

Japan's Submission on 6.2

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1. Options for the tables and outlines for reporting

1-1. Initial Report

- ◆ We suggest that the reporting format should be elaborated using a template.
- ◆ It is not clear where to submit the initial reports in decision 2/CMA.3.
- ◆ Clarifying the temporary procedure, such as uploading the initial reports on the UNFCCC website, is necessary.

Appendix 1

Initial report (draft outlines)
IV. Reporting
A. Initial report
[FCCC/PA/CMA/2021/10/Add.1/p18, 19]

Party: _____
Submission date: _____

Demonstrate that the participating Party fulfils the participation responsibilities referred to in chapter II above (Participation); [para18(a)]

e.g. Arrangements for authorization of ITMOs, Arrangements for Tracking of ITMOs, most recent national inventory report, etc.

Provide, where the participating Party has not yet submitted a biennial transparency report, the information referred to in paragraph 64 of the annex to decision 18/CMA.1; [para18(b)]

e.g. Description of NDC(target(s), target year, period, scope and coverage), etc.

Communicate the ITMO metrics and the method for applying corresponding adjustments as per chapter III.B above for multi- or single-year NDCs that will be applied consistently throughout the period of NDC implementation and where the method is a multi-year emissions trajectory, trajectories or budget, describe the method; [para18(c)]

e.g. ITMO metrics; method for applying corresponding adjustments, etc.

Quantify the Party's mitigation information in its NDC in t CO₂ eq, including the sectors,

1-2. Annual Information (1/2)

- ◆ The information to be reported in the annual information is quantitative information related to the authorization, transfer of ITMOs, their use towards NDC and other international mitigation purposes, and their supplementary information.
- ◆ There is basic information on reporting in “Report Information” sheet.
- ◆ Annual information to be reported is defined in para 20 (a) and (b) of 62 guidance

Decision –/CMA.3 Para 20 Annual Information

- | | |
|-----|--|
| (a) | <i>authorization of ITMOs for use towards achievement of NDCs</i>
<i>authorization of ITMOs for use towards other international mitigation purposes</i>
<i>first transfer</i>
<i>transfer</i>
<i>acquisition</i>
<i>holdings</i>
<i>cancellation</i>
<i>voluntary cancellation</i>
<i>voluntary cancellation of mitigation outcomes or ITMOs towards overall mitigation in global emissions</i>
<i>use towards NDCs</i> |
| (b) | <i>the cooperative approach</i>
<i>the other international mitigation purposes authorized by the Party</i>
<i>the first transferring participating Party</i>
<i>the using participating Party or authorized entity or entities</i>
<i>the year in which the mitigation occurred</i>
<i>the sector(s) and activity type(s)</i>
<i>the unique identifiers</i> |

1-2. Annual Information (2/2)

- ✓ “ITMOs information” sheet has all information required by paragraph 20(a) and (b) of the annex to decision 2/CMA3, on the basis of unique identifiers.
- ✓ Table.1 Annual information: It is for filling in authorization / transaction / cancellation / use.

Always fill in for transparency

Fill in when processed

Table.1 Annual information

Unit	Quantity	Authorization of First Transferring Party							Acquisition (first Transfer)	Acquisition (other than first transfer)	Transfer (other than first transfer)	Cancellation	Use towards NDCs		
		Unique identifier (from start number - to end number)	First Transferring Participating Party	Name of the Cooperative Approach	Year in which the mitigation occurred	Sector(s)	Activity type(s)	Date of Authorization (Transferring Party)						Purposes for Authorization (select)	(Specify, if any)
XXXX-XXXX	10,000	AA	ABC	2022	Energy	Reduction	1-Mar-23	(a) Use							
XXXY-XXXY	20,000	AA	ABC	2023	Energy	Reduction	1-Apr-23	(a) Use towards CORSIA							
XXYZ-XXYZ	30,000	AA	ABC	2023	Afforestation	Removal	1-May-23	(b) Use for international voluntary markets							
XXXX-XXXX	10,000	AA	ABC	2022	Energy	Reduction	1-Mar-23	(c) Use for other (a) & (b)		BB	1-Mar-23				
XXXY-XXXY	20,000	AA	Art 6.4	2022	Energy	Reduction	1-Mar-23	(a) & (b) & (c)		BB	1-Mar-23				
XXYZ-XXYZ	30,000	CC	Art 6.4	2022	Industry	Reduction	1-Mar-23	(a) & (b) & (c)		AA	1-Mar-23				
XXXX-XXXX	10,000	DD	Art 6.4	2022	Energy	Reduction	1-Mar-23	(b) Use for CORSIA				EE			

