

Article 6 Infrastructure

(based on submissions and texts from SBSTA56)

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Discussion questions

- What are the areas where clear distinction and understanding of concepts and terminologies is required?
- What is the process of establishing linkage between national and international registry, Article 6 database and CARP?
- What will be the functions of the international registries? Who will be able to access these registries?
- What will be the process of recording and tracking infrastructure particularly Art 6.4 units? Who will operate this process?
- What will be the level of disintegration of the information reported? What information will be made available in the public domain?
- What will trigger in the registry for the CA and reconciliation to occur?

1. What could be the contentious issues: A6.2?

A6.2 informal note from SBSTA 56(Ver. of 14 June)

B. Infrastructure

31. General views	Real-time integration should be possible for Parties that wish so;	It may be useful to provide flexibility to Parties to report information on authorizations, transfers and other transactions in real time;		
	Registries may be different, whereby some registries hold assets and other track records or both;	National registries must serialize units and track them through their life cycle, including authorization;	National registries do not track issuance or units, but rather reflect the movement of assets in the underlying registries;	
32. Registries	For the purposes of traceability, there is a need to determine how national registries will communicate with one another;	National registries do not need to connect to one another but do need to link through the CARP and the international registry;	National registries can, but do not have to, connect to the international registry;	There is no requirement for a link between registries that Parties have, or have access to, and any other system, as per chapter VI of the guidance;

2. What could be the contentious issues: A6.4?

A6.4 informal note from SBSTA 56(Ver. of 14 June)

E. The mechanism registry

16. Regarding the operation of the mechanism registry:

It has links to national or international registries for cooperative approaches under Article 6, paragraph 2 (6.2 registries) and the CDM registry, therefore needs to be considered under an overall programme covering all these registries as an integrated infrastructure;

It may be a registry system with optional links to national registries without necessitating holding and transfer of units across registries or may be an integrated system where Parties have accounts and sub-accounts therein;

The mechanism registry does not deal with trading of units;

It can learn from the best practice of ICAO-CORSIA;

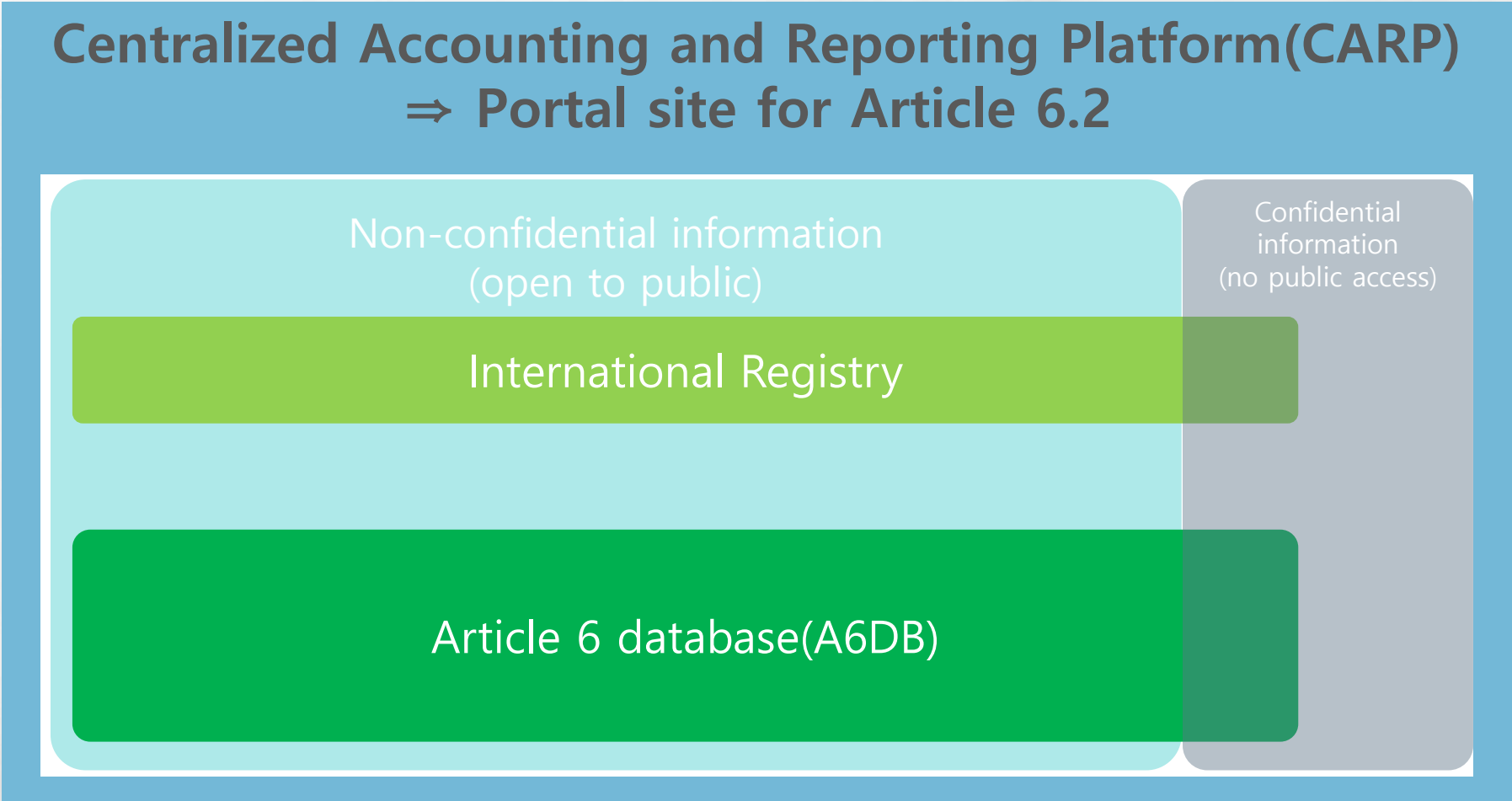
There is no consensus that ICAO-CORSIA applies the best practice;

