
Policy and statistics: updates from COP26 in Glasgow

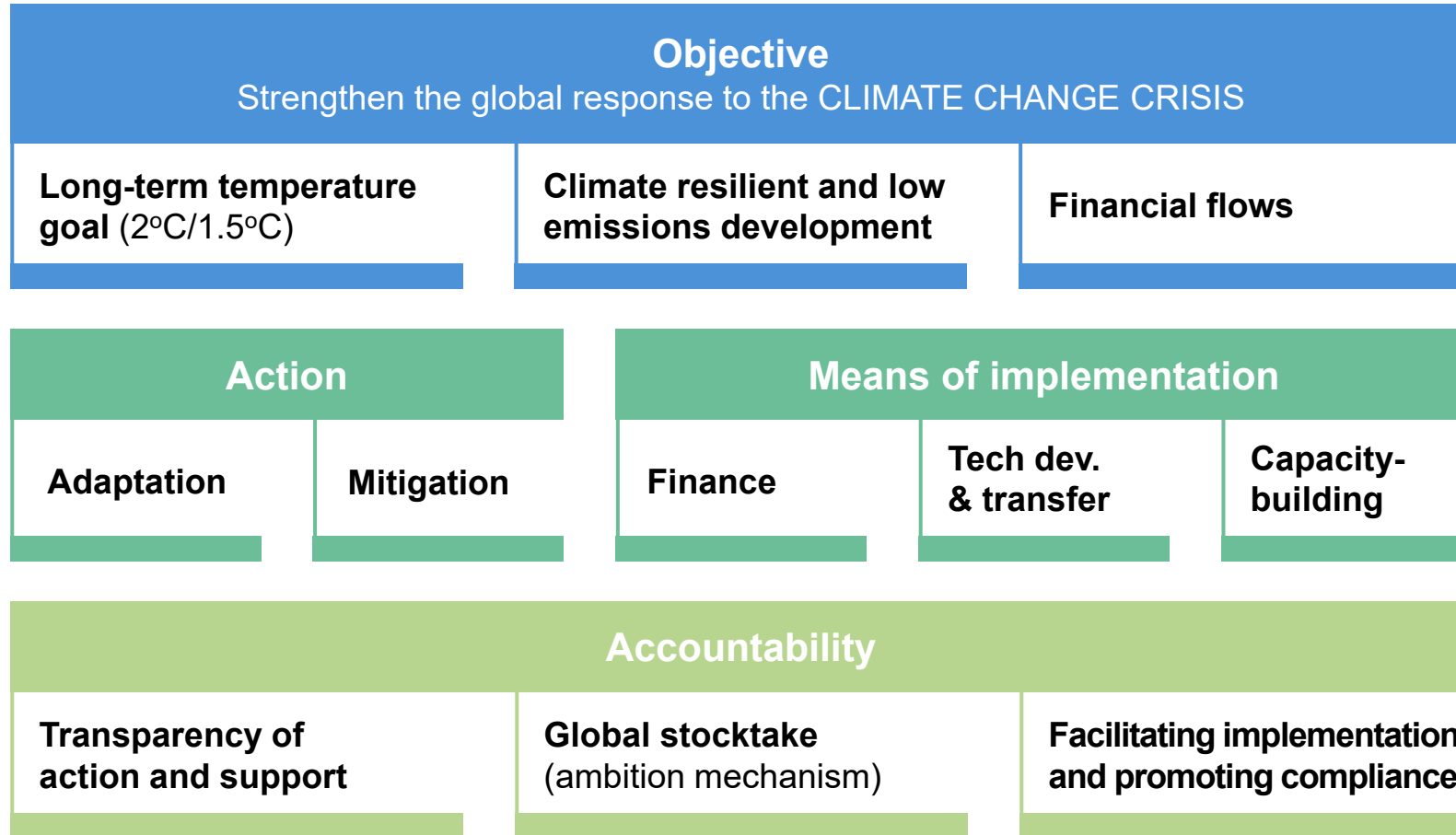
Side event UNSC 53 - Global Set of
Climate Change Statistics and
Indicators – 22 Feb. 2022



