
Introducción a los requerimientos del Marco de Transparencia Reforzado

Reporte de información para hacer seguimiento de los
progresos alcanzados en la aplicación y el cumplimiento de
las CDN



United Nations
Climate Change



Marco de Transparencia Reforzado (MTR)

Acuerdo de París, Artículo 13 → establece el marco de transparencia reforzado para las medidas y el apoyo;

- Con el fin de fomentar la confianza mutua
- Promover la aplicación efectiva
- Dotado de flexibilidad para tener en cuenta las diferentes capacidades de las Partes que son países en desarrollo
- Basado en la experiencia colectiva
- Reconoce las circunstancias especiales de los países menos adelantados y los pequeños estados insulares.

Propósito: transparencia de las medidas

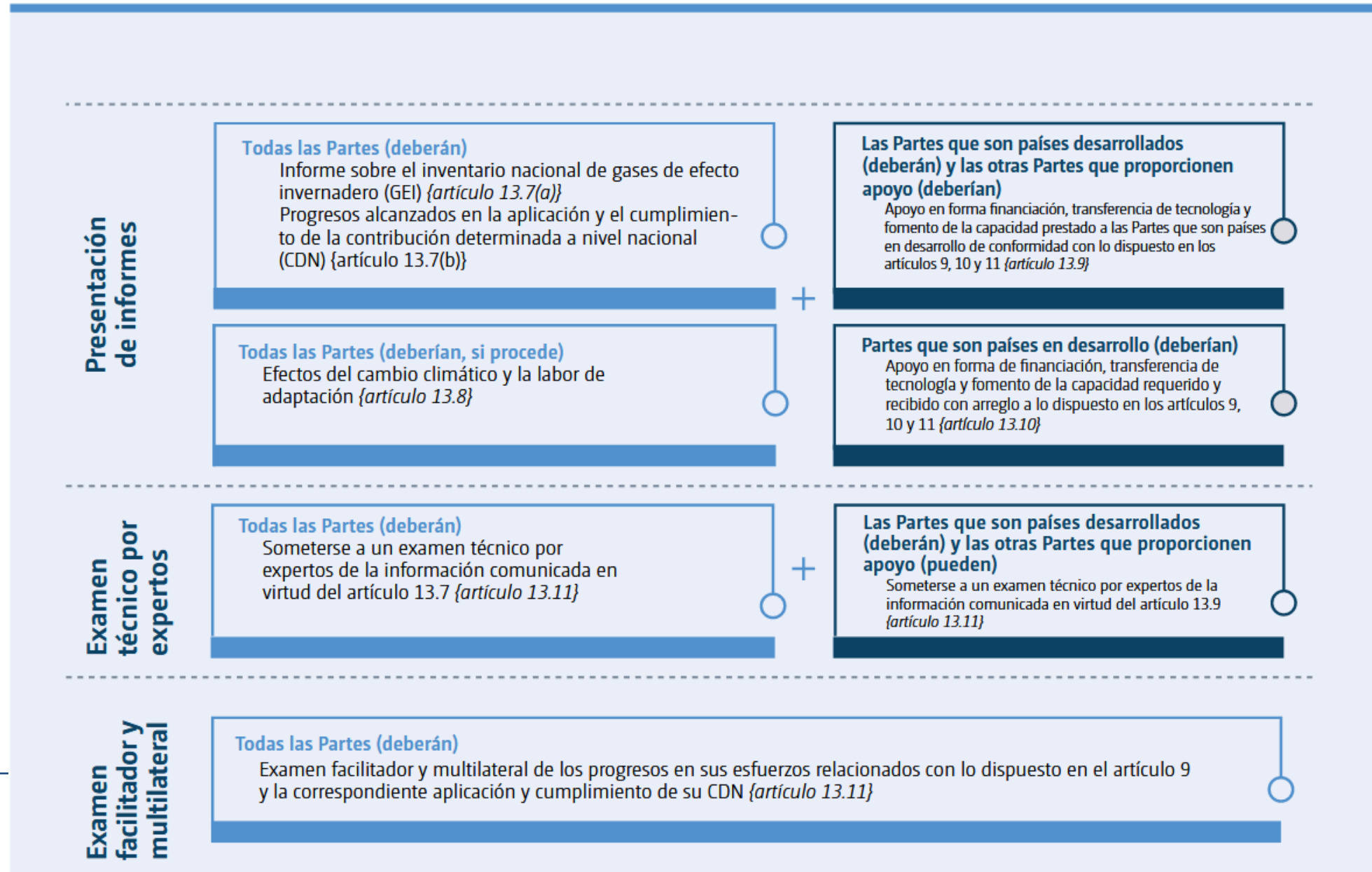
- Dar visión clara de las medidas adoptadas, aumentar la claridad y facilitar el seguimiento de los progresos realizados en relación a la CDN de cada Parte, las medidas de adaptación, para informar el balance mundial (GST)

Propósito: transparencia del apoyo

- Dar una visión clara del apoyo prestado o recibido por las distintas Partes en el contexto de las medidas para hacer frente al cambio climático, ofrecer, en lo posible, un panorama completo del apoyo financiero agregado que se haya prestado, informar el GST



