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| List of common nomenclatures under Article 6, paragraph 2, of the Paris Agreement  Date: #Date# (Revision: #Revision#)  Version | |

1. Mandate and introduction

The Subsidiary Body for Scientific and Technological Advice, at its sixtieth session, requested the secretariat, as the administrator of the centralized accounting and reporting platform (CARP), to develop an initial list of common nomenclatures, to develop a process for requesting the establishment of and changes to common nomenclatures, pursuant to decision 6/CMA.4, annex I, chapter II.B, and to report on its progress in its annual report to the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement referred to in decision 2/CMA.3, annex, paragraph 36(c).[[1]](#footnote-1)

This document contains the list of common nomenclatures.

1. List of common nomenclatures

Table 1(a)  
**Cooperative Approach: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Cooperative approach under Article 6.2. The format of the string is "CANNNN" where the "CA" is the fixed prefix, and NNNN is a four-digit integer, that shall be incremented by one for each additional agreed cooperative approach, and added to this common nomenclature. |
| Mandate(s) | Decision 6/CMA.4, Annex I, paragraph 5(a) Decision X/CMA.6, Annex II, Table 2, footnote c Decision X/CMA.6, Annex II, Table 3, footnote c Decision X/CMA.6, Annex II, Table 4, footnote a |
| Type | string |
| Required | true |
| Naming in AEF | Cooperative approach |
| Technical name | CooperativeApproach |
| List of values | See table 1(b) below |

Table 1(b)  
**Cooperative Approach: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| CA0001 | Article 6.4 mechanism (between Parties to the Paris Agreement) |
| CA0002 | Promotion of climate smart agriculture practices for sustainable rice cultivation in Ghana (between Ghana and Switzerland) |
| CA0003 | Operation of e-buses on privately owned, scheduled public bus routes in the Bangkok Metropolitan area by Energy Absolute / Implementing Agreement to the Paris Agreement between the Kingdom of Thailand and the Swiss Confederation (between Switzerland and Thailand) |
| CA0004 | Electrification of Vanuatu’s Inhabited Islands through Solar Power ITMO Programme (between Switzerland and Vanuatu) |
| CA0005 | Emissions Reductions from Sustainable Management of Forests (by Guyana) |
| CA0006 | ITMOs resulting from Paris Agreement Article 5.2: reducing emissions from deforestation and forest degradation, and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks (by Suriname) |

Table 2  
**Originating Party Registry: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | ISO-3166-1 alpha-3 code of the participating Party in which the mitigation outcomes originated. |
| Mandate(s) | Decision 6/CMA.4 Annex I, paragraph 5 Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | true |
| Naming in AEF | Party ITMO registry ID |
| Technical name | OriginatingPartyRegistry |
| List of values | Not available |

Table 3  
**First ID: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Identifier of the first ITMO in the block, commencing with First ID, ending with Last ID. Blocks from the same Originating Party Registry cannot overlap. |
| Mandate(s) | Decision 6/CMA.4 Annex I, paragraph 5 Decision 6/CMA.4 paragraph 17 (j) |
| Type | integer |
| Required | true |
| Naming in AEF | First ID |
| Technical name | FirstID |
| List of values | Not available |

Table 4  
**Last ID: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Identifier of the last ITMO in the block, commencing with First ID, ending with Last ID. Blocks from the same Originating Party Registry cannot overlap. |
| Mandate(s) | Decision 6/CMA.4 Annex I, paragraph 5 Decision 6/CMA.4 paragraph 17 (j) |
| Type | integer |
| Required | true |
| Naming in AEF | Last ID |
| Technical name | LastID |
| List of values | Not available |

Table 5  
**First Transferring Party: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | ISO-3166-1 alpha-3 code of participating party registry that initiates the "First Transfer". |
| Mandate(s) | Decision 6/CMA.4 Annex I, paragraph 5 Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | false |
| Naming in AEF | First transferring participating Party ID. Note that ITMO may exist before first transfer, thus this field is optional. |
| Technical name | FirstTransferringParty |
| List of values | Not available |

Table 6  
**Vintage: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Year in which mitigation outcome occured. |
| Mandate(s) | Decision 6/CMA.4 Annex I, paragraph 5 Decision 6/CMA.4 paragraph 17 (j) |
| Type | integer |
| Required | true |
| Naming in AEF | Vintage |
| Technical name | Vintage |
| List of values | Not available |