Selectable
 (a) Use towards achievement of NDCs
 (b) Use for international mitigation purposes
 (c) Use for other international mitigation purposes

Selectable
 • Cancellation
 • Voluntary cancellation
 • Voluntary cancellation of mitigation outcomes or ITMOs towards OMGEs
 • Others

1-2. Annual Information(2/2)

✓ Table.2 Holdings: It is for the summary of information on holding account in a given year

Table.2 Holdings		Authorization of First Transferring Party							
Unit		First Transferring Participating Party	Name of the Cooperative Approach	Year in which the mitigation occurred	Sector(s)	Activity type(s)	Date of Authorization (Transferring Party)	Purposes for Authorization (select)	(Specify, if any)
XXXX-XXXX	10,000	AA	ABC	2022	Energy	Reduction	1-Mar-23	(a) Use towards achievement of NDCs	
XXXY-XXXY	20,000	AA	ABC	2023	Energy	Reduction	1-Apr-23	(b) Use for international mitigation purposes	CORSIA
XXXZ-XXYZ	30,000	AA	ABC	2023	Afforestation	Removal	1-May-23	(b) & (c)	Voluntary markets
XXXX-XXXX	10,000	CC	Art 6.4	2022	Energy	Reduction	1-Mar-23	(a) & (b) & (c)	

1-3. Regular information

- ✓ The regular information required in paragraphs 21 and 22 in the annex to decision/CMA3 will be reported in Annex IV “Information in relation to the Party's participation in cooperative approaches, as applicable” in section IX of Annex IV to decision 5/CMA.3, decision on transparency.
- ✓ regarding the contents required for reporting in Annex IV above, an outline of reporting can be referred, so it is desirable to have a template in line with paragraphs 21 and 22 in the annex to decision 2/CMA.3.
- ✓ It is desirable to have a template in line with paragraphs 21 and 22 in the annex to decision 2/CMA.3.

Appendix 3

Regular information (draft outlines)

Annex IV: Information in relation to the Party's participation in cooperative approaches, as applicable
[FCCC/PA/CMA/2021/10/Add.2, p41]

Party: _____

Submission date: _____

How it is fulfilling the participation responsibilities referred to in chapter II above (Participation); [para21(a)]

e.g. Arrangements for authorization of ITMOs, Arrangements for Tracking of ITMOs, most recent national inventory report . etc.

Updates to the information provided in its initial report as per chapter IV.A above, and any previous biennial transparency reports for any information that is not included in the biennial transparency report pursuant to paragraph 64 of the annex to decision 18/CMA.1; [para21(b)]

e.g. Description of NDC(target(s), target year, period, scope and coverage).etc.

Authorizations and information on its authorization(s) of use of ITMOs towards achievement of NDCs and authorization for use for other international mitigation purposes, including any changes to earlier authorizations, pursuant to Article 6, paragraph 3; [para21(c)]

e.g. authorization(s) of use of ITMOs. etc.