Resumen del marco de transparencia reforzado (MTR)



MTR se basa y refuerza los arreglos actuales de MRV

Los refuerzos más importantes

- Se establecieron **modalidades, procedimientos y directrices (MPD) comunes para todas las Partes**, ofreciendo **flexibilidad** para la Partes que son países en desarrollo teniendo en cuenta **sus capacidades**
- **Mejora continua**: Cada parte debería (en la medida de lo posible) identificar, actualizar periódicamente y presentar información sobre las áreas de mejora
- Disposiciones y requerimientos mayormente mandatorios (“**shall**” o “**deberá**”)
- **Comité del Artículo 15** (mecanismo para facilitar la aplicación y promover el cumplimiento): relación entre la CDN, la presentación de información, el examen técnico, examen facilitador y multilateral.



Flexibilidad a la luz de las capacidades

MPD del MRT especifican las disposiciones de flexibilidad para aquellas Partes que son países en desarrollo y que requieren de ella a la luz de sus capacidades.

Las disposiciones específicas de flexibilidad se refieren a:

- Reporte de emisiones antropogénicas por las fuentes y la absorciones antropogénicas por los sumideros de GEI en el informe sobre el inventario nacional de GEI
- [Reporte de la información necesaria para hacer un seguimiento de los progresos alcanzados en la aplicación y el cumplimiento de la CDN](#)
- El examen técnico
- El examen facilitador y multilateral de los progresos

Los países en desarrollo son quienes determinan su uso de la flexibilidad



*Más información: [Manual técnico para las Partes que son países en desarrollo sobre la preparación para la aplicación del marco de transparencia reforzado según el Acuerdo de París, 2023, UNFCCC](#)

Flexibilidad a la luz de las capacidades

Disposiciones de flexibilidad para aquellas Partes que son países en desarrollo que la necesiten a la luz de sus capacidades en relación con la comunicación de los progresos alcanzados en la aplicación y el cumplimiento de la **contribución determinada a nivel nacional**

REFERENCIA EN LAS MPD (ANEXO DE LA DECISIÓN 18/CMA.1)	DISPOSICIÓN EN LAS MPD	DISPOSICIÓN DE FLEXIBILIDAD PARA AQUELLAS PARTES QUE SON PAÍSES EN DESARROLLO QUE LA NECESITEN A LA LUZ DE SUS CAPACIDADES:
Párrafo 85 <i>Reducciones de las emisiones de GEI logradas y proyectadas para las PAM</i>	Cada Parte deberá proporcionar, en la medida en que sea posible, estimaciones de las reducciones de las emisiones de GEI logradas y proyectadas de sus PAM	No obstante, se las alienta a que comuniquen esta información
Párrafo 92 <i>Proyecciones de las emisiones I y de la absorción de GEI</i>	Cada Parte deberá comunicar sus proyecciones	No obstante, se las alienta a que comuniquen esas proyecciones
Párrafo 95 <i>Ampliación de las proyecciones</i>	Las proyecciones tendrán como punto de partida el año del informe del inventario nacional más reciente de la Parte e incluirán por lo menos 15 años hasta un año que termine en cero o cinco	Pueden ampliar sus proyecciones, como mínimo, hasta el término de su CDN
Párrafo 102 <i>Cobertura o metodología de las proyecciones</i>	Véanse los párrafos 93-101 del anexo de la decisión 18/CMA.1	Pueden presentar la información utilizando una metodología o una cobertura menos detalladas