Vlad Trusca, Transparency Division

United Nations
Climate Change Secretariat







Plan

NDCs under Article 4 of the Paris Agreement

Adaptation communications

Ex-ante communication on finance

Implement

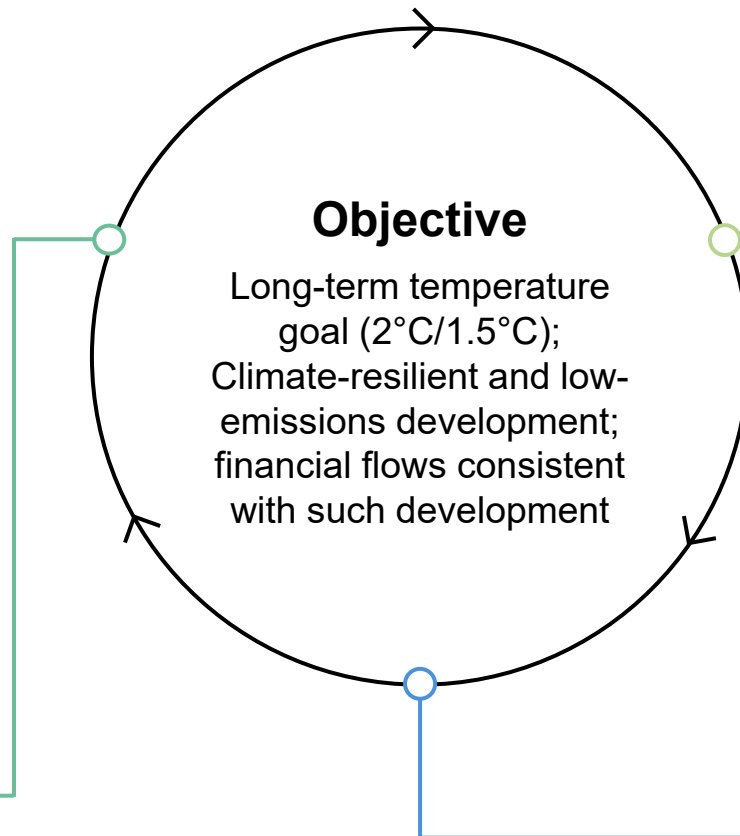
1. Mitigation and adaptation actions
2. Means of implementation

Review

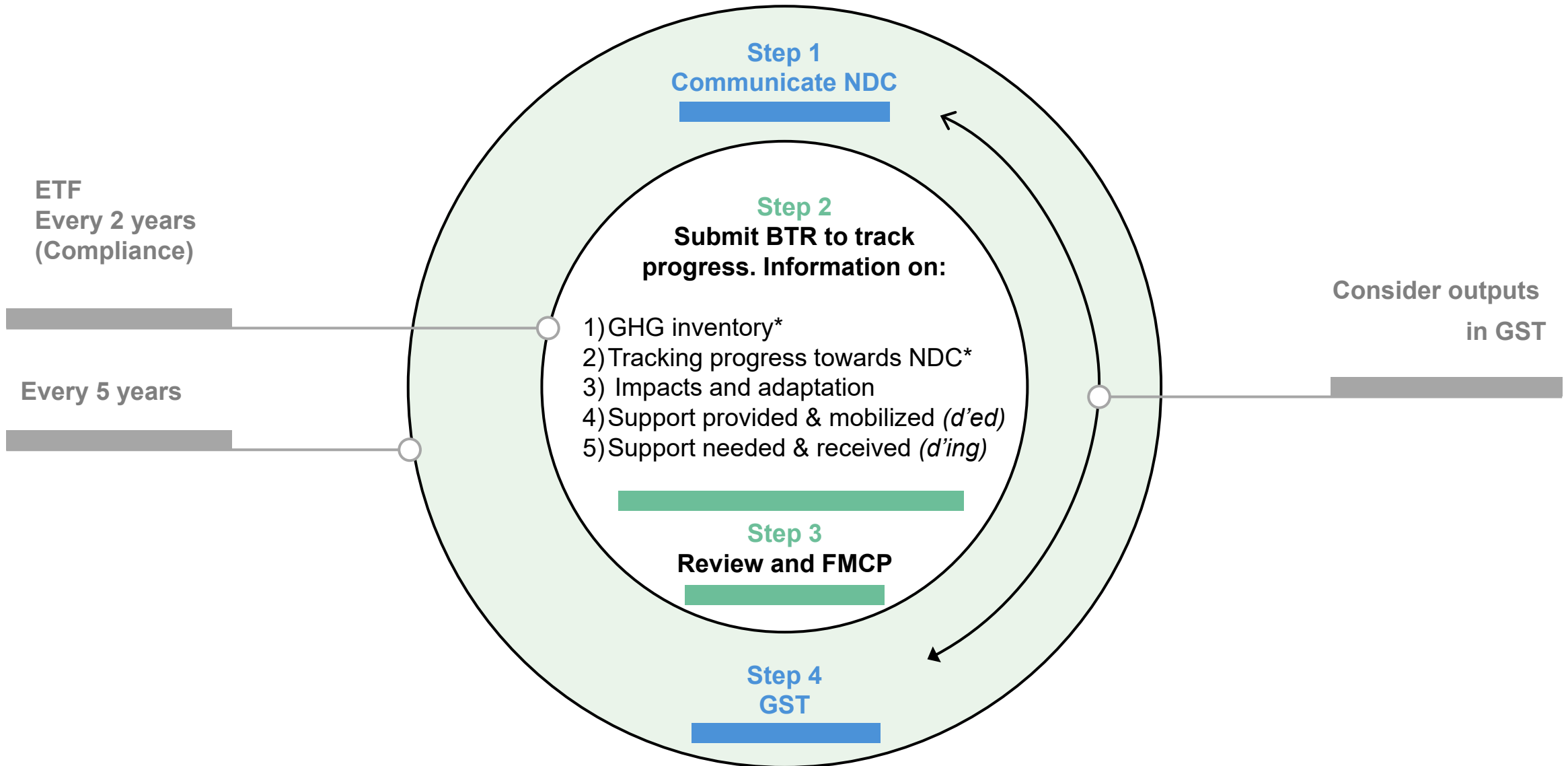
Enhanced transparency framework (ETF)