Table 7(a)  
**Sectors: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | One or more sectors where the mitigation outcome occurred as per common nomenclatures based on IPCC guidelines. |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | true |
| Naming in AEF | Sector(s) |
| Technical name | Sectors |
| List of values | See table 7(b) below |

Table 7(b)  
**Sectors: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| Agriculture | Methane reduction nitrous oxide emission reduction are some examples of initiatives aimed at the agriculture sector, sustainable fish production, etc. |
| Building and construction | Zero-energy and passive houses, green roofs and walls for urban buildings, smart grids and building automation systems, sustainable urban drainage systems, climateadaptive urban planning. |
| Cross-sectoral mechanisms | ITMOs that cannot be associated to a specific sector since they are the net flow of mitigation outcomes coming from a different mechanism. |
| Energy generation | Wind farms, offshore wind power, solar farms, hydroelectric plants, geothermal heating and cooling solutions or biomass energy, etc. |
| Forestry and land use | Mangrove restoration, seagrass plantation, urban forestry and green spaces development, peatland restoration and conservation, soil carbon enhancement, land-use planning for reduced urban sprawl. |
| Industrial processes | Fuel switching, carbon capture and storage (CCS), green chemistry, waste gas and heat recovery. |
| Transportation | Hydrogen fuel cell vehicles and refueling infrastructure, sustainable biofuels for aviation and shipping, electric public transit systems, active transport infrastructure (bike lanes, pedestrian zones), smart logistics and freight transport efficiency. |
| Urban development | Vegetative cover, afforestation, permeable surfaces, green roofs, rain gardens, bioretention swales, natural and constructed wetlands, converting abandoned industrial sites into urban parks. |
| Waste management | Methane capture from landfills, waste-to-energy projects, Advanced recycling technologies, Biogas generation from organic waste, Circular economy models for industries (sharing, repairing, recycling), and the reduction of organic waste through composting and anaerobic digestion. |

Table 8(a)  
**Activity Type: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | The mitigation activity type(s) from which the ITMOs were generated. |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | true |
| Naming in AEF | Activity Type(s) |
| Technical name | ActivityType |
| List of values | See table 8(b) below |

Table 8(b)  
**Activity Type: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| Afforestation | Projects that involve the afforestation of land. |
| Agriculture | Projects aimed at reducing emissions from agricultural practices. |
| Biogas | Projects that generate energy from biogas. |
| Biomass Energy | Projects that generate energy from biomass resources. |
| Cement | Projects in the cement industry aimed at reducing emissions. |
| C02 usage | Projects that involve the usage of captured CO2. |
| Coal bed/mine methane | Projects that capture and utilize methane from coal beds or mines. |
| Energy distribution | Projects aimed at improving the efficiency of energy distribution. |
| Energy Efficiency households | Projects aimed at improving energy efficiency in households. |
| Energy Efficiency Industry | Projects aimed at improving energy efficiency in the industrial sector. |
| Energy Efficiency own generation | Projects aimed at improving energy efficiency in own generation facilities. |
| Energy Efficiency service | Projects aimed at improving energy efficiency in the service sector. |
| Energy Efficiency supply side | Projects aimed at improving energy efficiency on the supply side. |
| Fossil fuel switch | Projects that switch from fossil fuels to cleaner energy sources. |
| Fugitive | Projects that capture fugitive emissions from industrial processes. |
| Geothermal | Projects that generate energy from geothermal sources. |
| Hydro | Projects that generate electricity from hydroelectric sources. |
| Landfill gas | Projects that capture and utilize landfill gas for energy production. |
| Methane avoidance | Projects that avoid methane emissions through various methods. |
| N2O | Projects that reduce emissions of nitrous oxide (N2O). |
| PFCs and SF6 | Projects that reduce emissions of perfluorocarbons (PFCs) and sulfur hexafluoride (SF6). |
| Reforestation | Projects that involve the reforestation of land. |
| Solar | Projects that generate electricity from solar power. |
| Tidal | Projects that generate electricity from tidal energy. |
| Transport | Projects aimed at reducing emissions from transport. |
| Waste | Projects aimed at reducing waste and emissions from waste management. |
| Wind | Projects that generate electricity from wind power. |