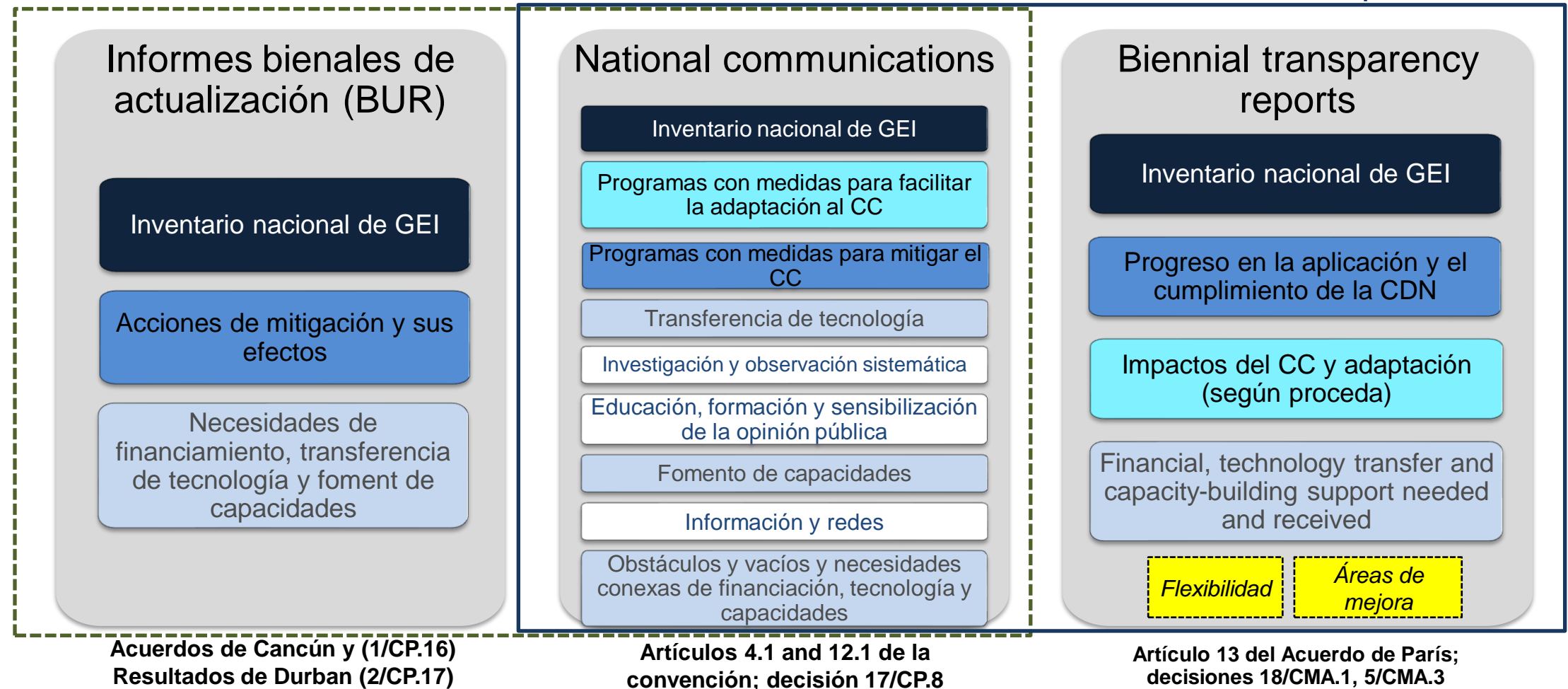


*Más información: [Manual técnico para las Partes que son países en desarrollo sobre la preparación para la aplicación del marco de transparencia reforzado según el Acuerdo de París, 2023, UNFCCC](#)

MTR en vista a los demás arreglos de MRV: areas de reporte

Arreglos de existentes de MRV

Marco de transparencia reforzado



Tener en cuenta: la naturaleza legal de las diferentes áreas de reporte varia según el tipo de reporte



Línea del tiempo para la transición entre MRV al MTR

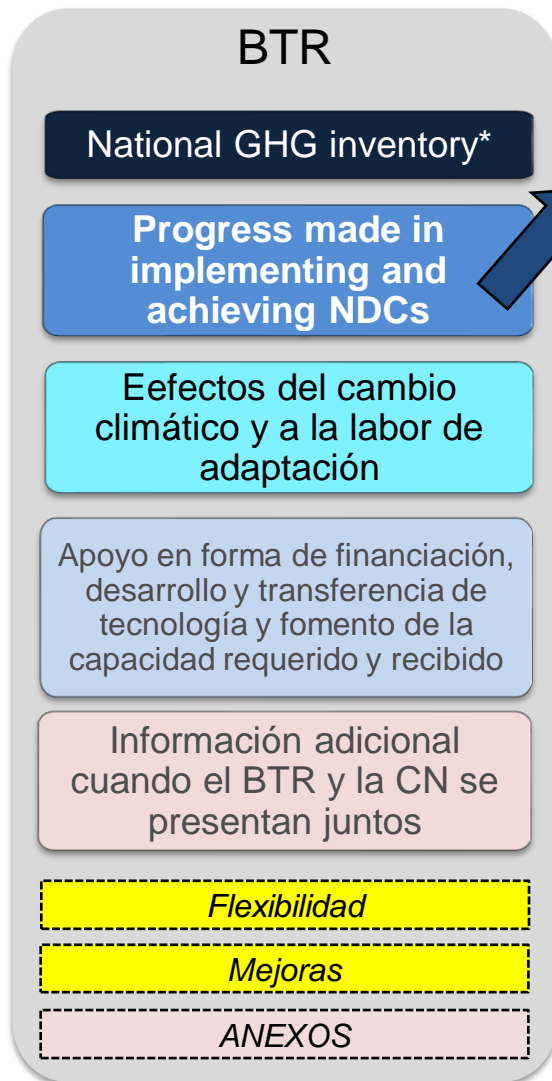


- Flexibilidad para aquellos países en Desarrollo que la requieren a la luz de sus capacidades.
- Facilitando la mejora de la presentación de información y la transparencia a lo largo del tiempo



*Parties may submit their NC and BTR as a single report
 TER: technical expert review; FMCP: Facilitative, multilateral consideration of progress

Esbozo del informe bienal de transparencia (BTR) (Decisión 5/CMA.3, Anexo IV)