What is the best practice is to be determined by the SBSTA/CMA;

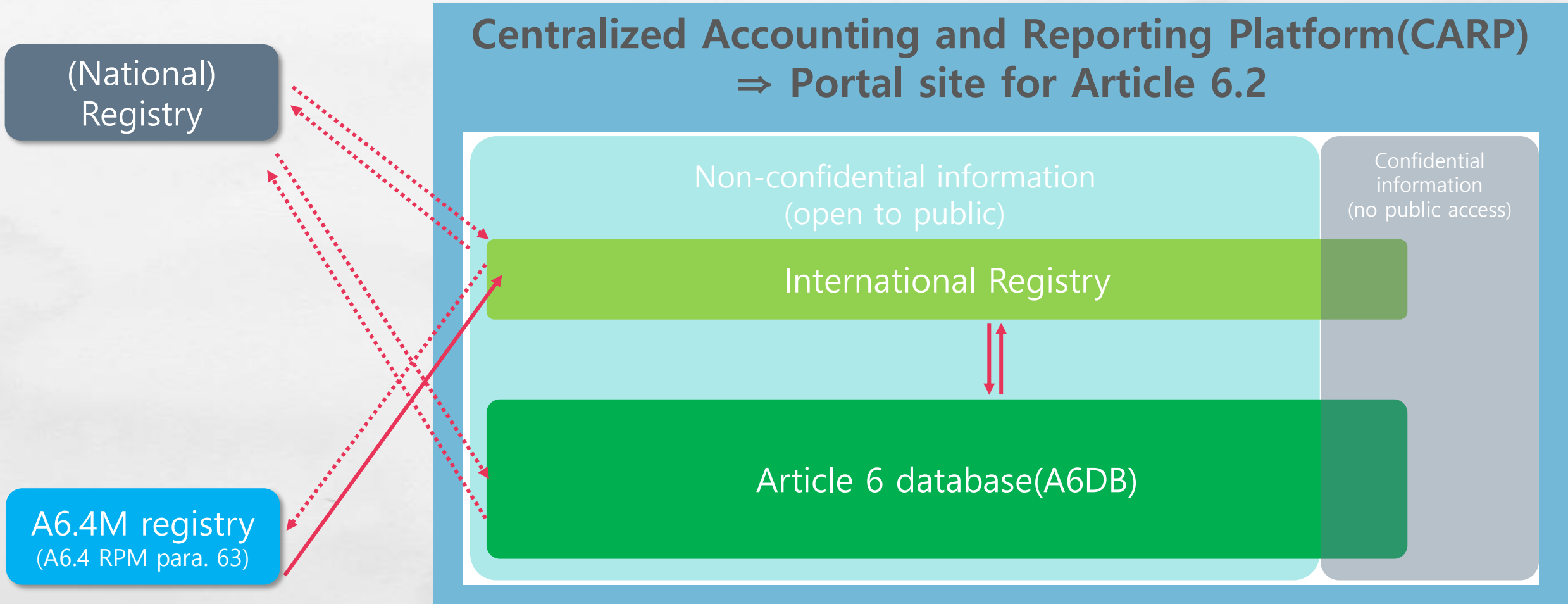
3. Understanding the distinctive function of each infrastructure

(National) Registry

A6.4M registry
(A6.4 RPM para. 63)



4. Understanding the linkage/connection across the infrastructure incl. direction of information flow



- Direction of information flow: confirmed by A6.2 and 6.4 rulebooks
- Direction of information flow: need to be defined by further guidance.