2. Views on options for implementing the infrastructure requirements referred to in chapter VI of the annex (recording and tracking)

2. Overview of A6 Recording and Tracking Infrastructure

A64 Mechanism Registry

- The mechanism registry shall contain at least an account for pending, holding, retirement, cancellation, cancellation towards OMGE, and SOP-adaptation, and a holding account for each Party and each public or private entity (FCCC/PA/CMA/2021/10/Add.1,p37, para 63)
- The mechanism registry shall be connected to the intl registry (FCCC/PA/CMA/2021/10/Add.1,p37, para 63)
- The mechanism registry shall be developed and operationalized in accordance with the relevant requirements adopted by the SB (FCCC/PA/CMA/2021/10/Add.1,p37, para 64)
- The secretariat shall serve as administrator (FCCC/PA/CMA/2021/10/Add.1,p37, para 64)

A62 International Registry

- The secretariat shall implement an international registry for participating Parties that do not have or do not have access to a registry. The intl registry shall be able to perform the functions set out in para 29. (A62 para 30)
- The intl registry shall be part of the CARP. (A62 para 31)

Registry for Cooperative Approach

Each participating Party shall:

- Have (access to) a registry for the purpose of tracking
- Ensure such registry records, including through unique identifiers:
 - ✓ authorization, first transfer, transfer, acquisition, use towards NDCs, authorization for use towards other international mitigation purposes, and voluntary cancellation
- Have accounts as necessary. (FCCC/PA/CMA/2021/10/Add.1,p23,para29)

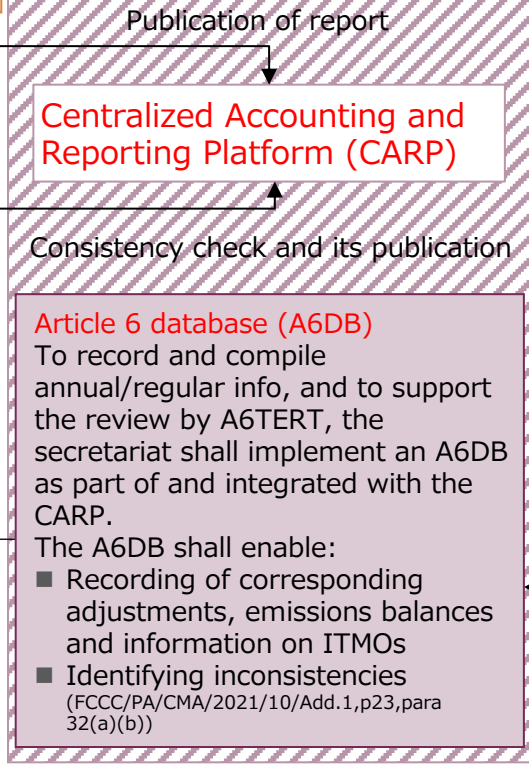
Article 6 technical expert review team (A6TERT) shall:

- Review the initial report and regular info (FCCC/PA/CMA/2021/10/Add.1,p22,paras 25,26)
- Prepare a report including recommendations to participating Parties (FCCC/PA/CMA/2021/10/Add.1,p22, para 27)
- Forward its reports for consideration by A13TERT and make them publicly available on the CARP (FCCC/PA/CMA/2021/10/Add.1,p22, para 28)

Provide relevant info

The secretariat shall:

- Check the consistency of reported info, notify the participating Parties of any identified inconsistencies, and make non-confidential info in the consistency check publicly available on the CARP (FCCC/PA/CMA/2021/10/Add.1,p23, para 33(a)(b)(d))
- Provide relevant info including the consistency check to the A6TERT (FCCC/PA/CMA/2021/10/Add.1,p23, para 33(c))



Centralized Accounting and Reporting Platform (CARP)

Consistency check and its publication

Article 6 database (A6DB)

To record and compile annual/regular info, and to support the review by A6TERT, the secretariat shall implement an A6DB as part of and integrated with the CARP. The A6DB shall enable:

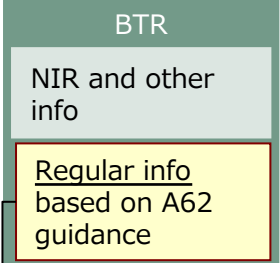
- Recording of corresponding adjustments, emissions balances and information on ITMOs
- Identifying inconsistencies (FCCC/PA/CMA/2021/10/Add.1,p23,para 32(a)(b))

Based on info stored in each registry...