Overview chapter

- I. National **inventory** report of anthropogenic emissions by sources and removals by sinks of GHGs (MPGs, para. 17-58)
- II. Information necessary to **track progress made in implementing and achieving NDCs** under Article 4 of the Paris Agreement (MPGs, para. 59-103)
- III. Information related to **climate change impacts and adaptation** under Article 7 of the Paris Agreement (MPGs, para. 104-117)
- IV. Information on financial, technology development and transfer and capacity-building support **provided and mobilized** under Articles 9–11 of the Paris Agreement (MPGs, para. 118-129)
- V. Information on financial, technology development and transfer and capacity-building **support needed and received** under Articles 9–11 of the Paris Agreement (MPGs, para. 130-145)
- VI. Information to be reported **when NCs and BTRs are submitted jointly** every four years (1/CP.24, para. 43) (*vulnerability assessment, cc impacts and adaptation measures-if not reported in section III; RSO; education, training and public awareness*)
- VII. Information on **flexibility** (MPGs, para. 6) (*Indication of (1) reporting provisions to which self-determined flexibility is applied, (2) capacity constraints in relation to the application of flexibility and (3) self-determined estimated time frames for improvements in relation to those capacity constraints*)
- VIII. **Improvements in reporting** over time (MPGs, para. 7-8) (*areas of improvement, how these will be addressed, which areas are related to flexibility provisions, reporting-related CB support needs*)
- IX. Any other information the Party considers relevant to the achievement of the objective of the Paris Agreement, and suitable for inclusion in its BTR

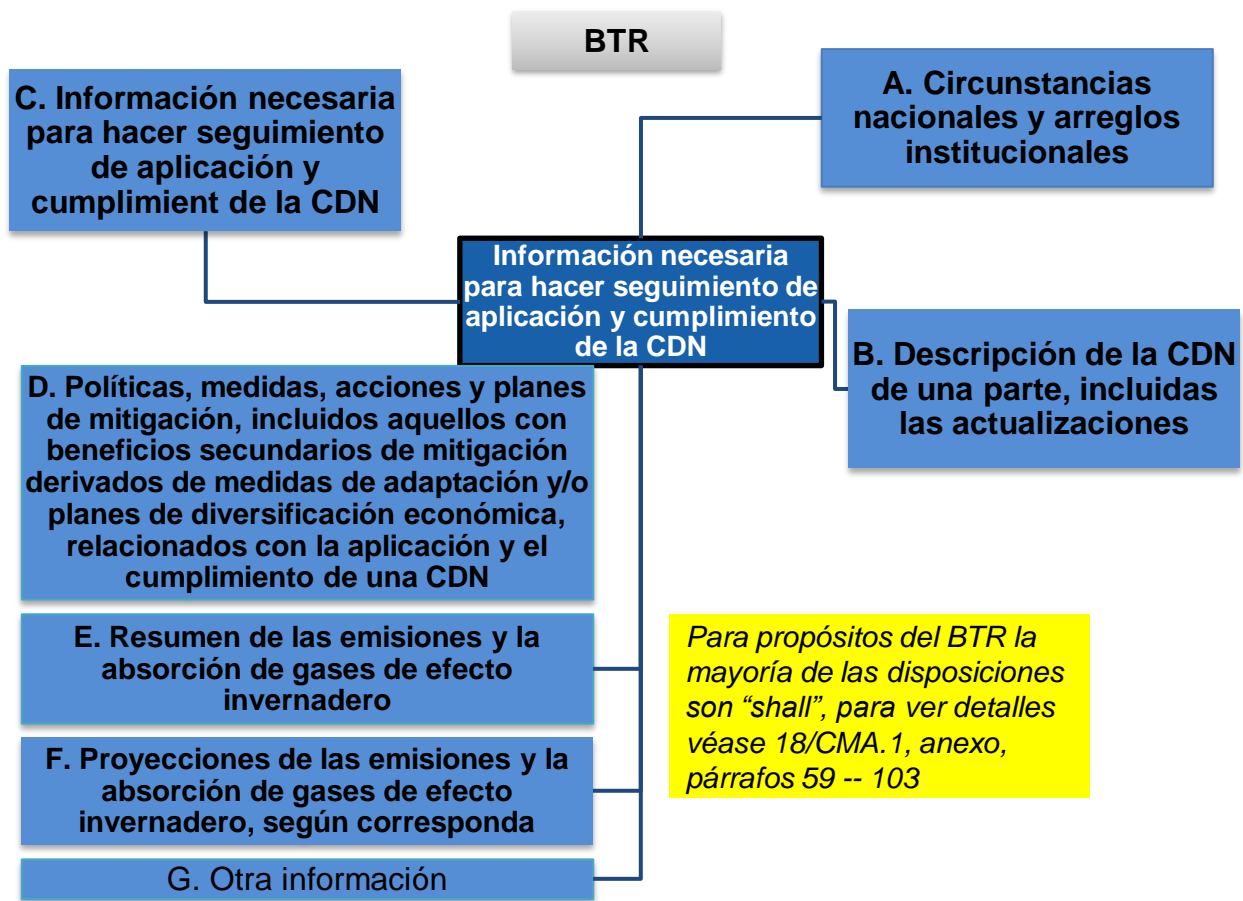
Annexes: (i) **Technical annexes for REDD+**, as applicable; (ii) **CRTs for electronic reporting of NIR**; (iii) **CTFs for electronic reporting of tracking progress in NDCs, FTC support** provided/mobilized and/or needed and received; (iv) Information in relation to the Party's **participation in cooperative approaches**, as applicable



Presentación de información para el seguimiento del progreso de las CDN

Sección III de las MPD

Presentar la información relevant en forma de:
+ resumen estructurado
Forma descriptiva
+ formularios comunes tabulares (CTF)