5. Understanding the terminologies

Registries

- Definition of each unique identifier and their combination
- Needs of common terminologies of information elements between registries and A6DB (applicable, authorization, first transfer, transfer, acquisition, use towards NDCs, authorization for use towards other international mitigation purposes, and voluntary cancellation (incl. OMGE))

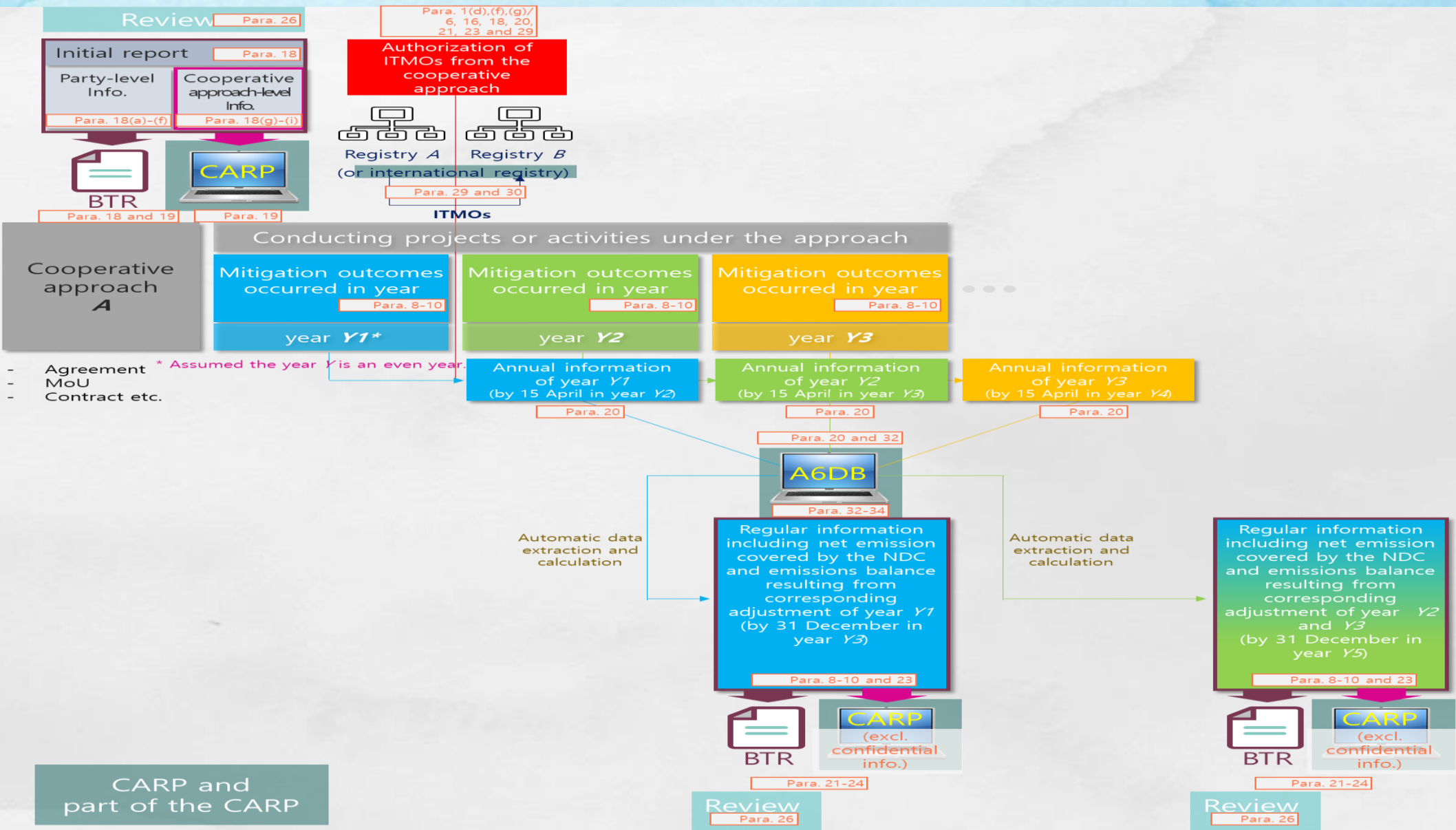
A6DB

- Definition of information elements required to the initial report
 - annual, authorization, holding, cancellation and voluntary cancellation, sector, activity type etc.