Participating Parties shall submit:

- Annual info (FCCC/PA/CMA/2021/10/Add.1,p19,B)
- Regular info (FCCC/PA/CMA/2021/10/Add.1,p20,C), included in a structured summary

Annual info required in FCCC/PA/CMA/2021/10/Add.1,p19,para 20(a)(b) in electronic format



Submitted for recording in A6DB (FCCC/PA/CMA/2021/10/Add.1,p19,para20 p21,para23)

Transmitted to online portal (Decision 18/CMA.1 Annex para 15)

Online Portal maintained by the secretariat

2-1.Overarching issues

(1) Technical aspects

- ✓ **A technical specification needs to be developed for each registry of participating Parties, the international registry, and the Article 6.4 mechanism registry. The technical specification should also include security specifications.**
- ✓ **Each registry system does not necessarily record in real-time changes in credit status such as issuance, transfer, use and cancellation.**

(2) Procedural aspects

- ✓ **Following the example of the mechanisms implemented under the Kyoto Protocol, the registry system administrators' meeting may be established as a place to share and discuss common issues (e.g., security issues) to be addressed for each registry system.**
- ✓ **Parties should discuss and decide an appropriate financing scheme necessary for implementing the international registry. We believe it is important to develop a stable and predictable financing scheme where participating Parties using the international registry will bear an appropriate cost for developing and maintaining infrastructure.**

2-2.Registry of participating Parties(1/4)

(1) Specification to registry

**Standardized electronic database,
Conforming to technical standards, Open
and Close accounts, Issue and hold units
Record**

(3) Specification in relation to issued credits (units)

**Country code defined by ISO 3166,
Program/scheme identifier, Project identifier,
Vintage year, Unique number of credit.**

(2) Specification to accounts

**Holding account (s), One retirement account,
Cancellation account(s)
Other cancellation account (s) , as applicable.
Buffer account (s)**

(4) Specification in relation to operation of registry

**Each participating Party designates an
national authority as its registry manager to
maintain its registry, and develops and
makes publicly available rules and
guidelines necessary for operating the
registry.**

(5) Specification in relation to publicly accessible information

**Each registry of participating Parties makes
non-confidential information publicly
available and provide a publicly accessible
user interface through the Internet that
allows interested persons to query and view
it.**

2-2. Registry of participating Parties (2/4)

(1) Specification to registry

The registry of each participating Party should have the following elements:

- Being in the form of a standardized electronic database and conforming to technical standards to be developed and adopted by the CMA;
- Being able to open and close accounts;
- Being able to issue and hold units;
- Being able to record, including through unique identifiers, authorization, first transfer, transfer, acquisition, use towards NDCs, authorization for use towards other international mitigation purposes and voluntary cancellation (including for overall mitigation in global emissions) This information could be recorded by a website which reflects information of the registry.

(2) Specification to accounts

The registry of each participating Party should have the following accounts:

- One holding account for the participating Party
- Holding account (s) for legal entity(ies) authorized by the participating Party;
- One retirement account for use towards NDC of the participating Party;
- Cancellation account(s) for use towards other international mitigation purposes;
- Other cancellation account (s) , as applicable.
- Buffer account (s) for ITMOs generated from removals to cope with the event that the reversal of removals occurs, as applicable.

Each account within the registry has a unique account number comprising the following elements:

- Party identifier: the participating Party which manages the registry in which the account is maintained, identified by means of the two-letter country code defined by the International Organization for Standardization (ISO 3166);
- A unique number: a number unique to that account.

2-2. Registry of participating Parties (3/4)

