERAL INFORMATION

Country:	Sri Lanka
Institution name:	Ministry of Environment
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ADDITIONAL REPRESENTATIVE (OPTIONAL)

Additional representative of the institution:	NA
E-mail address of the additional representative:	NA
Phone number of the additional representative:	NA

SECTION 2: PARTICIPATION RESPONSIBILITIES

Is your country a Party to the Paris Agreement?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has your country prepared, and communicated, and is it maintaining a Nationally Determined Contribution (NDC) in accordance with Article 4, paragraph 2 of the Paris Agreement?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has your country designated a Designated National Authority (DNA) for the Article 6.4 mechanism and communicated that designation to the UNFCCC secretariat?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Please describe how your country's participation in the Article 6.4 mechanism contributes to sustainable development while acknowledging that the consideration of sustainable development is a national prerogative.

Sri Lanka fully supports to implementation of the 2030 Agenda for Sustainable Development adopted in 2015. In this respect, all policies, action plans, and regulations are prepared by considering the implementation of the Sustainable Development Goals in the country.

Sri Lanka submitted the updated Nationally Determined Contributions (NDCs) in 2021, with the target of a 14.5% emission reduction against the BAU scenario from 2021-2030. The NDCs consist of six mitigation sectors and nine adaptation sectors. The six mitigation sectors are Electricity, Transport, Waste, Industry, Agriculture, and Forestry. In addition, the country has a Long-Term Low-Emission Development strategy through its Carbon Net Zero 2050 Roadmap and Strategy Plan Sri Lanka, aiming towards long-term emission reduction goals.

Sri Lanka is willing to engage the Article 6.4 mechanism by implementing emission reduction or removal projects through the above-mentioned six mitigation sectors.

By implementing emission reduction or removal projects, their contribution to the SDGs is as follows.

- Electricity sector projects: contribute to SDGs 3,4,5,7,8,9,11,12,13 and 17.
- Transport sector projects: contribute to SDGs 7,11 and 17.
- Waste sector projects: contribute to SDGs 4,11,12,13,14,15 and 17.
- Industry sector projects: contribute to the SDGs 3,4,8,9,11,13 and 17.
- Forestry sector projects: contribute to the SDGs 6,13,15 and 17.
- Agriculture sector projects: contribute to the SDGs 1,2,3,11,13 and 17.

Please provide detailed information on the types of activities under Article 6, paragraph 4 (A6.4 activities) that your country would consider approving pursuant to chapter V.C (Approval and Authorization) of the Rules, Modalities and Procedures (RMPs).

Additionally, explain how these activities, and any associated emission reductions or removals, would contribute to the achievement of your country's NDC, if applicable, its long-term low GHG emission development strategy, if it has submitted one, and the long-term goals of the Paris Agreement?

Sri Lanka has published the Positive Project Areas list with the approval of the Cabinet of Ministers. These positive projects from various sectors are applicable for emission reduction or removal from respective projects that are engaging with the purpose of carbon trading under cooperative approaches of Article 6.2 with the adoption of PACM / Article 6.4 mechanisms.

The sectoral positive project areas are listed as follows.

Positive list (Conditional): Electricity Sector

Positive List is the tradable projects and can be included as conditional up to 50% (maximum) of total carbon reduction as follows.

1. Establishment of wind power plants with the assistance of Bi-lateral and Multilateral Donar Agencies and savoring Governments (to the level of 737 MW)- (Maximum 25%)
2. Establishment of ground-mounted solar PV with the assistance of Bi-lateral and Multilateral Donar Agencies and savoring Governments (to the level of 1982 MW)- (Maximum 25%)
3. Establishment of Offshore Wind Farms (Maximum 50%)
4. Establishment of Tidal Energy Farms (Maximum 50%)
5. Establishment of Energy Storage Power Facilities such as Hydro Pumped Power Storage (Maximum 50%)
6. Establishment of Energy Storage Power Facilities such as Battery Storage in Solar Power Plants (Maximum 50%)
7. Electricity Wheeling (50%)
8. Demand Side Management programs other than Lighting efficiency improvements (50%)

Transport Sector

Positive list (Conditional):

1. Implementation of fuel switch measures focusing on electric mobility and hybrid vehicles (H2)
2. Implementation of low-carbon public passenger transport activities, such as Bus Rapid Transits (BRTs) and improved rail transportation
3. Implementation of rapid transport systems for passenger transport
4. Development of new low-carbon transportation infrastructure resulting in fuel savings

List of the positive project areas: Industry Sector

1. Fuel switch from fossil fuels to renewable energy-based fuels in industrial processes
2. Development of Resource Efficiency Cleaner Production (RECP) practices, including low-carbon technologies and processes
3. Introduction of tri-generation* facilities
4. Energy efficiency interventions in industries with longer payback periods

List of the positive project areas: Waste Sector

1. Deployment of Methane Abatement Technologies in Municipal Solid Waste Treatment Projects
2. Implementation of Waste-to-Energy projects (Incineration, Gasification, Pyrolysis and Plasma)
3. Waste dumpsites rehabilitation projects (Avoidance of Greenhouse Gas Emissions in Waste Dumps / Landfills)
4. Deployment of Efficient Waste Collection and Transportation Systems and Processes
5. Emission Reductions through the Promotion of Recycling Technologies and Process Optimization

List of the positive project areas: Forestry Sector

1. Restoration and reforestation of terrestrial forests covering various plantations
2. Enhancement and expansion of trees outside forests
3. Agroforestry on private lands, covering various large and bundled small activities
4. Reforestation by the private sector for timber production
5. Mangrove restoration subjected to the following conditions

5.1. Restoration of mangroves based on the areas identified by the Department of Forest Conservation and the Department of Wildlife Conservation, which is approximately 2000 ha in extent will be restored, however aforementioned extent would not be considered and allocated for carbon finance and crediting purposes.

5. 2. Apart from the above-mentioned identified areas, any further areas that might be identified based on National Guidelines on Mangrove Restoration in Sri Lanka (2021), and other protocols for blue carbon ecosystem restoration, approved by the Blue Carbon Task Force, could be considered.

List of the positive project areas: Agriculture and Livestock Sector

1. Methane emission management from livestock coupled with energy conversions for thermal or electrical energy generation
2. Adoption of innovative technologies in agricultural practices (such as rice cultivation) for GHG emission reductions

These positive project areas are part of the conditional NDCs in the country. Therefore, by implementing the positive project areas listed above, the part of the NDC can be implemented as well as LT-LEDs.

Please provide any additional information that the host Party may deem necessary.

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Document information

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01.0	18 January 2024	Initial publication.
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