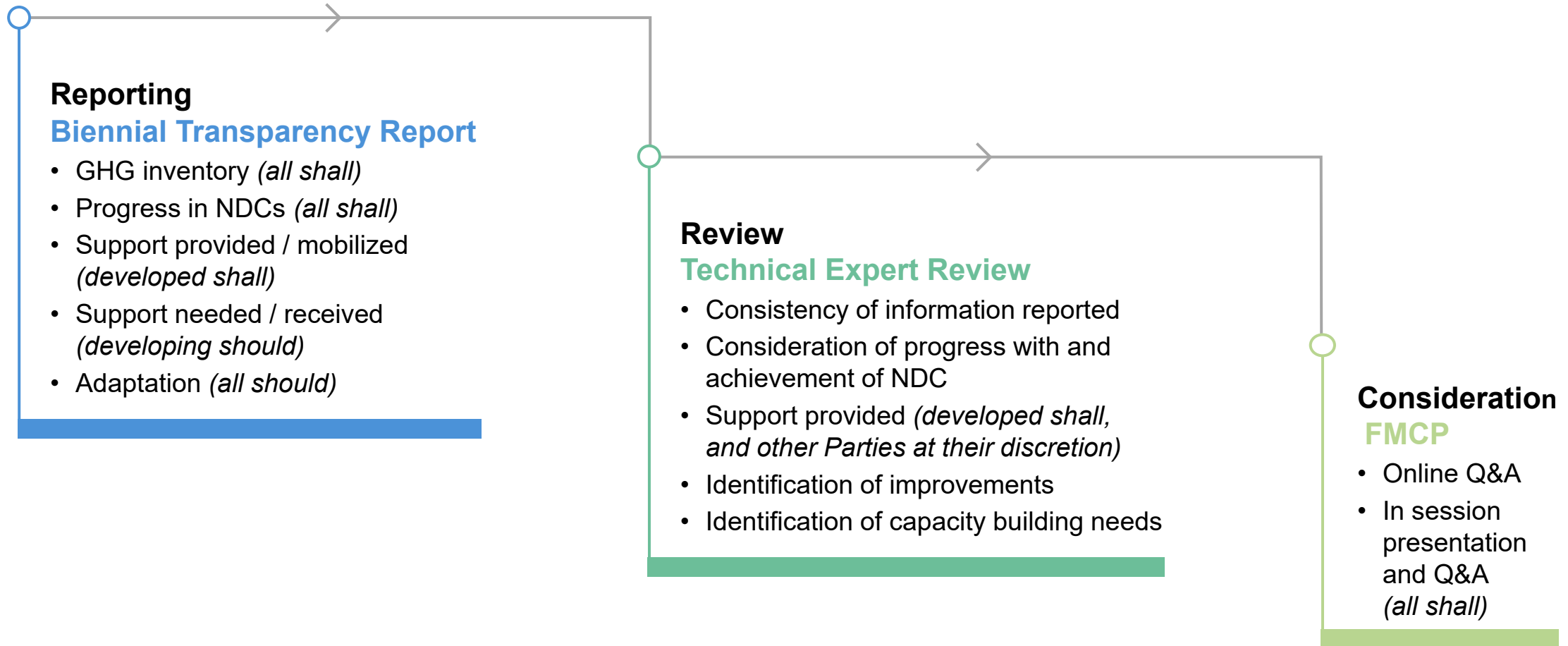
Compliance

Global stocktake

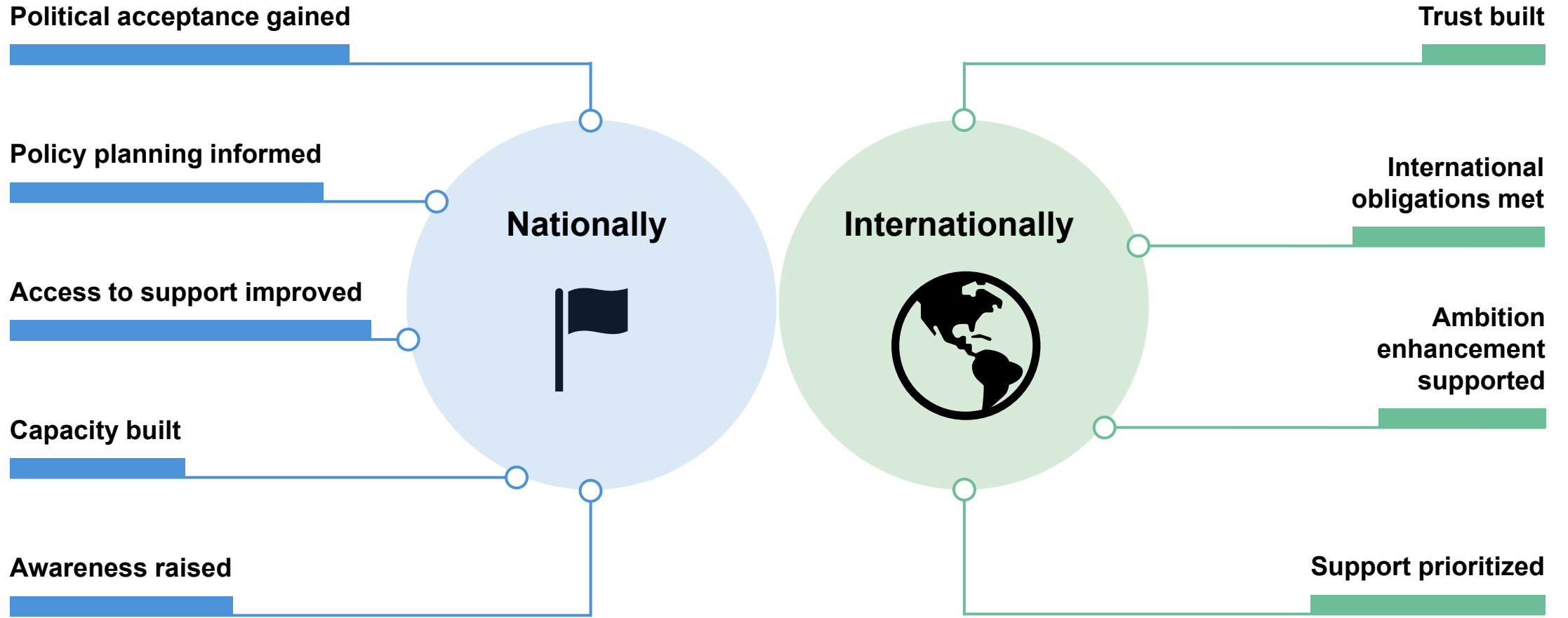


Paris Agreement - linking ETF, NDC and GST





Benefits of Transparency





