



WORLD
RESOURCES
INSTITUTE

LINKAGES WITH ARTICLE 6

March 22, 2018

Kelly Levin

LINKAGES WITH ITMOS

1. ITMOS and clarity, transparency and understanding
2. ITMOs and accounting for NDCs
3. ITMOs and transparency guidelines

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CLARITY, TRANSPARENCY AND UNDERSTANDING

Article 4, Para. 8

In communicating their nationally determined contributions, all Parties shall provide the information necessary for clarity, transparency and understanding in accordance with decision 1/CP.21 and any relevant decisions of the Conference of the Parties serving as the meeting of the Parties to this Agreement.

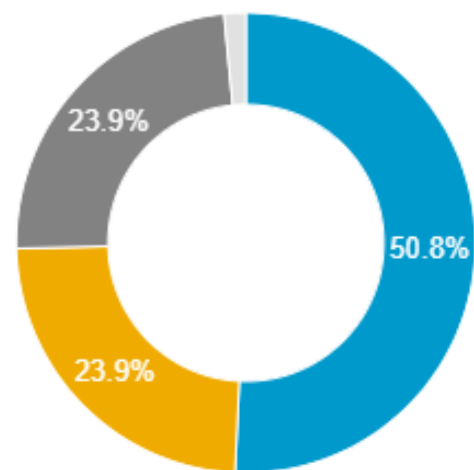
Decision 1/CP.21, Para. 28

Requests the Ad Hoc Working Group on the Paris Agreement to develop further guidance for the information to be provided by Parties in order to facilitate clarity, transparency and understanding of nationally determined contributions for consideration and adoption by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement at its first session;

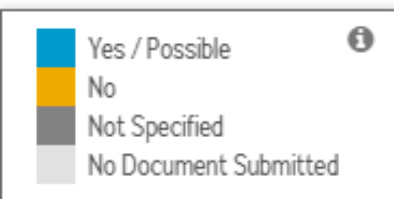
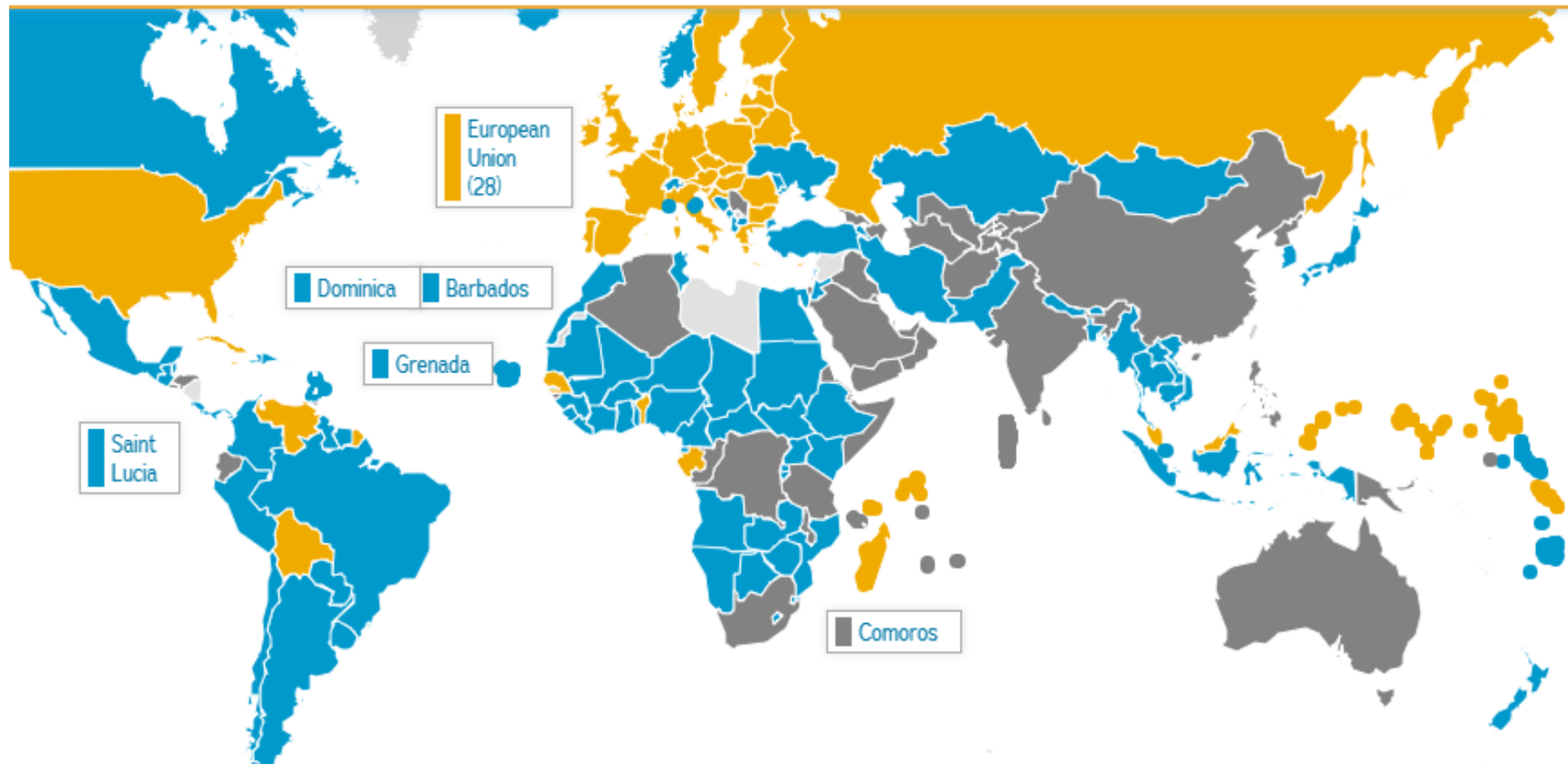
LINKAGES WITH CLARITY, TRANSPARENCY AND UNDERSTANDING

- Any limit on the quantity of ITMOs that may be applied toward the target, if defined, and the anticipated amount of units to be used to meet the target
- The maximum and anticipated amount of ITMOs to be used from time periods before the target ("banked" units), if guidelines allow for this
- Anticipated net issuance and transfers of ITMOs
- Types of ITMOs eligible to be applied toward the target (flexibility determined by guidelines)
- Vintages of ITMOs eligible to be applied toward the target (flexibility determined by guidelines)
- Mechanisms in place to prevent double counting (determined by guidelines)