Para propósitos del BTR la mayoría de las disposiciones son "shall", para ver detalles véase 18/CMA.1, anexo, párrafos 59 -- 103

BUR

- Metodologías y supuestos
- Objetivos de la acción y medidas adoptadas o previstas para lograr dicha acción
- Progreso de la implementación de las acciones de mitigación y las medidas subyacentes adoptadas o previstas, así como los resultados alcanzados, tales como los resultados estimados (métricas en función del tipo de acción) y las reducciones de emisiones estimadas, en la medida de lo posible
- Mecanismos internacionales de mercado
- Descripción de las disposiciones nacionales de MRV

En forma de tabla



Acuerdo de París, Art. 13

Párrafo 7

1/CMA.18, MPD

Anexo

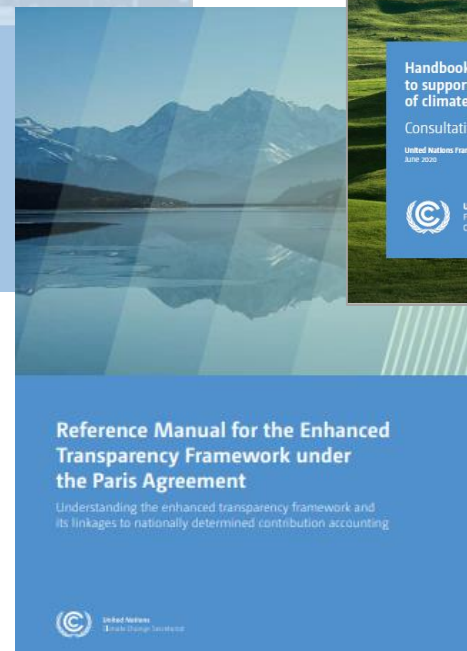
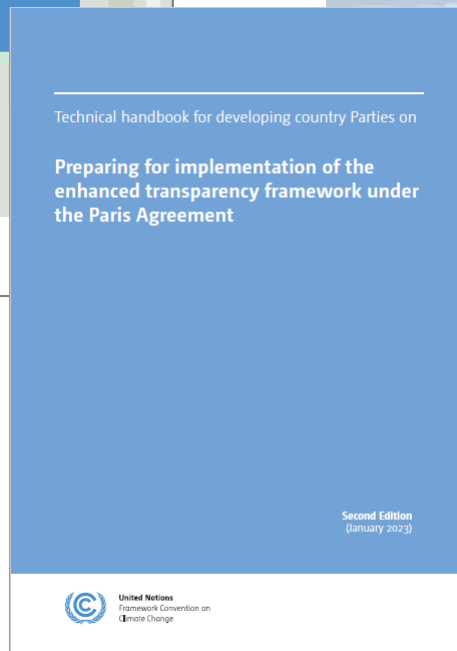
Sección III

5/CMA.3, orientaciones

Operacionalización

Formularios
comunes

Gracias por la atención!



[CGE \(Consultative
Group of Experts\)](https://unfccc.int/CGE)

<https://unfccc.int/CGE>



ETFsupport@unfccc.int



Información adicional (en inglés)



Reporting information on tracking progress of NDCs

A. National circumstances and institutional arrangements

- Each Party **shall** describe its **national circumstances relevant** to progress made in implementing and achieving its NDC, including:



- Each Party **shall** provide information on:
 - how its national circumstances affect GHG emissions and removals** over time.
 - the institutional arrangements in place to track progress of NDCs, including those used for tracking ITMOs*, if applicable.**
 - legal, institutional, administrative and procedural arrangements** for domestic implementation, monitoring, reporting, archiving of information and stakeholder engagement related to the implementation and achievement of its NDC.



* ITMOs: Internationally transferred mitigation outcomes

Reporting information on tracking progress of NDCs

B. Description of a Party's NDC, including updates

Each Party **shall** provide a **description of its NDC**, against which progress will be tracked:

	Description
Target(s) and description, including target type(s)*, as applicable	
Target year(s) or period(s), and whether they are single-year or multi-year target(s), as applicable	
Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s), as applicable	
Time frame(s) and/or periods for implementation, as applicable	
Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases, as applicable	
Intention to use cooperative approaches that involve the use of ITMOs under Article 6 towards NDCs under Article 4 of the Paris Agreement, as applicable	
Any updates or clarifications of previously reported information, as applicable	

→ *This table is to be used by Parties on a voluntary basis, however information items are shall*

→ Parties with both unconditional and conditional targets in their NDC may add a row to the table to describe conditional targets

→ This information overlaps with NDC/ICTU, ensure consistency or explain changes/updates



* *Examples of target types:* economy-wide absolute emission reduction, emission intensity reduction, emission reduction below a projected baseline, mitigation co-benefits of adaptation actions or economic diversification plans, policies and measures, etc.