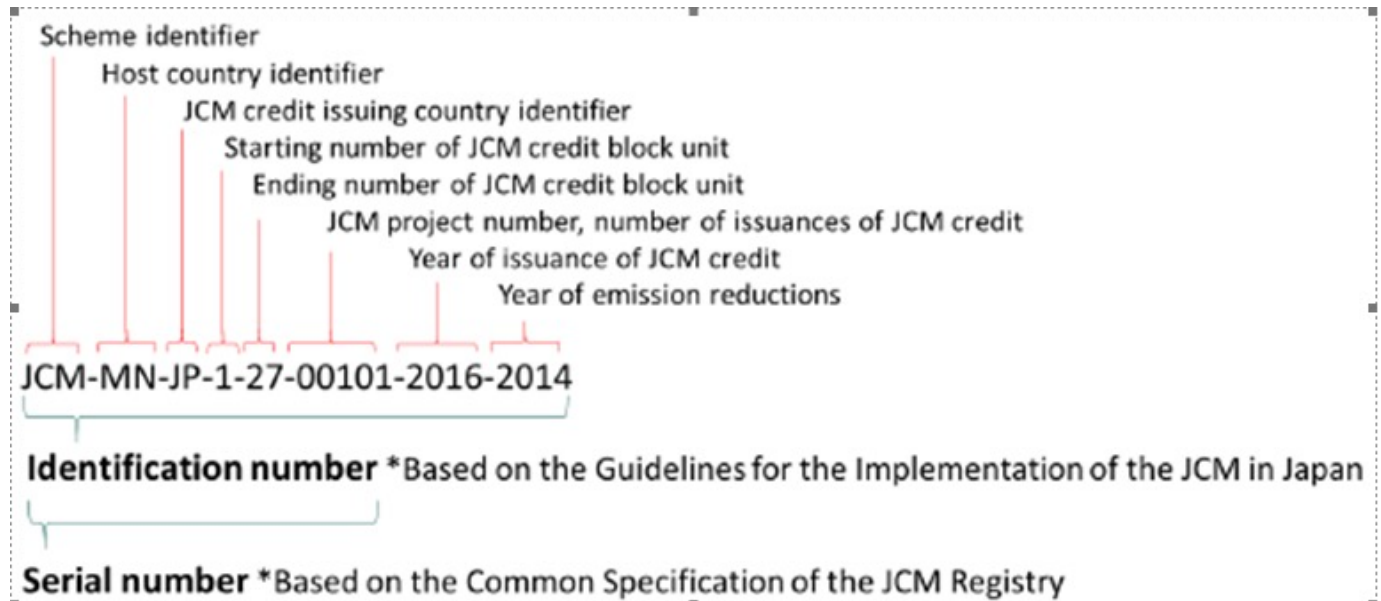
(3) Specification in relation to issued credits (units)

Each credit is held in only one account in one registry at a given time and has a unique serial number comprising the following elements:

- Host Party identifier, using the two-letter country code defined by ISO 3166;
- Program/scheme identifier, for identifying the program/scheme from which the credit is issued;
- Project identifier, unique to the project activity of the program/scheme;
- Vintage year, for identifying the year in which the emission reductions/removals are achieved, identified by a four-digit number showing its vintage year;
- Unique number of credit.

The credits managed within the registry have attributes to identify whether they are authorized by participating Parties for use towards NDCs and/or for other international mitigation purposes. This information could be disclosed by a website which reflects information of the registry.

- Each JCM credit has a unique serial number comprising the following elements;



2-2. Registry of participating Parties (4/4)

(4) Specification in relation to operation of registry

Each participating Party designates an national authority as its registry manager to maintain its registry, and develops and makes publicly available rules and guidelines necessary for operating the registry.

Transfers of credits from a registry of a participating Party to another registry (e.g., a registry of another participating Party and the international registry) may be implemented in the following manner:

- To transfer credits from a registry of a participating Party to another registry, the credits are cancelled in the registry of the participating Party first, and then credits corresponding to that cancelled amount are issued in the recipient registry.**
- To acquire credits from another registry to a registry of a participating Party, the credits are cancelled in the transferring registry first, and then credits corresponding to that cancelled amount are issued in the registry of the acquiring Party.**

(5) Specification in relation to publicly accessible information

Each registry of participating Parties makes non-confidential information publicly available and provide a publicly accessible user interface through the Internet that allows interested persons to query and view it. The information includes:

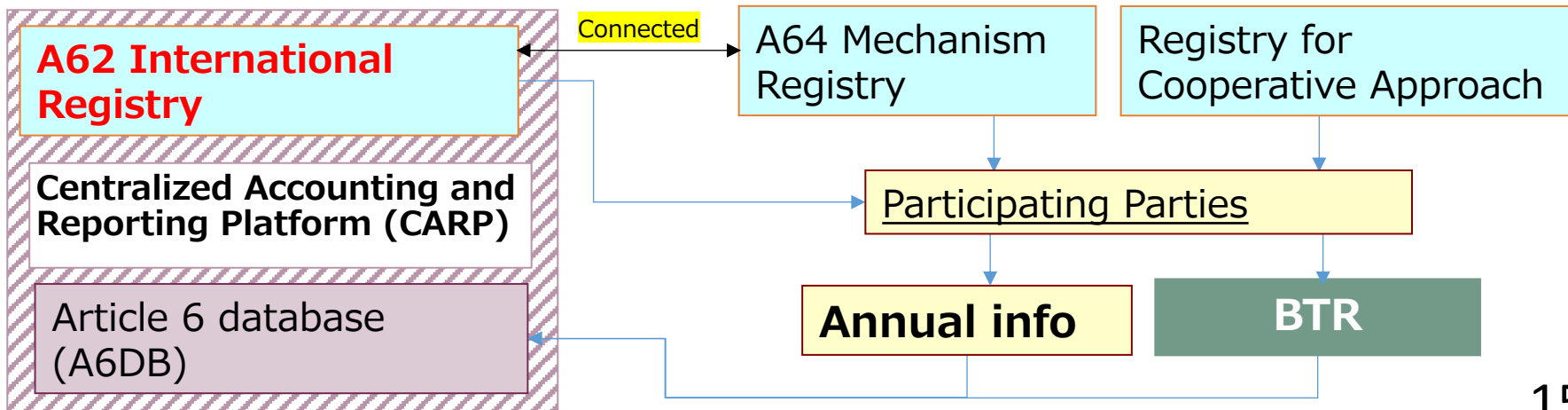
- Up-to-date information of the account holding entity's name**
- The total amount of credits in each account at the end of the year;**
- The total amount of credits issued;**
- The total amount of credits retired for use towards NDC of the participating Party;**
- The total amount of credits cancelled for use towards other international mitigation purposes;**
- The total amount of credits cancelled;**
- The total amount of credits held in buffer account(s), as applicable.**

2-3. International registry

3. Possible elements for guidance on the international registry

The possible elements for specification in relation to the international registry are the same as stated in 2. except those in relation to operation of registry (2 (4)). The specification in relation to operation of registry changes as follows:

- The UNFCCC secretariat maintains and operates the international registry and allocates one registry for a program/scheme of a participating Party.
- Transfers of credits from the international registry to another registry may be implemented in the following manner:
- To transfer credits from the international registry to another registry, the credits are cancelled in the international registry first, and then credits corresponding to that cancelled amount are issued in the recipient registry.
- To transfer credits from another registry to the international registry, the credits are cancelled in the transferring registry first, and then credits corresponding to that cancelled amount are issued in the international registry.



2-4. Article 6 database

(1) Specification in relation to system

The Article 6 database is a system which compiles the information submitted by participating Parties pursuant to chapter IV of the annex.

Instead of showing simple data in rows and columns on one sheet, this system may have a multi-layered structure such as a relational database.

(2) Specification in relation to function

The Article 6 database should perform the following functions:

- Recording of corresponding adjustments and emissions balances and information on ITMOs first transferred, transferred, acquired, held, cancelled, cancelled for overall mitigation in global emissions, if any, and/or used by participating Parties, through identification of ITMOs by unique identifiers that identify, at the minimum, the participating Party, vintage of underlying mitigation, activity type and sector(s);
- This function will be performed by compiling the annual and regular information submitted by participating Parties.
- Compiling reported information by participating Parties, identifying inconsistencies, if any, and notifying to the participating Party (ies).
- The notification will be sent by the UNFCCC secretariat. The Article 6 database does not have functions which enables the system to automatically notify the participating Party (ies) for its inconsistency.