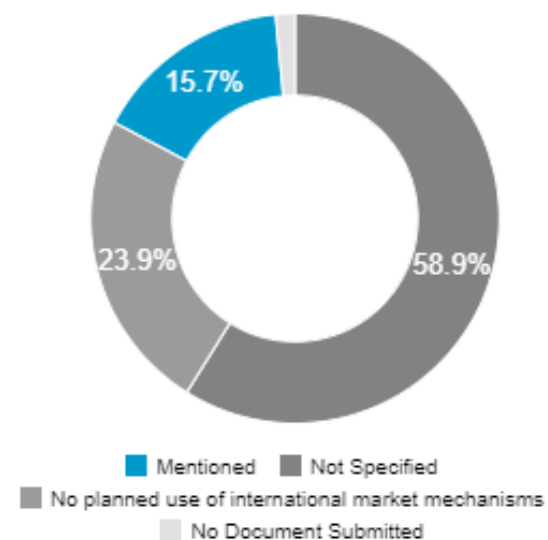
PLANNED USE OF ITMOS



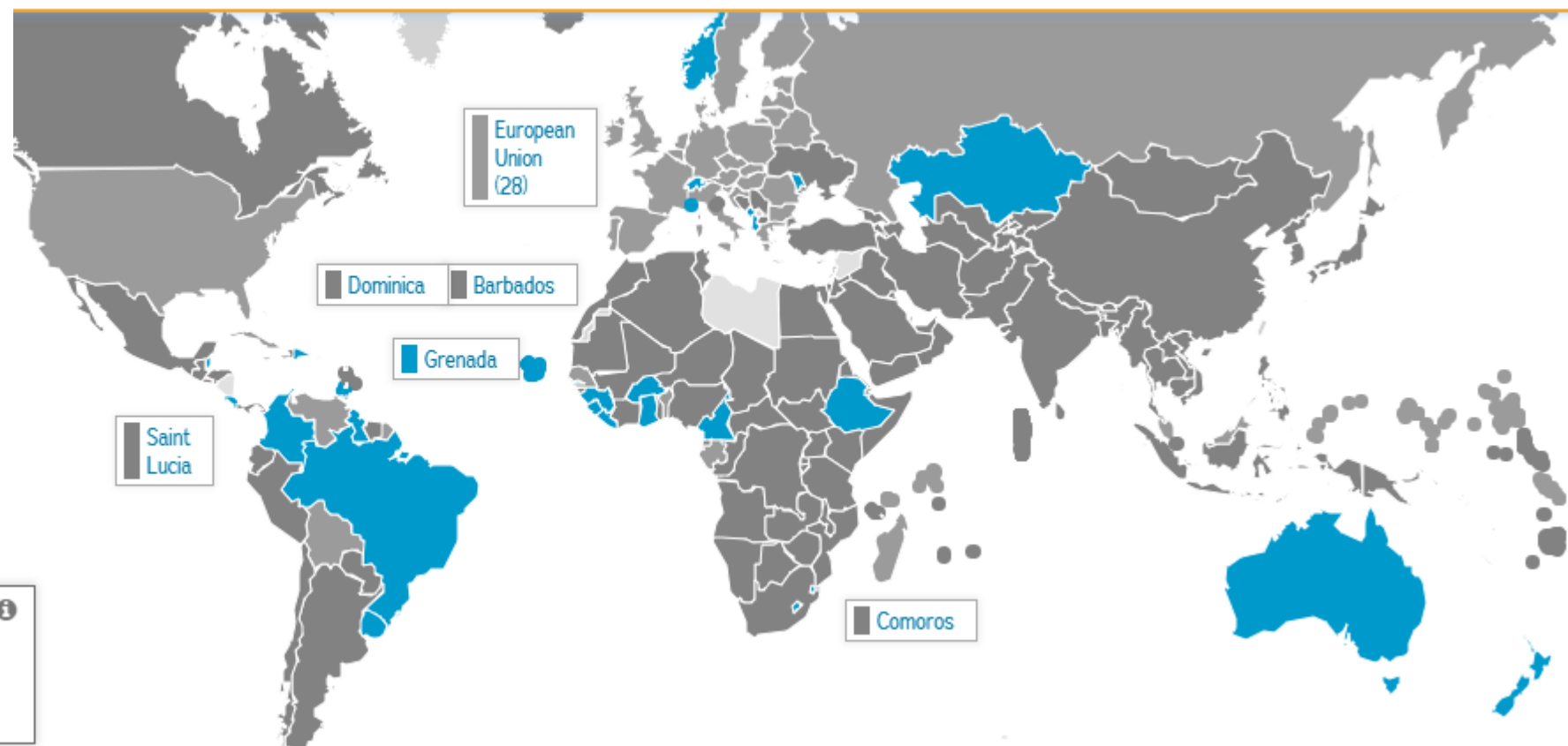
■ Yes / Possible ■ No ■ Not Specified
■ No Document Submitted



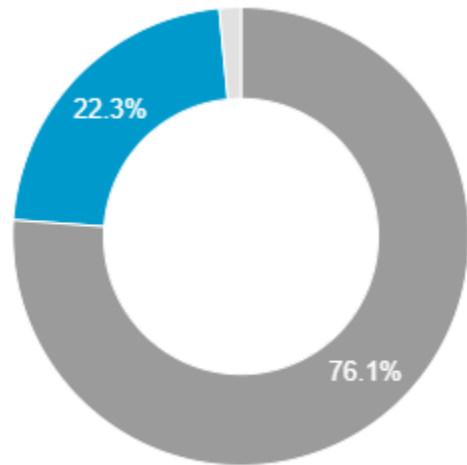
MENTION OF ENVIRONMENTAL INTEGRITY/DOUBLE COUNTING



...al market mechanisms: Whether and how any units purchased/acquired or sold/transferred abroad will ensure environmental integrity and avoid