**Building on and
enhancement**

**Continuous
improvement**

**Different
starting points**

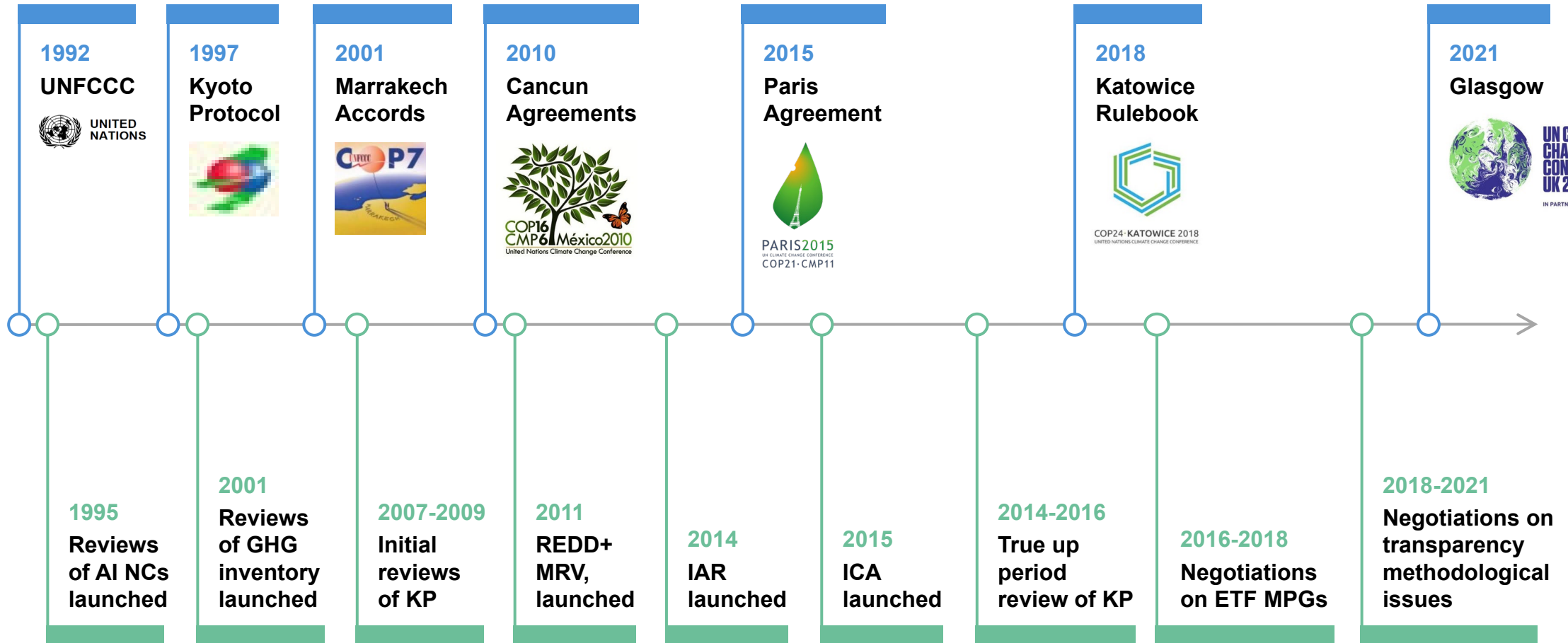
Flexibility

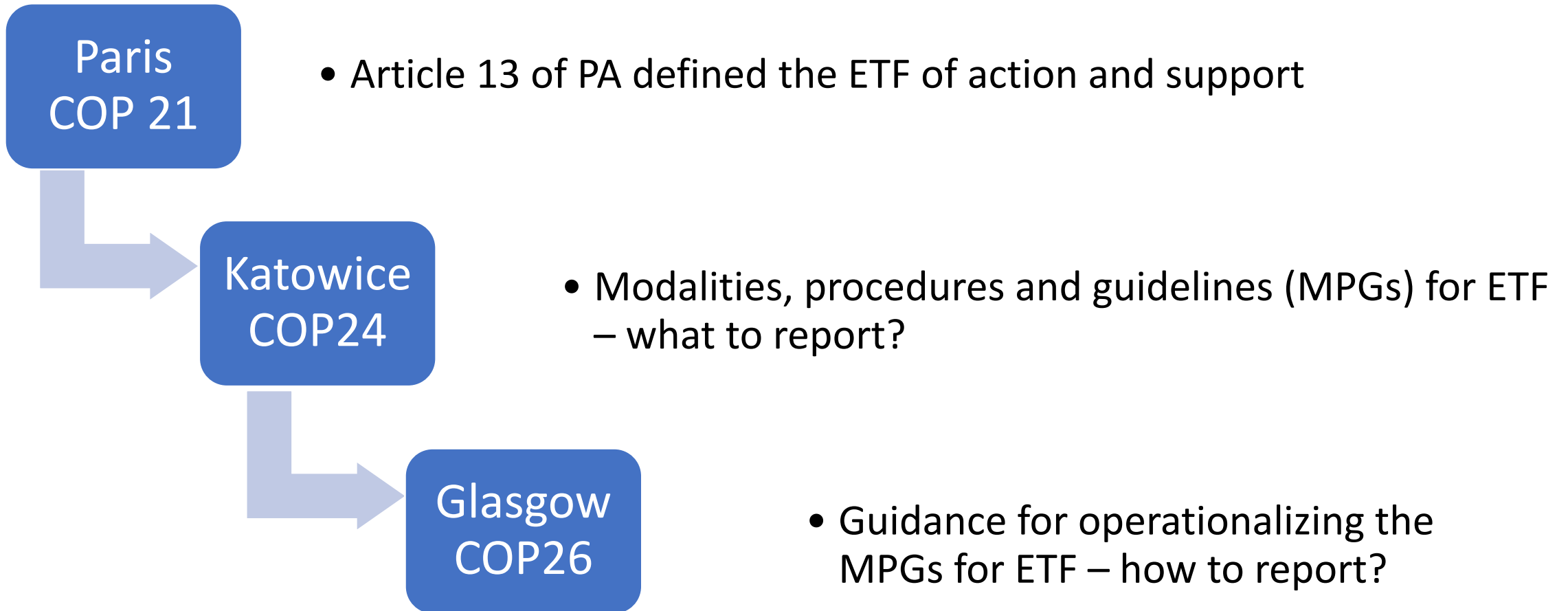
Support

Building Transparency



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Key outcomes on ETF

Finalized discussions on the MPGs for ETF (decision 5/CMA.3) and adoption of:

- **Common reporting tables (CRT) for reporting the GHG inventories**
- **Common tabular formats (CTF1) for tracking progress in implementing NDCs**
- **Common tabular formats (CTF2) for FTC support provided and mobilized**
- Outlines of the Biennial Transparency Report (BTR) & national inventory document (NID)
- Training programme for technical experts participating in reviews

**Reporting
tools**

First BTRs are due by 31 December 2024 (poss. earlier)

CRT for reporting GHG inventories



TABLE 2(I) SECTORAL REPORT FOR INDUSTRIAL PROCESSES AND PRODUCT USE

(Sheet 1 of 1)

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Year
Submission
Country

GREENHOUSE GAS SOURCE AND SINK CATEGORY	CO ₂	CH ₄	N ₂ O	HFCs ⁽¹⁾	PFCs ⁽¹⁾	Unspecifie d mix of HFCs and PFCs ⁽¹⁾	SF ₆	NF ₃	NO _x	CO	NM VOC	SO _x	Total GHG emissions ⁽²⁾
	(kt)			CO ₂ equivalent (kt) ⁽³⁾			(kt)						CO ₂ equivalents (kt) ⁽³⁾
2. Total industrial processes													
2.A. Mineral industry													
2.A.1. Cement production													
2.A.2. Lime production													
2.A.3. Glass production													
2.A.4. Other process uses of carbonates													
2.B. Chemical industry													
2.B.1. Ammonia production													
2.B.2. Nitric acid production													
2.B.3. Adipic acid production													
2.B.4. Caprolactam, glyoxal and glyoxylic acid production													
2.B.5. Carbide production													
2.B.6. Titanium dioxide production													
2.B.7. Soda ash production													
2.B.8. Petrochemical and carbon black production													
2.B.9. Fluorochemical production													
2.B.10. Other													
2.C. Metal industry													
2.C.1. Iron and steel production													

► ... | Table1.B.1 | Table1.B.2 | Table1.C | Table1.D | **Table2(I)** | Table2(I).A-H

TABLE 3.A SECTORAL BACKGROUND DATA FOR AGRICULTURE

Enteric Fermentation

(Sheet 1 of 1)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	ACTIVITY DATA AND OTHER RELATED INFORMATION			IMPLIED EMISSION FACTORS	EMISSIONS
	Population size ⁽¹⁾ (1000s)	Average gross energy intake (GE) (MJ/head/day)	Average CH ₄ conversion rate (Y _m) ⁽²⁾ (%)	CH ₄ (kg CH ₄ /head/yr)	CH ₄ (kt)
3.A.1. Cattle					
<i>Option A:</i>					
3.A.1.a. Dairy cattle					
3.A.1.b. Non-dairy cattle					
<i>Option B (country-specific):⁽¹⁾</i>					
3.A.1.a. Other					
<i>Drop-down list:</i>					
3.A.1.a.i. Mature dairy cattle					
3.A.1.a.ii. Other mature cattle					
3.A.1.a.iii. Growing cattle					
3.A.1.a.iv. Other (please specify)					
3.A.2. Sheep					
3.A.2.a. Other (please specify)					
3.A.3. Swine					
3.A.3.a. Other (please specify)					

► ... | Table1.B.1 | Table1.B.2 | Table1.C | Table1.D | Table2(I) | Table2(I).A-H | Table2(II) | Table2(II).B-Hs1 | Table2(II).B-Hs2 |

Year
Submission
Country

CTF for tracking progress in implementing NDCs



4. Structured summary: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement^a

Indicator(s) selected to track progress of the NDC or portion of NDC under Article 4 of the Paris Agreement (paras. 65 and 77(a) of the MPGs):	Unit, as applicable	Reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate (paras. 67 and 77(a)(i) of the MPGs)	Implementation period of the NDC covering information for previous reporting years, as applicable, and the most recent year, including the end year or end of period (paras. 68 and 77(a)(ii-iii) of the MPGs)					Target level ^b	Target year or period	Progress made towards the NDC, as determined by comparing the most recent information for each selected indicator, including for the end year or end of period, with the reference point(s), level(s), baseline(s), base year(s) or starting point(s) (paras. 69–70 of the MPGs)
			Year 1	Year 2			

Indicator(s) selected to track progress of the NDC or portion of NDC under Article 4 of the Paris Agreement (paras. 65 and 77(a) of the MPGs):

{Indicator}

{Parties can add rows for each additional indicator and supporting information for each indicator, e.g. baseline values, baseline for the portion of NDC, target values, mitigation effects of policies and measures, etc.}

Where applicable, total GHG emissions and removals consistent with the coverage of the NDC (para. 77(b) of the MPGs)

Contribution from the LULUCF sector for each year of the target period or target year, if not included in the inventory time series of total net GHG emissions and removals, as applicable (para. 77(c) of the MPGs)

Each Party that participates in cooperative approaches that involve the use of ITMOs towards an NDC under Article 4 of the Paris Agreement, or authorizes the use of mitigation outcomes for international mitigation purposes other than achievement of the NDC, shall provide (para. 77(d) of the MPGs):

If applicable, an indicative multi-year emissions trajectory, trajectories or budget for its NDC implementation period (para.