Table 9(a)  
**Metric: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | The metric used to measure the ITMO |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | true |
| Naming in AEF | Metric |
| Technical name | Metric |
| List of values | See table 9(b) below |

Table 9(b)  
**Metric: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| GHG | ITMO is measured in tonnes Carbon Dioxide equivalent |
| non-GHG | ITMO is not measured in tonnes Carbon Dioxide equivalent |

Table 10  
**GWP Values: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | If the mitigation outcome involves a non-CO2 greenhouse gas(es), the global warming potential (GWP) value(s) applied, consistent with the relevant CMA decisions (e.g.,'100-year values from 5th assessment report by the IPCC'). |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | false |
| Naming in AEF | Applicable GWP value(s) |
| Technical name | GWPValues |
| List of values | Not available |

Table 11  
**Non-GHGMetric: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Type of non-GHG metric applied (e.g., ‘megawatt hours of renewable electricity generation’). This field should be reported as ‘Not applicable’ (NA) if the ITMOs are in a GHG metric. |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | false |
| Naming in AEF | Applicable GWP value(s) |
| Technical name | Non-GHGMetric |
| List of values | Not available |

Table 12  
**Quantity CO2: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Quantity of ITMOs in metric tons of CO2 equivalent. |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | integer |
| Required | true |
| Naming in AEF | Quantity (t CO2 eq) |
| Technical name | QuantityCO2 |
| List of values | Not available |

Table 13  
**Quantity non-GHG: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Quantity of ITMOs in the respective non-GHG metric. This field should be reported as ‘Not applicable’ (NA) if the ITMOs are in a GHG metric. |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | integer |
| Required | false |
| Naming in AEF | Quantity (in non-GHG metric) |
| Technical name | QuantityNon-GHG |
| List of values | Not available |

Table 14(a)  
**Mitigation type: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | "Emission reductions", "Removals", "Emission reductions and removals". |
| Mandate(s) | 6.2/CMA15, Annex II, Table 3 |
| Type | string |
| Required | true |
| Naming in AEF | Mitigation type |
| Technical name | MitigationType |
| List of values | See table 14(b) below |

Table 14(b)  
**Mitigation type: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| Emission reductions | Emission reductions only |
| Removals | Removals only |
| Emission reductions and removals | Both emission reductions and removals |

Table 15(a)  
**Action Type: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Actions to be reported by Partipating Parties, pursuant Decision 2/CMA.3, Annex, paragraph 20(a), paragraph 29. |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) Decision 2/CMA.3, Annex, paragraph 20(a), paragraph 29. |
| Type | string |
| Required | true |
| Naming in AEF | Action type |
| Technical name | ActionType |
| List of values | See table 15(b) below |

Table 15(b)  
**Action Type: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| Authorization | Used when reporting the authorization of an ITMO. |
| First transfer | Used when reporting the international transfer of an ITMO. |
| Transfer | Used when reporting the international transfer of an ITMO. |
| Acquisition | Used when reporting the international acquisition of an ITMO. |
| Use | Used when reporting the use of an ITMO. |
| Cancellation | Used when reporting the cancellation of an ITMO. |
| Voluntary Cancellation | Used when reporting the cancellation of an ITMO. |

Table 16(a)  
**Purpose for Authorization: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Purpose for authorization of ITMOs |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | true |
| Naming in AEF | Purposes for authorization |
| Technical name | PurposeForAuthorization |
| List of values | See table 16(b) below |

Table 16(b)  
**Purpose for Authorization: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| NDC | ITMOs that are authorized to be used towards NDC (nationally determined contribution) achievement. |
| OIMP | ITMOs that are authorized to be used for cancelled for OIMP (other international mitigation purposes). |
| IMP | ITMOs that are authorized to be used for cancelled for IMP (international mitigation purposes). |
| OP | ITMOs that are authorized to be used for cancelled for OP (other purposes). |
| NDC and OIMP | ITMOs that are authorized to be used towards NDC (nationally determined contribution) achievement; and be used or cancelled for OIMP (other international mitigation purposes). |
| NDC and IMP | ITMOs that are authorized to be used towards NDC (nationally determined contribution) achievement; and be used or cancelled for IMP (international mitigation purposes). |
| NDC and OP | ITMOs that are authorized to be used towards NDC (nationally determined contribution) achievement; and be used or cancelled for OP (other purposes). |

