



HOST PARTY PARTICIPATION REQUIREMENTS FOR ARTICLE 6.4 MECHANISM (Version 02.0)

SECTION 1: GENERAL INFORMATION

Country:	Liberia
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ADDITIONAL REPRESENTATIVE (OPTIONAL)

Additional representative of the institution:	Mr. Dehpue Zuo
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SECTION 2: PARTICIPATION RESPONSIBILITIES

Is your country a Party to the Paris Agreement?	☒ Yes ☐ No
Has your country prepared, communicated, and is it maintaining a Nationally Determined Contribution (NDC) in accordance with Article 4, paragraph 2 of the Paris Agreement?	☒ Yes ☐ No
Has your country designated a Designated National Authority (DNA) for the Article 6.4 mechanism and communicated that designation to the UNFCCC secretariat?	☒ Yes ☐ 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.

Liberia's participation in the Article 6.4 mechanism will support the achievement of its NDC targets while advancing national development priorities, with sustainable development considerations remaining a national prerogative. By prioritizing activities in forestry and land use, renewable and distributed energy, clean cooking, waste management, agriculture, transport, and

industrial processes, Liberia aims to generate emission reductions that also deliver co-benefits such as improved energy access, job creation, biodiversity conservation, enhanced public health, food security, and resilient communities. In this way, Article 6.4 activities will contribute not only to SDG 13 (Climate Action) but also to a broad set of interlinked SDGs, thereby ensuring that climate action is fully aligned with Liberia's development agenda (the ARREST Agenda for Inclusive Development) ensuring sustainable development pathway and the overall long - terms objectives of the Paris Agreement.

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?

1. Forestry / LULUCF (REDD+, afforestation, mangrove & wetland restoration, sustainable forest management)

- NDC linkage: Liberia aims to reduce deforestation by 10%, add $\geq 200,000$ ha to protected areas, and expand afforestation/reforestation and urban tree planting. These actions are central to the mitigation pathway.

- Paris relevance: Forests cover ~69% of Liberia's land, so protecting/removing carbon secures long-term carbon sinks and aligns with net-zero by 2050 pathways.

2. Renewable energy (grid-connected solar, small/medium hydro with safeguards, distributed renewable mini-grids, productive-use solar)

- NDC linkage: Targets 150 MW new RE capacity, 75% on-grid RE share, 50 MW DRE, and major clean cooking expansion — energy sector mitigation potential is ~48.5%.

- Paris relevance: Builds long-lived low-carbon energy infrastructure, displaces diesel/kerosene use, and supports a sustainable development pathway.

3. Waste & wastewater methane reduction (landfill gas capture, anaerobic digestion, composting, recycling/diversion)

- NDC linkage: Target $\geq 70\%$ methane recovery at landfills and 50 composting stations — waste sector mitigation potential ~45%.

- Paris relevance: Reduces short-lived climate pollutants (methane), accelerating near-term climate gains consistent with Paris' 1.5°C trajectory.

4. Agriculture (climate-smart rice, manure-to-biogas, reduced fertiliser emissions, agroforestry)

- NDC linkage: Targets AWD/SRI adoption on 60% of rice area by 2035; reduce chemical fertiliser use 60% by 2035 through organic substitution; promote agroforestry.

- Paris relevance: Enhances resilience, food security, and soil carbon, preparing the agriculture sector for sustainable low-emission growth.

5. Transport decarbonisation (electric two/three-wheelers, e-vehicles, clean fleet transition, BRT)

- NDC linkage: Deploy 2,000 EV "kekehs" (three-wheelers) + 2,300 e-motorbikes by 2029; clean 20% of public bus fleet by 2035; contribute ~15% reduction in transport emissions.

- Paris relevance: Builds early EV infrastructure and modal-shift capacity that support long-term sustainable transport and net-zero pathways.

6. Industrial processes / IPPU (HFC phase-down, low-GWP refrigerants, cement clinker substitution, efficiency improvements)

- NDC linkage: Commitments include reducing HFC emissions 20% by 2035 and increasing low-GWP refrigerant use by 50% by 2028.

- Paris relevance: Tackles high-GWP gases and industrial efficiency, aligning with global Kigali/Paris targets and long-term industry decarbonisation.

7. Clean cooking solutions (LPG, improved biomass, electric stoves)

- NDC linkage: Target 200,000 households with clean cooking by 2030. This reduces non-CO₂ emissions and pressure on deforestation.

- Paris relevance: Major health and gender equity co-benefits; reduces biomass dependence and associated emissions.

8. Pilot removals (biochar, restoration with permanence mechanisms)

- NDC linkage: Supports enhanced removals through reforestation/soil carbon pilots. Though not core quantified targets, these pilots test methodologies and build readiness.