REFERENCE TO CDM



■ Yes ■ No ■ No Document Submitted



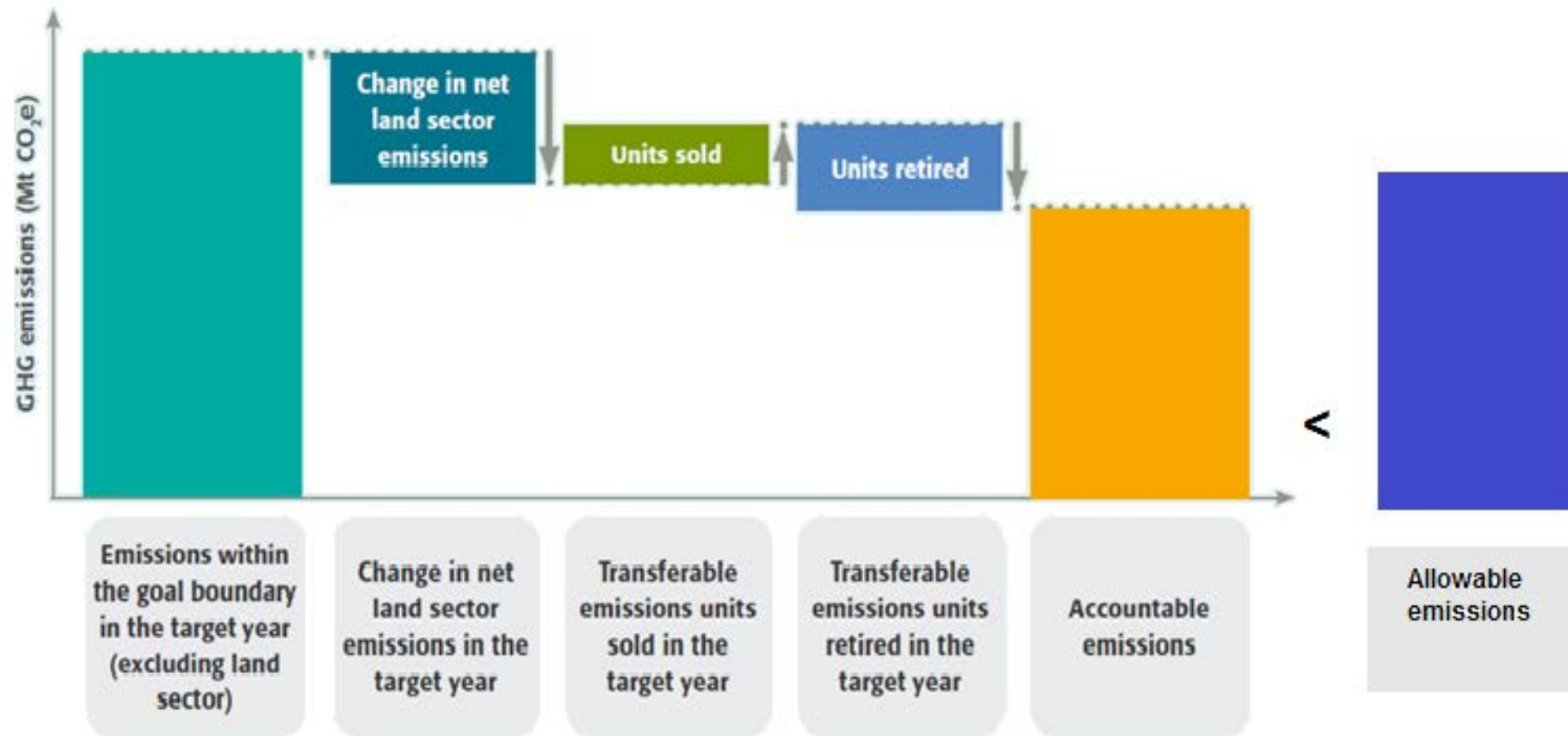
LINKAGES WITH ITMOS

1. ITMOS and clarity, transparency and understanding
2. ITMOs and accounting for NDCs
3. ITMOs and transparency guidelines

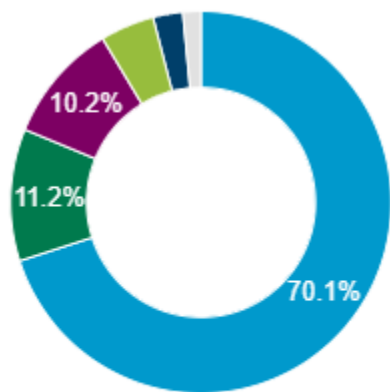
ACCOUNTING RELEVANT AT DIFFERENT TIMES

- **Before implementation**, accounting rules help determine “what counts” and lay out a clear framework for assessing progress and achievement;
- **During implementation**, accounting rules define how Parties track and report progress toward their contributions in a comparable and transparent manner, which can build confidence and accountability that contributions are being implemented; and
- **After implementation**, accounting rules help Parties determine whether their contributions have been achieved