CARP

- Definition or criteria to identify confidential information

6. Trigger in the registry for the CA and reconciliation (1)



6. Trigger in the registry for the CA and reconciliation (2)

Reporting Party	Republic of Korea
Reported year	2023

Cooperative approach		Other int'l mitigation purpose		First transferring Party		Using Party		Vintage year	Sector(s)		Activity type(s)		Authorization for NDC	Authorization for OIMP	First transfer	Transfer	Acquisition	Cancellation (incl. voluntary cancellation)	Voluntary cancellation for OMGE	Use towards NDC	Holdings (net-balance)
Name	ID. No.	Operating org.	Mech.	Name	Code	Name	Code		Sector	Code	Type	Code									
Landfill gas capture project	01-MX-01-23-XX-XX-01	N/A	N/A	Mexico	MX	Republic of Korea	KR	2023	Waste	XX	Landfill gas capture	XX	100	0	0	0	100	0	5	20	75
Clean energy initiative	01-KR-02-23-XX-XX-01	ICAO	CORSIA	Republic of Korea	KR	Mexico	MX	2023	Energy	XX	Fuel switch	XX	0	200	200	0	0	0	0	0	-200
Annual total													100	200	200	0	100	0	5	20	-125

Trigger for CA

Trigger for CA

Quantity for CA=200-20=180

Reporting Party	Republic of Korea
Reported year	2024

Cooperative approach		Other int'l mitigation purpose		First transferring Party		Using Party		Vintage year	Sector(s)		Activity type(s)		Authorization for NDC	Authorization for OIMP	First transfer	Transfer	Acquisition	Cancellation (incl. voluntary cancellation)	Voluntary cancellation for OMGE	Use towards NDC	Holdings (net-balance)
Name	ID. No.	Operating org.	Mech.	Name	Code	Name	Code		Sector	Code	Type	Code									
Landfill gas capture project	01-MX-01-23-XX-XX-01	N/A	N/A	Mexico	MX	Republic of Korea	KR	2023	Waste	XX	Landfill gas capture	XX	0	0	0	0	0	0	0	30	-30
Landfill gas capture project	01-MX-01-24-XX-XX-01	N/A	N/A	Mexico	MX	Republic of Korea	KR	2024	Waste	XX	Landfill gas capture	XX	200	0	0	0	200	0	20	20	160
Clean energy initiative	01-KR-02-24-XX-XX-01	ICAO	CORSIA	Republic of Korea	KR	Mexico	MX	2024	Energy	XX	Fuel switch	XX	0	100	100	0	0	0	0	0	-100
Annual total													200	100	100	0	0	0	20	50	30

Quantity for CA=100-50=50

Reporting Party	Republic of Korea
Reported year	2023-2024

Reporting elements	2023		2024		2025	2026	...
	Trajectory	Average	Trajectory	Average			
(a) Annual anthropogenic emissions by sources and removals by sinks covered by its NDC or, where applicable, for the emission or sink categories as identified by the host Party (as part of the information referred to in para. 77(d)(i) of the annex to decision 18/CMA.1)	50,000		48,000				
(b) Annual anthropogenic emissions by sources and removals by sinks covered by its NDC or, where applicable, from the portion of its NDC	N/A		N/A				
(c) Annual quantity of ITMOs first transferred	200		100				
(d) Annual quantity of mitigation outcomes authorized for use for other international mitigation purposes and entities authorized to use such mitigation outcomes, as appropriate	200		100				
(e) Annual quantity of ITMOs used towards achievement of its NDC	20		50				
(f) Net annual quantity of ITMOs resulting from (c)-(e) above	180		50				
(g) Total quantitative corresponding adjustments used to calculate the emissions balance and/or annual adjusted indicator referred to (k) below, in accordance with the Party's method for applying corresponding adjustments	180	180	50	115			
(h) The cumulative information in respect of the annual information referred to (f) above, as applicable	180		230				
(i) The annual level of the relevant non-GHG indicator that is being used by the Party to track progress towards the implementation and achievement of its NDC and was selected pursuant to paragraph 65 of the annex to decision 18/CMA.1	N/A		N/A				
(k) For metrics in:							
(i) Tonnes of CO2 eq or non-GHGs, an annual emissions balance (as part of the information referred to in para. 77(d)(ii) of the annex to decision 18/CMA.1)	50,180	50,180	48,050	48,115			
(ii) Non-GHGs, for each non-GHG metric determined by participating Parties, annual adjustments resulting in an annual adjusted indicator (as part of the information referred to in para. 77(d)(iii) of the annex to decision 18/CMA.1)	N/A	N/A	N/A	N/A			

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Automatic calculation



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DAYS

18
HOURS

53
MINUTES

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I deeply believe that COP27 is an opportunity to showcase unity against an existential threat that we can only overcome through concerted action and effective implementation.

President Abdel Fattah El-Sisi

”

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#JustAndAmbitious

Thank you.
감사합니다.

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