The secretariat shall:

- Check the consistency of reported info
- Provide relevant info including the consistency check to the A6TERT

**Article 6 database
(A6DB)**

Annual info

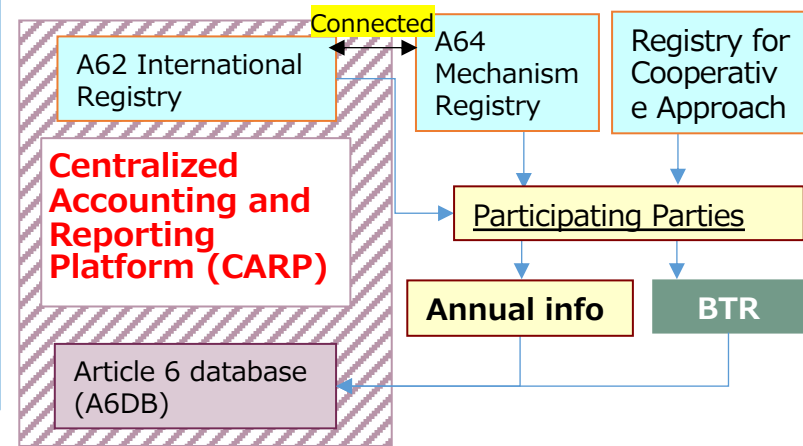
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2-5. CARP

(1) Specification in relation to the CARP

A platform which integrates the international registry and Article 6 database, and display any information by a user-friendly interface on the website with drop-down list function.

- **Compilation and Accounting Data - First commitment period of the Kyoto Protocol ;**
- **GHG data from UNFCCC .**



(2) Specification in relation to function

The CARP performs the following functions for enhanced transparency:

- **Making non-confidential information in the consistency check publicly available and notifying to the relevant participating Party(ies);**
- **Making publicly available those reports prepared by the Article 6 technical expert review team pursuant to chapter V of the annex;**
- **Listing information on:**
 - **Amount of ITMOs authorized, by each Party, by year of authorization, by each cooperative approach, and by purpose of authorization (for use towards NDCs or other international mitigation purposes);**
 - **Amount of ITMOs first transferred, by each Party, by year of first transfer, by acquiring Party (ies), and by each cooperative approach;**
 - **Amount of ITMOs used and canceled, by each Party, by year, by originating Party (ies), and by each cooperative approach;**
 - **Amount of ITMOs first transferred and transferred from a Party to another Party during a given period, with the name of each Party.**
- **Listed information on GHG emissions and emission balance with (indicative) corresponding adjustments applied for each Party for each year.**

2-5. Image of CARP

Ex. GHG data from UNFCCC

<https://unfccc.int/process-and-meetings/transparency-and-reporting/greenhouse-gas-data/ghg-data-unfccc/ghg-data-from-unfccc>

Greenhouse Gas Inventory Data - Detailed data by Party [?]

Please select Party, Inventory Year, Category, Gas and Unit.

Japan

1990, 1994, 1995, 1996, 2000, 2005, 2010 and last year

Totals

CO₂

kt

Query results for — Party: Japan — Years: 1990, 1994, 1995, 1996, 2000, 2005, 2010 and last year — Category: Totals — Gas: CO₂ — Unit: kt

Export to Excel Export to CSV Printer Friendly Version

Category	1990	1994	1995	1996	2000	2005	2010	Last Inventory Year (2019)
Total GHG emissions without LULUCF including indirect CO ₂	1,163,543.40	1,232,121.51	1,244,375.84	1,256,316.71	1,268,672.82	1,293,623.12	1,217,278.17	1,107,939.52
Total GHG emissions with LULUCF including indirect CO ₂	1,097,872.83	1,151,948.55	1,164,816.91	1,172,566.81	1,183,642.98	1,204,572.80	1,147,040.29	1,057,543.02
Total GHG emissions without LULUCF	1,158,007.41	1,227,273.01	1,239,619.83	1,251,530.85	1,264,374.64	1,290,371.06	1,214,816.23	1,105,881.14
Total GHG emissions with LULUCF	1,092,336.84	1,147,100.05	1,160,060.90	1,167,780.95	1,179,344.81	1,201,320.74	1,144,578.35	1,055,484.64