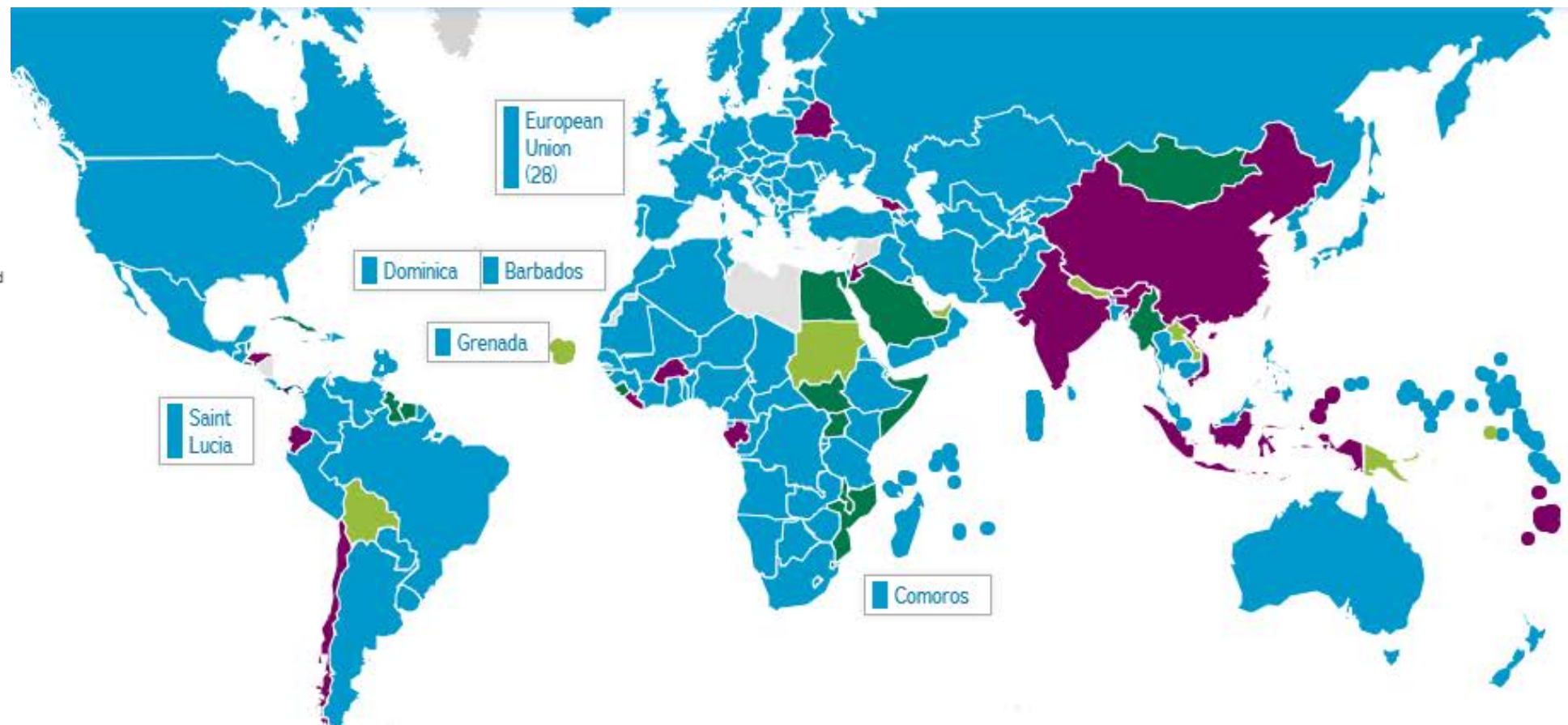
LINKAGES WITH NDC ACCOUNTING



MITIGATION CONTRIBUTION TYPE

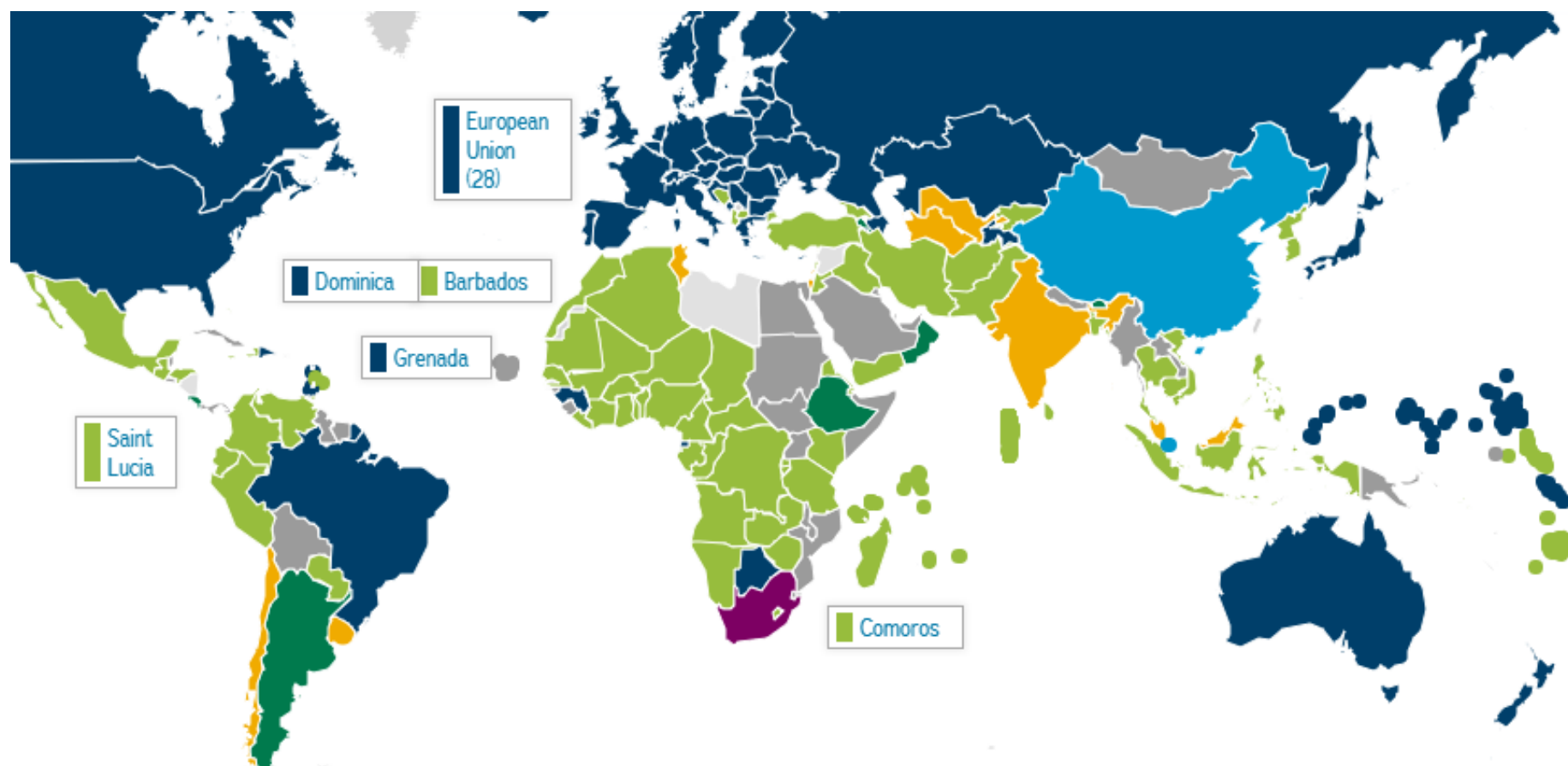
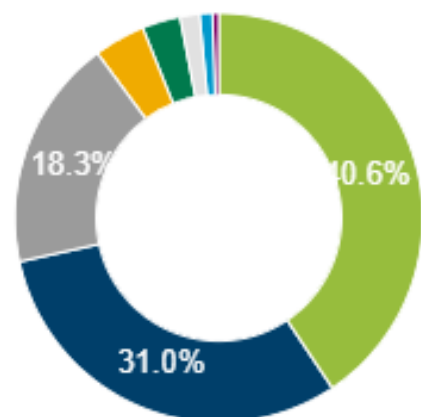


■ GHG target ■ Non-GHG target only ■ Actions only
■ GHG target and non-GHG target
■ Non-GHG target and actions ■ No Document Submitted

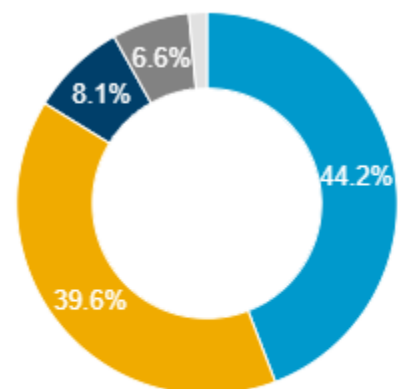


■ GHG target
■ Non-GHG target only
■ Actions only
■ GHG target and non-GHG target
■ Non-GHG target and actions
■ No Document Submitted