1. Structured summary: Description of selected indicators

Indicator(s) selected to track progress^a

Description

{Indicator}

Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate^b

Updates in accordance with any recalculation of the GHG inventory, as appropriate^b

Relation to NDC^c

Notes: (1) Pursuant to para. 79 of the MPGs, each Party shall report the information referred to in paras. 65–78 of the MPGs in a narrative and common tabular format, as applicable. (2) A Party may amend the reporting format (e.g. Excel file) to remove specific rows in this table if the information to be provided in those rows is not applicable to the Party's NDC under Article 4 of the Paris Agreement, in accordance with the MPGs. (3) The Party could add rows for each additional selected indicator and related information.

^a Each Party shall identify the indicator(s) that it has selected to track progress of its NDC (para. 65 of the MPGs).

^b Each Party shall provide the information for each selected indicator for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), and shall update the information in accordance with any recalculation of the GHG inventory, as appropriate (para. 67 of the MPGs).

^c Each Party shall describe for each indicator identified how it is related to its NDC (para. 76(a) of the MPGs).

Custom footnotes:

Indicators for tracking progress in implementing NDCs



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Party communicates NDC


- NDC is self-determined; Party to provide ICTU (mandatory as of NDC2) to describe NDC



→

Implements NDC


- Party implements its NDC (e.g. develops necessary policies, collects data, tracks its progress)



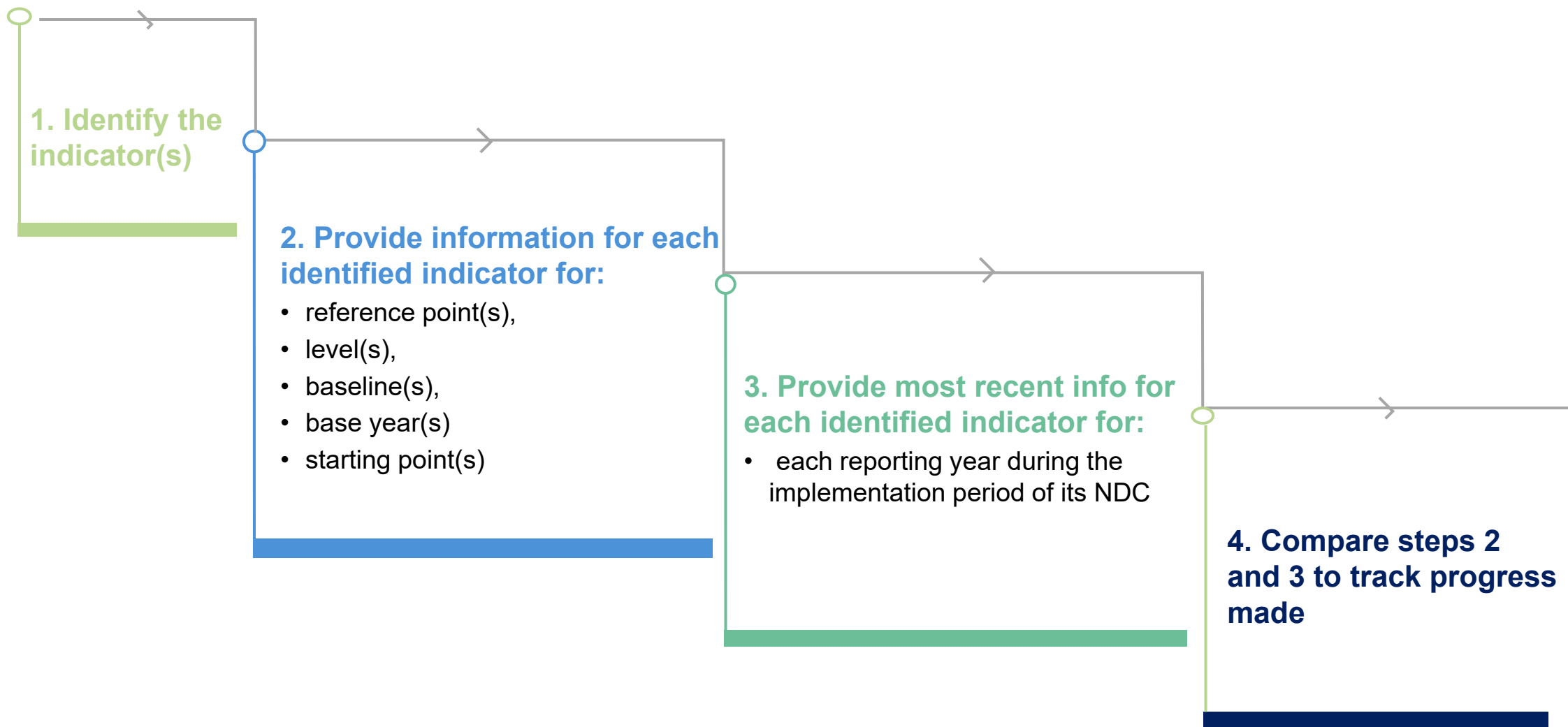
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Reports on its tracking in BTR