Reporting information on tracking progress of NDCs

C. Information necessary to track progress made in implementing and achieving NDCs

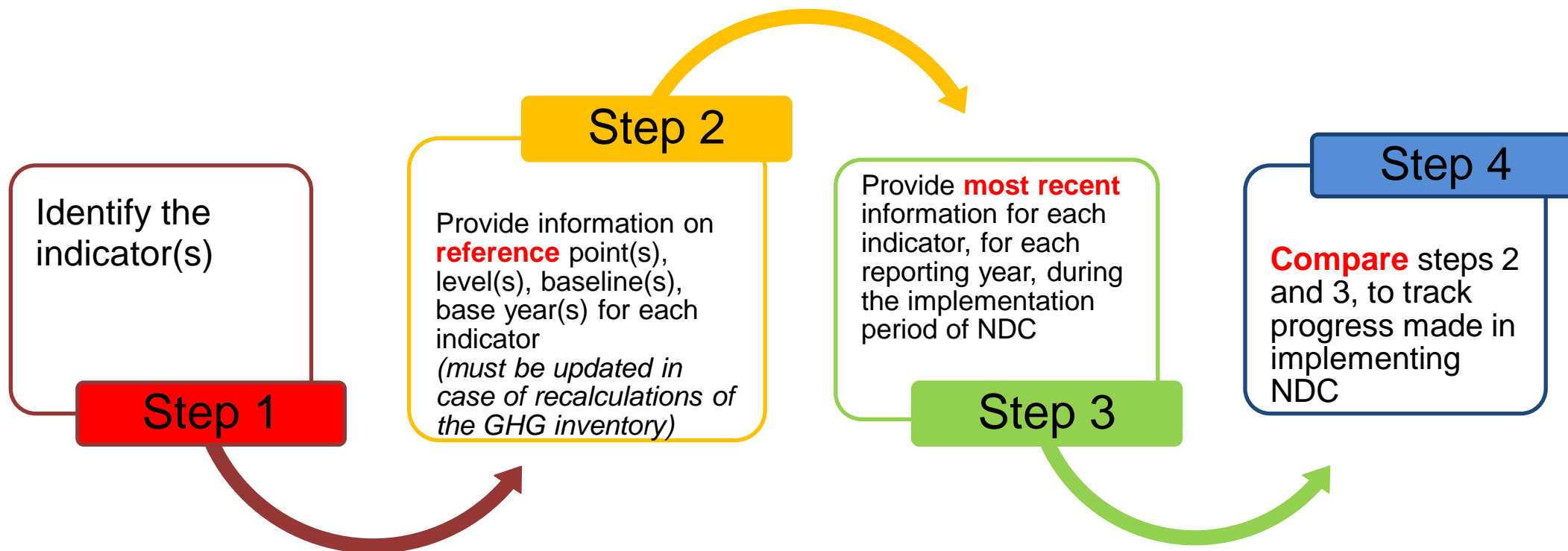
- Each Party **shall** identify **indicator(s)** (*quantitative or qualitative; relevant to the NDC*) to track progress towards implementation and achievement of its NDC
- Each Party **shall** provide:
 - the information for each selected indicator for the **reference point(s)**, level(s), baseline(s), base year(s); and the **most recent information** for each reporting year; and **compare** these
 - description of each **methodology and accounting approach** used for its NDC target, construction of baseline, and each indicator identified; [*key parameters, assumptions, definitions, data sources, models, IPCC guidelines, metrics, etc*]
 - all this information in a **structured summary** to track progress:
 - ✓ Information on indicators [*reference level; most recent; at the reporting years in between*]
 - ✓ GHG emissions and removals consistent with the scope of its NDC, where applicable;
 - ✓ Contribution from the LULUCF sector for each year of the target period or target year, as applicable;
 - ✓ Information on use of ITMOs, as applicable;
- Each Party **with an NDC that consists mitigation co-benefits** from adaptation actions and economic diversification plans, **shall** provide information on domestic policies and measures implemented to address social and economic consequences of response measures.



Reporting information on tracking progress of NDCs

C. Information necessary to track progress made in implementing and achieving NDCs

Overview of steps for Parties to track progress of their NDCs by indicators:



- For the first BTR that contains information on the end year of NDC, provide assessment of whether target is achieved.



Reporting information on tracking progress of NDCs

C. Information necessary to track progress made in implementing and achieving NDCs

STRUCTURED SUMMARY: 1. Description of selected indicators

<i>Indicator(s) selected to track progress</i>	<i>Description</i>
{indicator}	
Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate	
Updates in accordance with any recalculation of the GHG inventory, as appropriate	
Relation to NDC	

Custom footnotes:

Documentation box:



Reporting information on tracking progress of NDCs

C. Information necessary to track progress made in implementing and achieving NDCs

STRUCTURED SUMMARY: 2. Definitions needed to understand NDC

	<i>Description</i>
<i>Definition needed to understand each indicator:</i>	
{indicator}	
<i>Any sector or category defined differently than in the NIR:</i>	
{Sector}	
{Category}	
<i>Definition needed to understand mitigation co-benefits of adaptation actions and/or economic diversification plans:</i>	
{Mitigation co-benefit(s)}	
<i>Any other relevant definitions:</i>	
{...}	

Custom footnotes:

Documentation box:



Reporting information on tracking progress of NDCs

C. Information necessary to track progress made in implementing and achieving NDCs

STRUCTURED SUMMARY: 3. Methodologies and accounting approaches

Reporting requirement	Description or reference to the relevant section of the BTR
For the first NDC under Article 4: ^a	
Accounting approach, including how it is consistent with Article 4, paragraphs 13–14, of the Paris Agreement	
For the second NDC, optionally for the first NDC under Article 4: ^c	
Information consistent with decision 4/CMA.1	<i>Accounting for anthropogenic emissions and removals in accordance with methodologies and common metrics assessed by the Paris Agreement</i>
Explain how emissions and removals were accounted for (para. 1(a))	Striving to include all categories of anthropogenic emissions or removals in the NDC and, once a source, sink or activity is included, continuing to include it (para. 3 of annex II to decision 4/CMA.1): Each method to assess target(s). Explain how all categories of anthropogenic emissions and removals corresponding to their NDC were accounted for (para. 3(a) of annex II to decision 4/CMA.1)
Explain how any GHG accounting (Article 13, applicable)	Each method for the coverage possible. Explain how Party is striving to include all categories of anthropogenic emissions and removals in its NDC, and, once a source, sink or activity is included, continue to include it (para. 3(b) of annex II to decision 4/CMA.1)
Explain how been avoided used for accounting (4/CMA.1)	If the method assesses the indicator. Provide an explanation of why any categories of anthropogenic emissions or removals are excluded (para. 4 of annex II to decision 4/CMA.1)
	<i>Each Party that participates in cooperative approaches that involve the use of ITMOs towards an NDC under Article 4, or authorizes the use of mitigation outcomes for international mitigation purposes other than achievement of its NDC</i>
	Any conditions of its NDC. Provide information on any methodologies associated with any cooperative approaches that involve the use of ITMOs towards an NDC under Article 4 (para. 75(f) of the MPGs)
	Provide information on how each cooperative approach promotes sustainable development, consistent with decisions adopted by the CMA on Article 6 (para. 77(d)(iv) of the MPGs)

Description or reference to the relevant section of BTR:

- Methodologies and accounting approaches
- Metrics and IPCC guidelines
- Assumptions, key parameters, definitions, data sources, models
- Consistency (communicated and implemented NDC; accounting for NDC and GHG inventory)
- Changes (corrections, improvements, updates)
- Inclusion of all relevant categories, and exclusions
- Information associated with any cooperative approaches that involve use of ITMOs, if applicable



Reporting information on tracking progress of NDCs

C. Information necessary to track progress made in implementing and achieving NDCs

STRUCTURED SUMMARY: 4. Tracking progress made in implementing and achieving the NDC

	Unit	Reference level	<u>Implementation period of the NDC</u>					Target level	Target year	Progress made (comparison of most recent and ref. level)
			Year 1	Year 2			
{Indicators}										
Total GHGs, consistent with NDC coverage										→ Where the goal is an economy-wide emission reduction target, data from GHG inventory; → Where the goal covers a subset of the economy, data will be a subset of the GHG inventory
Contribution from LULUCF sector, as applicable										→ may not be applicable to all NDC goal types if the NDC does not cover the LULUCF sector.
ITMOs										→ may not be applicable, if ITMOs will not be considered towards the NDC goal
Assessment of the achievement of the NDC: → Restatement of the target → Information for reference level → Final information for the indicator at the target year → Comparison → Achievement of NDC (Y/N, explanation)										→ in the first BTR that contains information on the end year of NDC



Reporting information on tracking progress of NDCs

D. Mitigation policies and measures, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans, related to implementing and achieving an NDC

- Each Party **shall** provide information on **policies, actions and measures that support implementation of its NDC**, focusing on those that have the most significant impact on GHG emissions or removals and those impacting key categories in the national GHG inventory
- To the extent possible, Parties **shall** organize reporting of actions **by sector** (energy, transport, IPPU, agriculture, LULUCF, waste, other), in a tabular format, including relevant information on mitigation co-benefits, as applicable:

Name	Description	Objectives	Type of instrument (regulatory, economic, other)	Status (planned, adopted, implemented)	Sectors affected	Gasses affected	Start year of implementation	Implementing entity
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- Each Party may also provide information on related costs, non-GHG mitigation benefits and how these actions interact with each other, as appropriate
- Each Party **shall** provide information on **estimates of expected and achieved GHG emission reductions [FX: encouraged];** and **methodologies and assumptions used**, to the extent possible
- Each Party should: identify PAMs no longer in-place and explain why; provide information on how its PAMs are modifying longer-terms trends in GHG emissions and removals



Reporting information on tracking progress of NDCs

D. Mitigation policies and measures, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans, related to implementing and achieving an NDC

5. Mitigation policies and measures, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans, related to implementing and achieving an NDC

Name*	Description**	Objectives	Type of instrument (i.e. regulatory, economic instrument or other)	Status (i.e. planned, adopted or implemented)	Sectors affected [^]	Gasses affected	Start year of implementation	Implementing entity or entities	Estimates of GHG emissions reductions (kt CO ₂ eq)	
									Achieved	Expected

*Parties may indicate whether a measure is included in the 'with measures' projections.

** Parties may/should, to the extent possible, provide information including, costs, non-GHG benefits, interactions, those influencing international transport, how PAMs are modifying longer term trends in GHGs.