GHG TARGET TYPE

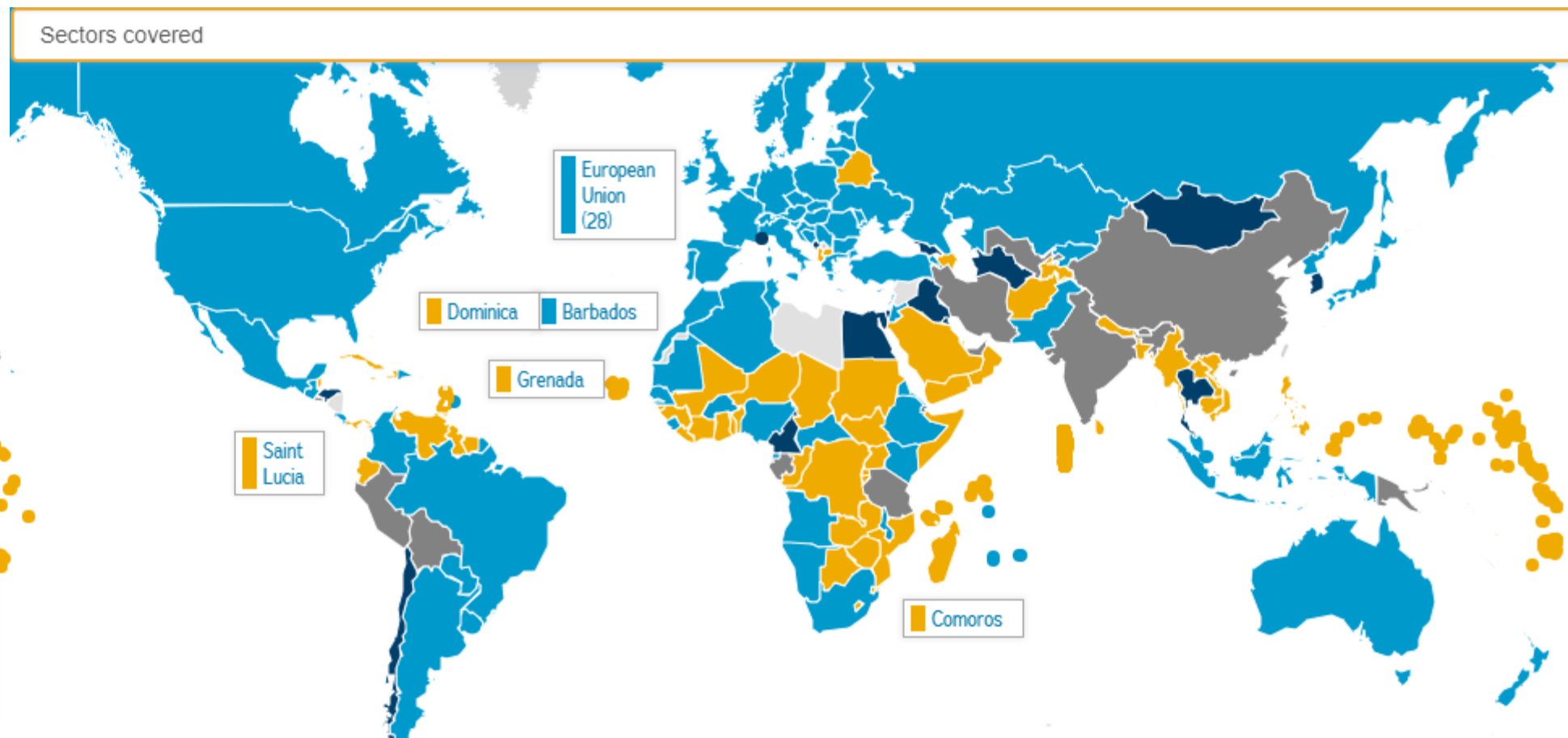


SECTORS COVERED

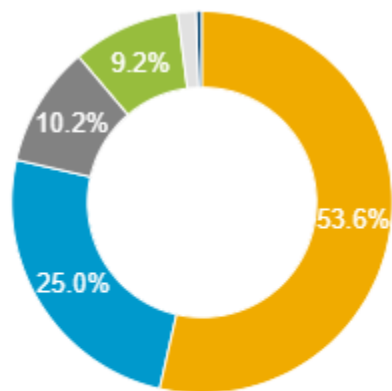


■ All Sectors including LULUCF
■ All Sectors excluding LULUCF
■ Partial Sectors
■ Not Specified
■ No Document Submitted

■ All Sectors including LULUCF
■ All Sectors excluding LULUCF
■ Partial Sectors
■ Not Specified
■ No Document Submitted



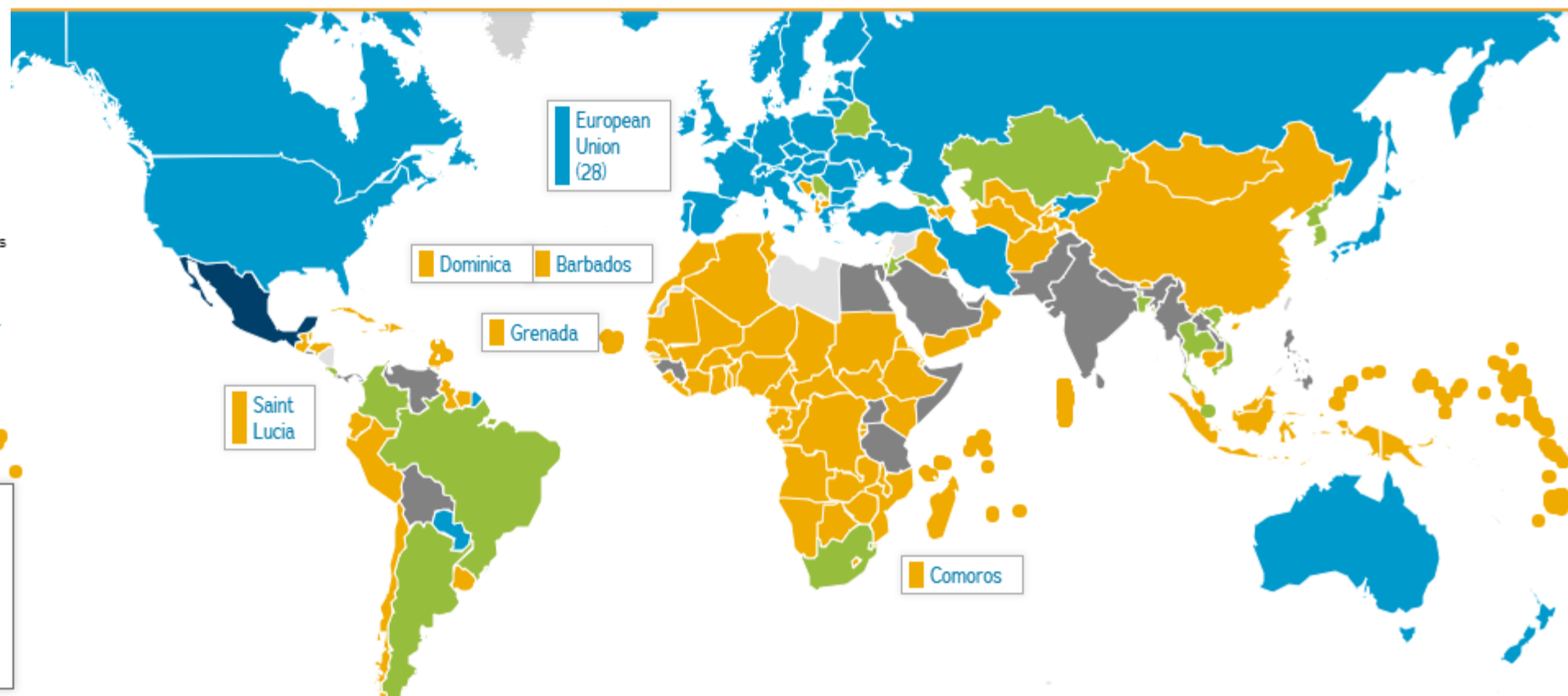
GREENHOUSE GASES COVERED



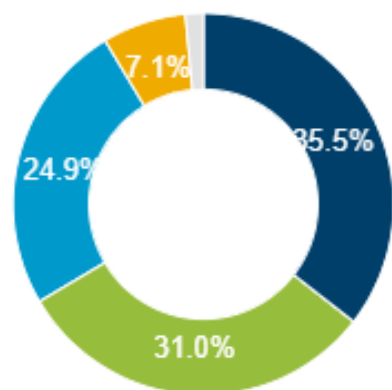
■ Seven Kyoto Gases ■ Six Kyoto Gases
■ Six Kyoto Gases and Black Carbon ■ Partial Gases
■ Not Specified ■ No Document Submitted