- Paris relevance: Prepares Liberia for future inclusion of engineered/nature-based removals in a potential LT-LEDS and for Paris long-term balance of sinks and sources.

Summary

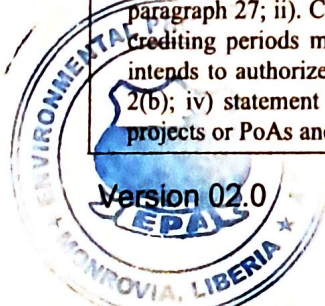
- Core A6.4 approvals would likely focus on forestry/LULUCF, renewable energy, waste methane capture, agriculture, and transport, since these sectors together deliver most of the NDC ambition.

- Supporting A6.4 approvals include IPPU (HFCs), clean cooking, and removals pilots — these complement core sectors and build capacity for long-term pathways.

- Liberia has not yet submitted a LT-LEDS; however, the activities above lay the groundwork for one by building durable carbon sinks, decarbonising energy/transport, and piloting removals — directly supporting the Paris Agreement's long-term goals.

- Liberia's prospective A6.4 activities generate multidimensional sustainable development impacts, aligning with at least 11 SDGs by delivering direct GHG mitigation under SDG 13 (Climate Action), structural economic co-benefits under SDG 8 (Decent Work and Economic Growth), and public health improvements under SDG 3 (Good Health and Well-being), while simultaneously advancing SDGs 1, 2, 5, 7, 9, 11, 12, 14, and 15 through quantified synergies in land-use, energy access, waste management, agriculture, transport, and industrial process transformations consistent with NDC targets.

¹ The host Party may optionally provide additional information on: i) Baseline approaches and other methodological requirements, including additionality, to be applied for Article 6.4 activities as per decision 3/CMA.3, annex, paragraph 27; ii). Crediting periods to be applied for Article 6.4 activities that it intends to host, including whether the crediting periods may be renewed as per decision 3/CMA.3, annex 3, paragraph 27(b); iii) First transfer in case it intends to authorize A6.4ERs for other international mitigation purposes as per decision 2/CMA.3, annex, paragraph 2(b); iv) statement on exemption from the waiver for share of proceeds for adaptation for LDCs and SIDS of all projects or PoAs and CPs.



Please provide any additional information that the host Party may deem necessary (optional):

Baseline approaches and other methodological requirements, including additionality, to be applied for A6.4 activities that it intends to host, in addition and subject to and consistent with the RMPs, under the supervision of the Supervisory Body, and subject to further relevant decisions of the CMA, with an explanation of how those approaches and requirements are compatible with its NDC and, if it has submitted one, its long-term low GHG emission development strategy:

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Crediting periods to be applied for A6.4 activities that it intends to host, including whether the crediting periods may be renewed, subject to the RMPs and under the supervision of the Supervisory Body, and in accordance with further relevant decisions of the CMA, with an explanation of how those crediting periods are compatible with its NDC and, if it has submitted one, its long-term low GHG emission development strategy:

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Definition of first transfer pursuant to decision 2/CMA.3, annex, paragraph 2(b)² as:

- ☐ The authorization
- ☐ The issuance
- ☐ The use or cancellation of the A6.4ERs

Exemption from the waiver for share of proceeds for adaptation for LDCs and SIDS

Is the host Party an LDC or SIDS:

☒ Yes ☐ No

☐ The host Party chooses not to exempt all projects or PoAs and CPs from the share of proceeds for adaptation⁴

Any additional information:

>> N/A

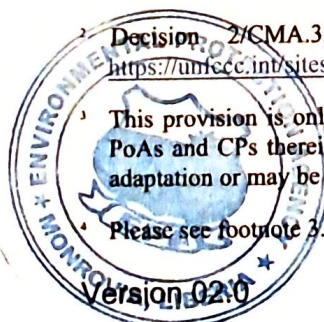
Document information

Version	Date	Description
02.0	20 March 2025	Revision to clarify which are the optional elements for the section "additional information that the host Party may deem necessary".
01.0	25 March 2024	Published with revised symbol number (previously A6.4-FORM-AC-

Decision 2/CMA.3, annex, as contained in document FCCC/PA/CMA/2021/10/Add.1. Available at: https://unfccc.int/sites/default/files/resource/cma2021_10a01E.pdf.

This provision is only applicable to LDCs and SIDS and is to be checked if the LDC/SIDS hosting the projects or PoAs and CPs therein, chooses not to exempt all project activities or PoAs and CPs from the share of proceeds for adaptation or may be indicated for each project or PoA and CPs at the time of approval of the project or PoA.

Please see footnote 3.



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Decision Class: Regulatory

Document Type: Form

Business Function: A6.4 activity cycle, Governance

Keywords: A6.4 mechanism, A6.4 projects, host Party, project implementation

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