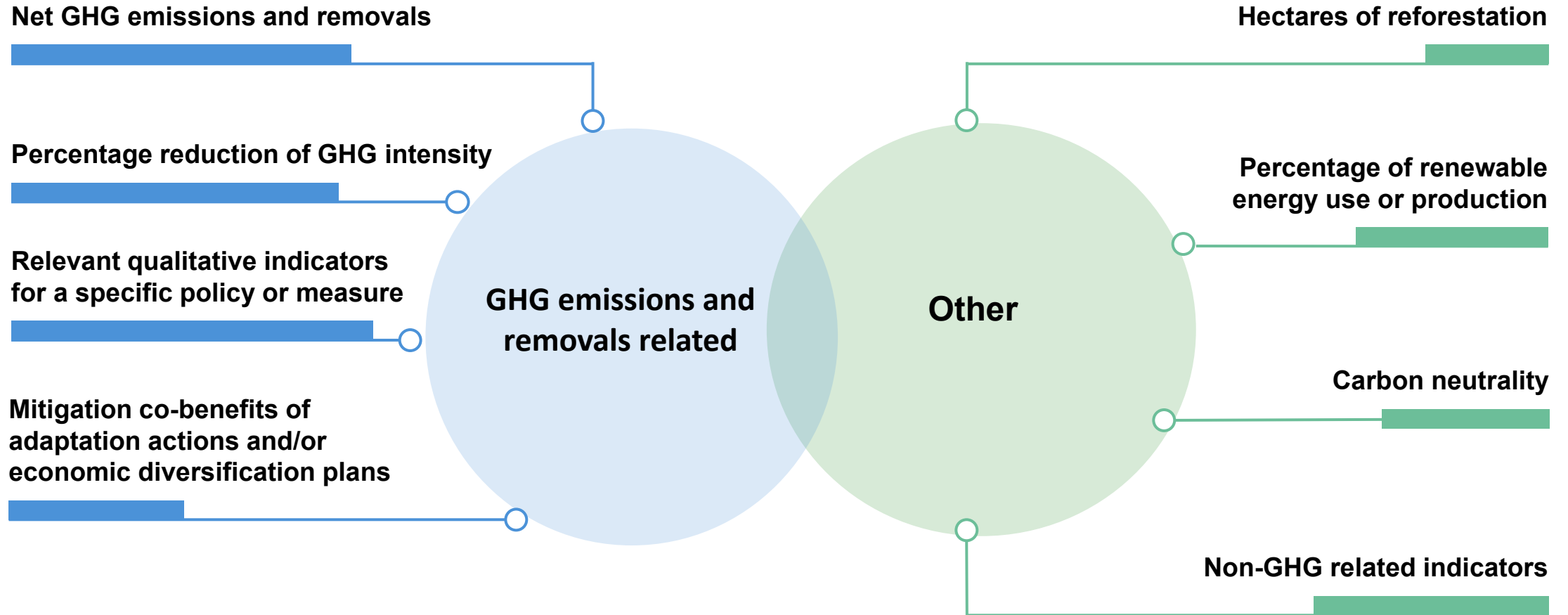
- Reports the information contained in paras. 59-103 of the MPGs, as appropriate to its NDC, on a biennial basis
- BTR is subject to review and FMCP



Indicators for tracking progress in implementing NDCs



Examples of indicators for tracking progress



Cooperation with UNSD



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- Active participation and joint reports to Statistical Commission
- 49th Statistical Commission mandated UNSD and UNFCCC to strengthen the link between statistics and policy and promote collaboration between NSOs and national authorities responsible for climate change reporting to UNFCCC
- **Global Set of Climate Change Statistics and Indicators**
- Joint events and participation to UNFCCC or UNSD events (EGES; Consultative Group of Experts regional events; regional UNSD workshops; stakeholders dialogues; side-events; online expert sessions; webinars; etc.)

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