Greenhouse gases covered

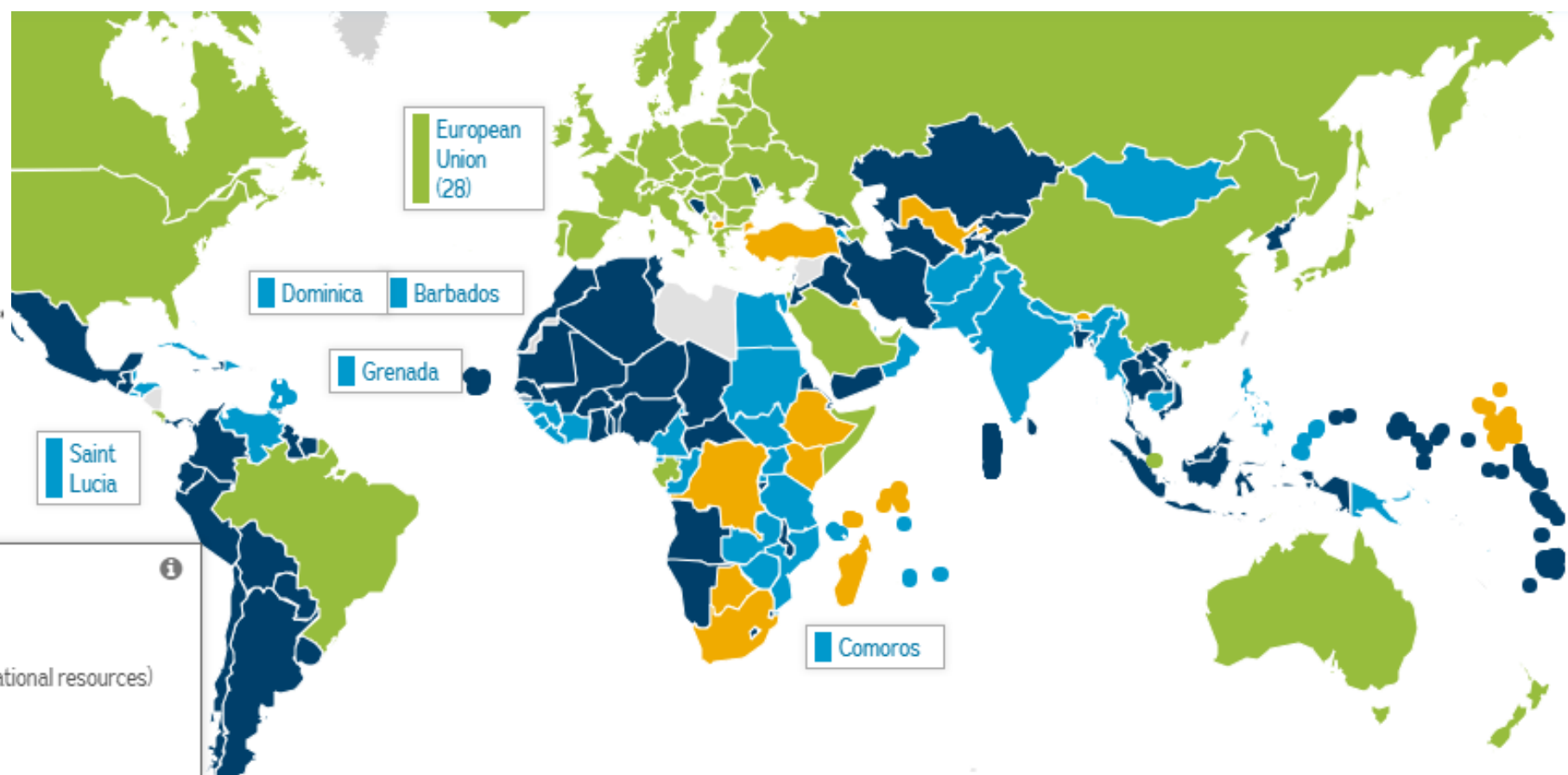


CONDITIONALITY OF (I)NDC



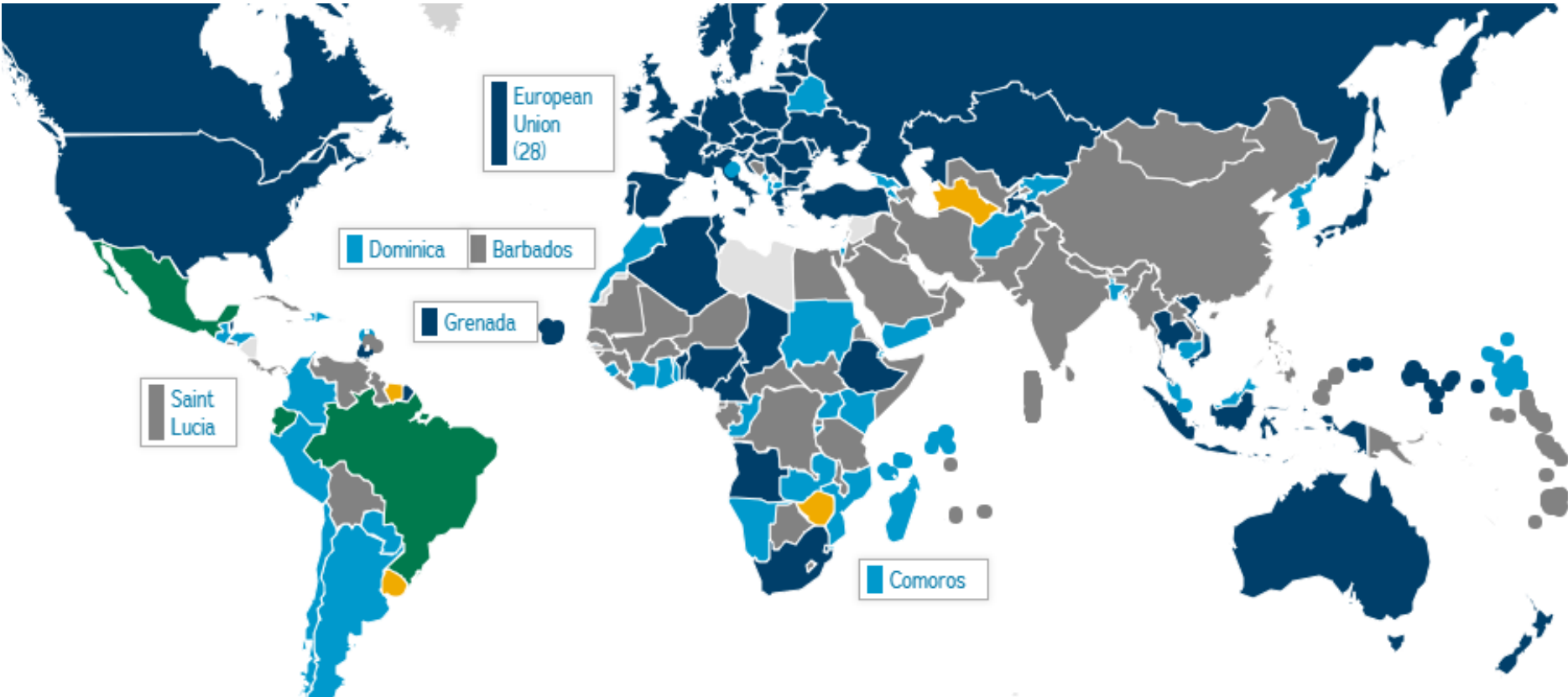
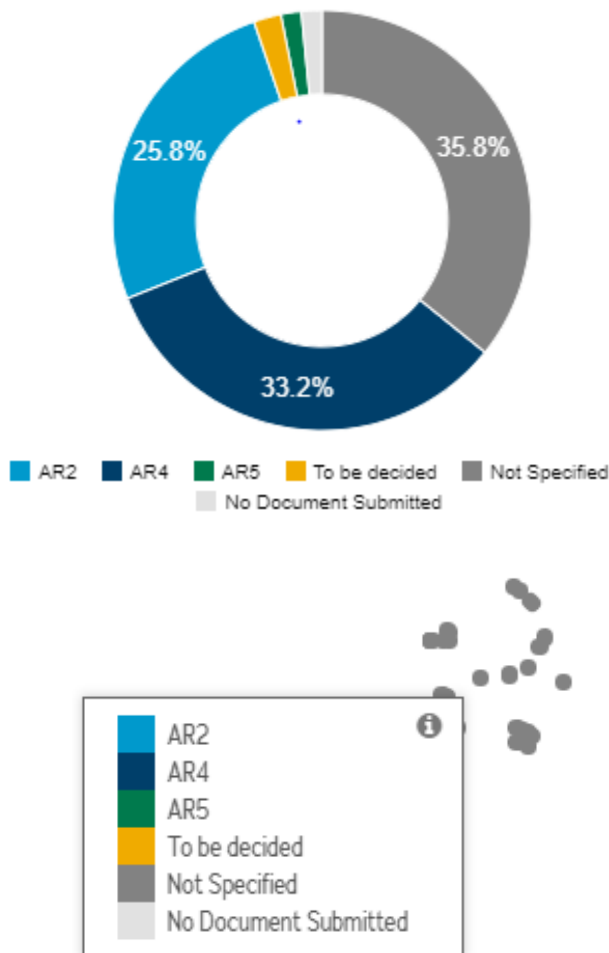
■ Conditional (I)NDC only
■ UnConditional (I)NDC only
■ Conditional (I)NDC and unconditional (I)NDC
■ Partially conditional (I)NDC (unspecified mix of domestic/international resources)
■ No Document Submitted