[^] Energy, transport, industrial processes and product use, agriculture, LULUCF, waste management or other.

12. Information necessary to track progress on the implementation and achievement of the domestic policies and measures implemented to address the social and economic consequences of response measures

Sectors and activities associated with the response measures	Social and economic consequences of the response measures	Challenges in and barriers to addressing the consequences	Actions to address the consequences



Reporting information on tracking progress of NDCs

E. Summary of greenhouse gas emissions and removals

- Each Party, that submits a stand-alone national inventory report, **shall** provide a **summary of its GHG emissions and removals**.
- This information shall be provided for those reporting years corresponding to the Party's most recent national inventory report, in a tabular format.

➤ the common reporting table 10 emission trends – summary

GREENHOUSE GAS EMISSIONS AND REMOVALS	Reference year/period for NDC ⁽¹⁾	Base year ⁽²⁾	1990 ⁽¹⁾	(Years 1991 to 2019)	(Years 1991 to 2019)	2020	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	Change from [1990][base year][reference year][period] to latest reported year (%)
CO ₂ equivalents (kt) ⁽³⁾										
CO ₂ emissions without net CO ₂ from LULUCF										
CO ₂ emissions with net CO ₂ from LULUCF										
CH ₄ emissions without CH ₄ from LULUCF										
CH ₄ emissions with CH ₄ from LULUCF										
N ₂ O emissions without N ₂ O from LULUCF										
N ₂ O emissions with N ₂ O from LULUCF										
HFCs										
PFCs										
Unspecified mix of HFCs and PFCs										
SF ₆										
NF ₃										
Total (without LULUCF)										
Total (with LULUCF)										
Total (without LULUCF, with indirect)										
Total (with LULUCF, with indirect)										
GREENHOUSE GAS SOURCE AND SINK CATEGORIES										
	Reference year/period for NDC ⁽¹⁾	Base year ⁽²⁾	1990	(Years 1991 to 2019)	(Years 1991 to 2019)	2020	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	Change from 1990[base year][reference year][period] to latest reported year (%)
CO ₂ equivalents (kt) ⁽³⁾										
1. Energy										
2. Industrial processes and product use										
3. Agriculture										
4. Land use, land-use change and forestry ⁽⁴⁾										
5. Waste										
6. Other										
Total (with LULUCF) ⁽⁶⁾										



Reporting information on tracking progress of NDCs

F. Projections of greenhouse gas emissions and removals, as applicable

- Each Party **shall** report **projections for emissions and removals [FX: encouraged]**
- Projections will be indicative on future trends, and will not be used to assess progress towards NDC, unless a Party identified the reported projection as its baseline.

“with measures”
(shall)

“with additional
measures” (may)

“without
measures” (may)

- Projections **shall** begin from most recent year in the Party’s inventory report and extend **at least 15 years beyond** the next year ending in zero or five **[FX: extend their projections at least to the end point of their NDC]**
- Each Party should provide information on the **methodology used to develop projections:**
 - Models, approaches, key assumptions, parameters (*GDP rate/level, population growth rate/level, etc.*)
 - Changes in methodology since the latest BTR
 - Assumptions on policies and measures included in WM and WAM projections, if included
 - Sensitivity analysis for the projections
- Each Party **shall** report projections for **key indicators to determine progress towards its NDC**
- Each Party **shall** include projections on a **sectoral basis and by gas**, as well as **for the national total**
- Projections **shall** be presented relative to actual inventory data (for preceding years) and be provided with and without LULUCF



[FX: can report using less detailed methodology or coverage]

Reporting information on tracking progress of NDCs

7, 8, 9. Information on projections of GHG emissions and removals

	Most recent year in the NIR (kt CO ₂ eq)	Projections of GHG emissions and removals (kt CO ₂ eq)		
	20XX	20X(0)(5)	20X(0)(5)	20X(0)(5)
Sector				
Energy				
Transport				
IPPU				
Agriculture				
LULUCF				
Waste				
Other (specify)				
Gas				
CO ₂ emissions including net CO ₂ from LULUCF				
CO ₂ emissions excluding net CO ₂ from LULUCF				
CH ₄ emissions including CH ₄ from LULUCF				
CH ₄ emissions excluding CH ₄ from LULUCF				
N ₂ O emissions including N ₂ O from LULUCF				
N ₂ O emissions excluding N ₂ O from LULUCF				
HFCs				
PFCs				
SF ₆				
NF ₃				
Other (specify)				
Total with LULUCF				
Total without LULUCF				



Separate CTFs for each scenario:

- WM [shall]
- WAM [may]
- WOM [may]

10. Projections of key indicators

Key indicator(s)	Unit, as applicable	Most recent year in the NIR, or the most recent year for which data is available 20XX	Projections of key indicators		
			20X(0)(5)	20X(0)(5)	20X(0)(5)

11. Key underlying assumptions and parameters used for projections

Key underlying assumptions and parameters	Unit, as applicable	Most recent year in the NIR, or the most recent year for which data is available 20XX	Projections of key underlying assumptions and parameters		
			20X(0)(5)	20X(0)(5)	20X(0)(5)