Table 17  
**Purpose: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Purpose for which ITMO has been used towards IMP or cancelled for OP. Only applicable to action types "Use" and "Cancellation". |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | false |
| Naming in AEF | Purposes for which ITMO has been used towards or cancelled for OIMP |
| Technical name | Purpose |
| List of values | Not available |

Table 18(a)  
**First Transfer: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Definition of "first transfer" pursuant to decision, 2/CMA.3, Annex, paragraph 2. Therefore defines the "First Transferring Party.". |
| Mandate(s) | Definition of "First Transferring Party". |
| Type | string |
| Required | false |
| Naming in AEF | Definition of "First transferring participating Party ID". |
| Technical name | FirstTransfer |
| List of values | See table 18(b) below |

Table 18(b)  
**First Transfer: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| First international transfer | First transfer defined for ITMOs that are authorized for NDC pursuant 2 (a), Annex, 2/CMA.3. |
| Authorisation | First transfer defined for ITMOs that are authorized for OIMP pursuant 2 (b)(1) Authorisation, Annex, 2/CMA.3. |
| Issuance | First transfer defined for ITMOs that are authorized for OIMP pursuant 2 (b)(2) Issuance, Annex, 2/CMA.3. |
| Use or Cancellation | First transfer defined for ITMOs that are authorized for OIMP pursuant 2 (b)(3) Use or Cancellation, Annex, 2/CMA.3. |

Table 19  
**Participating Party: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Standard codes for identifying participating parties under Article 6.2 of the Paris Agreement. ISO-3166-1 alpha-3 code of the Party's country. Exceptionally reserved code elements, such as EUE for the European Union, are also allowed. |
| Mandate(s) | Decision 6/CMA.4 paragraph 17 (j) |
| Type | string |
| Required | false |
| Naming in AEF | First transferring participating Party IDParty ITMO registry IDTransferring participating Party IDAcquiring participating Party IDUsing/cancelling participating Party IDUsing/cancelling authorized entity ID |
| Technical name | ParticipatingParty |
| List of values | Not available |

Table 20(a)  
**Account Type: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Minimum Account Types supported by the mechanism registry, under Article 6.4, Decision 7.CMA.4, Annex I - paragraph 32 |
| Mandate(s) | TBD |
| Type | integer |
| Required | false |
| Naming in AEF | not applicable |
| Technical name | AccountType |
| List of values | See table 20(b) below |

Table 20(b)  
**Account Type: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| 100 | Holding. Account Type which may acquire A6.4ERs or CERs tracked in the mechanism registry. |
| 110 | Pending. Account type to which all A6.4ERs or CERs shall be issued. |
| 200 | Retirement. Account type for retirement of A6.4ERs and CERs. |
| 300 | Share of Proceeds of Adaptation. Account type which receives A4.6ERs in accordance with paragraph 58 of the RMPs. |
| 400 | Voluntary cancellation for other purposes. Account type for voluntary cancellation of A6.4ERs for other purposes. |
| 410 | Mandatory cancellation for OMGE. Account type for mandatory cancellation of A6.4ERs for OMGE in accordance with paragraph 59 of the RMPs. |
| 420 | Voluntary cancellation for OMGE. Account type for voluntary cancellation of A6.4ERs for OMGE in accordance with paragraph 70 of the RMPs. |
| 430 | Cancellation for OIMP. Account type for cancellation of A6.4ERs for OIMP. |
| 440 | Administrative cancellation. Account type for administrative cancellation of A6.4ERs and CERs tracked in the mechanism registry for corrective actions and other purposes, as necessary. |

Table 21(a)  
**Unit Type: metadata**

| *Element* | *Value* |
| --- | --- |
| Description | Article 6 unit types |
| Mandate(s) | TBD |
| Type | integer |
| Required | false |
| Naming in AEF | not applicable |
| Technical name | UnitType |
| List of values | See table 21(b) below |

Table 21(b)  
**Unit Type: list of values and descriptions**

| *Value* | *Description* |
| --- | --- |
| 62 | ITMO |
| 64 | A6.4ER |
| 65 | A6.4ER (from CER) |
| 67 | MCU |

1. FCCC/SBSTA/2024/7, para. 131. [↑](#footnote-ref-1)