■ Conditional (I)NDC only
■ UnConditional (I)NDC only
■ Conditional (I)NDC and unconditional (I)NDC
■ Partially conditional (I)NDC (unspecified mix of domestic/international resources)
■ Not Specified
■ No Document Submitted



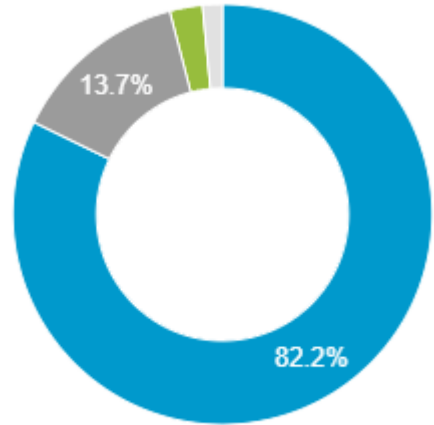
GWPs

Assumed global warming potential (GWP) values to be used to track progress

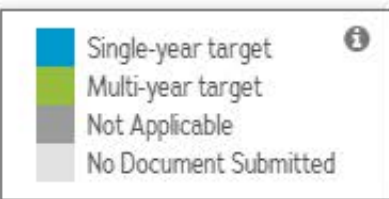
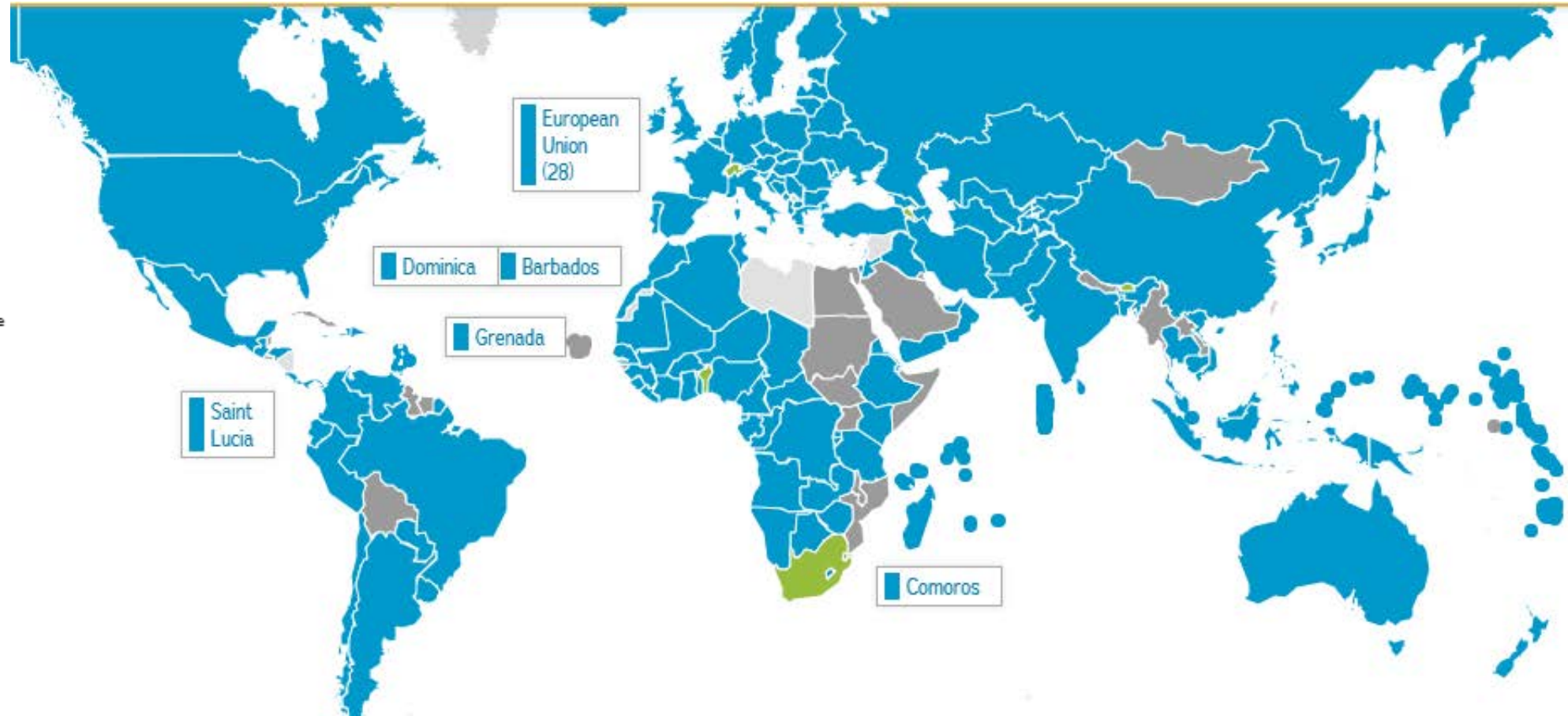


TIMING

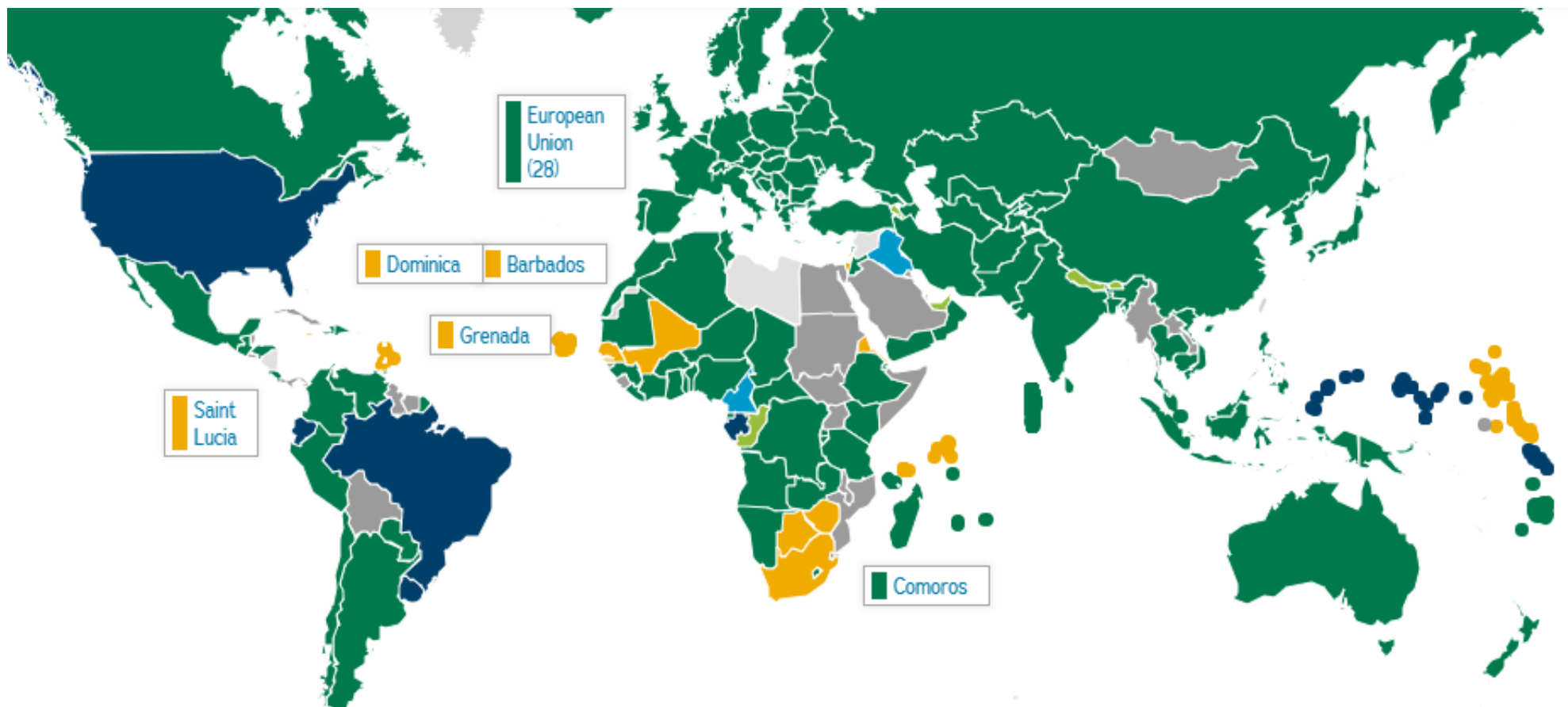
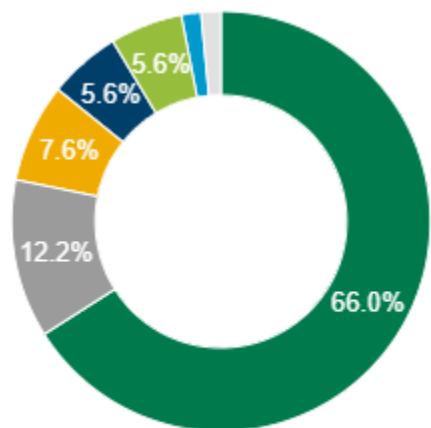
Single or multi-year target



■ Single-year target ■ Multi-year target ■ Not Applicable
■ No Document Submitted



TARGET YEAR



OTHER ISSUES (not exhaustive)

- Quantification of NDC
- Quantification of ITMOs
- Metric for ITMOs
- Corresponding adjustments
- Vintages
- Eligible mechanism types
- Fungibility
- Mechanisms to track ITMOs and avoid double counting

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LINKAGES WITH TRANSPARENCY GUIDELINES

Article 13, Para. 7b

Each Party shall regularly provide the following information:

(b) Information necessary to track progress made in implementing and achieving its nationally determined contribution under Article 4

LINKAGES WITH TRANSPARENCY

- Type
- Country of origin
- Vintage
- Quantity (in terms of tonnes of carbon dioxide equivalent)

of ITMOs purchased, retired and transferred in the target year or period

Other issues for more comprehensive reporting: programme standards of a crediting mechanism or design of ETS, permanence of ITMO, contribution to promotion of SD, how “higher ambition” under Article 6.1 is achieved, generated within or outside scope of NDC (SEI 2018)

GHG balance sheet		2	3	4	5	6	7	8
		Implementation period						Target year
		2020	2021	2022	2028	2029	2030
I. Calculate Accountable emissions (Mt CO ₂ e)								
Emissions and removals (Mt CO ₂ e)								
A	Total net emissions in the national GHG inventory*							
B	Total emissions in target boundary, if different from the national inventory**							
Net land sector emissions (Mt CO ₂ e)***								
C	Total emissions in target boundary, excluding the land sector							
D	Net land sector emissions in target boundary							
E	Change in net land sector emissions (Mt CO ₂ e) (For Parties that treat the land sector as an offset)							
For intensity targets								
F	Level of GDP or other metric							
G	Calculation of emissions intensity = (B) / (F) <i>For Parties that treat the land sector as an offset = ((C) + (E))/(F)</i>							
Internationally Transferable Mitigation Outcomes (ITMOs) (Mt CO ₂ e)****								
H	Total ITMOs retired							
I	Total ITMOs transferred internationally							
J	Net ITMOs retired = (H) – (I)							
Accountable emissions (Mt CO ₂ e)								
K	Accountable emissions (Mt CO2e)	n/a	n/a	n/a	n/a	n/a	n/a	
L	Accountable emissions intensity = K/F (for intensity target)	n/a	n/a	n/a	n/a	n/a	n/a	
II. Calculate allowable emissions								
M	Allowable emissions (Mt CO2e)	n/a	n/a	n/a	n/a	n/a	n/a	
N	Allowable emissions intensity	n/a	n/a	n/a	n/a	n/a	n/a	
III. Accounting balance: Calculate difference between allowable emissions and accountable emissions to determine whether target was achieved								
O	Difference between allowable emissions and accountable emissions to determine whether target was achieved = (K8) – (M8) (Mt CO ₂ e)			Positive figure means target was overachieved Negative figure means target was underachieved				
P	Difference between allowable emissions intensity and accountable emissions intensity to determine whether target was achieved = (L8) – (N8) (Mt CO ₂ e)			Positive figure means target was overachieved Negative figure means target was underachieved				