




# KEY REQUIREMENTS

Of the Current Framework and the Enhanced Transparency Framework

Annual Partnership Retreat 2019, Beirut, Lebanon

 WORLD RESOURCES INSTITUTE

# KEY

NC AI	NC NAI	BR	BUR	BTR	New*	Flex?
National Communications Annex I	National Communications Non-Annex I	Biennial Report Guidelines	Biennial Update Report Guidelines	Biennial Transparency Report MPGs	Y/N	Y/N
UNFCCC guidelines on reporting and review and 24/CP.19	17.CP.8 Annex	2/CP.17 Annex I	2/CP.17 Annex III	18/CMA.1 Annex		

\*New from a developing country perspective

# NATIONAL CIRCUMSTANCES

NC AI	NC NAI	BTR	New	Flex?
8. Parties <b>shall</b> provide a description of their national circumstances, how national circumstances affect greenhouse gas (GHG) emissions and removals, and how national circumstances and changes in national circumstances affect greenhouse gas emissions and removals over time....	3. Non-Annex I Parties <b>should</b> provide a description of their national and regional development priorities, objectives and circumstances, on the basis of which they will address climate change and its adverse impacts....	II. B. paras 18 – 19 Each Party <b>shall</b> report... III. A. paras 59 – 62 Each Party <b>shall</b> describe... IV. A. para 106 Each Party <b>should</b> provide... V. A. paras 118 -120 Developed country Parties <b>shall</b> provide... VI. A. para 130 Developing country Parties <b>should</b> provide...	Y	N

Not specifically required in BRs and BURs, but many countries still include information on their national circumstances.

# NATIONAL GHG INVENTORY

## IPCC Guidelines

NC AI	NC NAI	BTR	New	Flex?
<p>9. Annex I Parties <b>shall</b> use the methodologies provided in the 2006 IPCC Guidelines, unless stated otherwise in the UNFCCC Annex I inventory reporting guidelines, and any supplementary methodologies agreed by the COP, and other relevant COP decisions to estimate anthropogenic emissions by sources and removals by sinks of GHGs not controlled by the Montreal Protocol.</p>	<p>8. Non-Annex I Parties <b>should</b> use the Revised 1996 Intergovernmental Panel on Climate Change (IPCC) Guidelines for National Greenhouse Gas Inventories, hereinafter referred to as the IPCC Guidelines, for estimating and reporting their national GHG inventories</p>	<p>20. Each Party <b>shall</b> use the 2006 IPCC Guidelines, and shall use any subsequent version or refinement of the IPCC guidelines agreed upon by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA). Each Party is encouraged to use the 2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands.</p>	Y	N

# NATIONAL GHG INVENTORY

## Key Category Analysis

NC AI	NC NAI	BTR	New	Flex?
<p>14. Annex I Parties <b>shall</b> identify their <b>key categories for the base year and the latest reported inventory year</b>, using approach 1, level and trend assessment, including and excluding LULUCF. Parties are encouraged to also use approach 2 and to add additional key categories to the result of approach 1.</p>	<p>12. Non-Annex I Parties are also <b>encouraged</b>, to the extent possible, to <b>undertake any key source analysis as indicated in the IPCC good practice guidance</b> to assist in developing inventories that better reflect their national circumstances.</p>	<p>25. Each Party <b>shall</b> identify <b>key categories for the starting year and the latest reporting year</b> referred to in chapter II.E.3 below, including and excluding land use, land-use change and forestry (LULUCF) categories, using approach 1, for both level and trend assessment, by implementing a key category analysis consistent with the IPCC guidelines referred to in paragraph 20 above; those developing country Parties that need flexibility in the light of their capacities with respect to this provision have the flexibility to instead identify key categories using a threshold no lower than 85 per cent in place of the 95 per cent threshold defined in the IPCC guidelines referred to in paragraph 20 above, allowing a focus on improving fewer categories and prioritizing resources.</p>	<p>Y</p>	<p>Y</p>

# NATIONAL GHG INVENTORY

## Time Series

BUR	BTR	New	Flex?
7. Each non-Annex I Party is <b>encouraged</b> to provide a consistent time series back to the years reported in the previous national communications.	57. Each Party <b>shall</b> report a consistent annual time series starting from 1990; <u>those developing country Parties that need flexibility in the light of their capacities with respect to this provision have the flexibility to instead report data covering, at a minimum, the reference year/period for its NDC under Article 4 of the Paris Agreement and, in addition, a consistent annual time series from at least 2020 onwards.</u>	Y	Y

# NATIONAL GHG INVENTORY

## Reporting Year

BUR	BTR	New	Flex?
41. G That the first biennial update report submitted by non-Annex I Parties <b>shall</b> cover, at a minimum, the inventory for the calendar year no more than four years prior to the date of the submission, or more recent years if information is available, and that subsequent biennial update reports shall cover a calendar year that does not precede the submission date by more than four years;	58. For each Party, the latest reporting year <b>shall</b> be no more than two years prior to the submission of its national inventory report; <u>those developing country Parties that need flexibility in the light of their capacities with respect to this provision have the flexibility to instead have their latest reporting year as three years prior to the submission of their national inventory report.</u>	Y	Y

# NATIONAL GHG INVENTORY

## Gases

NC AI	NC NAI	BTR	New	Flex?
<p>28. ... As a minimum requirement, inventories <b>shall</b> contain information on the following GHGs: carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>).</p>	<p>14. Each non-Annex I Party <b>shall</b>, as appropriate and to the extent possible, provide..., estimates of anthropogenic emissions of carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and nitrous oxide (N<sub>2</sub>O) by sources and removals by sinks.</p> <p>15. Non-Annex I Parties are <b>encouraged</b>, as appropriate, to provide information on anthropogenic emissions by sources of hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) and sulphur hexafluoride (SF<sub>6</sub>).</p>	<p>48. Each Party <b>shall</b> report seven gases (CO<sub>2</sub>, methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>)); <u>those developing country Parties that need flexibility in the light of their capacities with respect to this provision have the flexibility to instead report at least three gases (CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O) as well as any of the additional four gases (HFCs, PFCs, SF<sub>6</sub> and NF<sub>3</sub>) that are included in the Party's NDC under Article 4 of the Paris Agreement, are covered by an activity under Article 6 of the Paris Agreement, or have been previously reported</u></p>	<p>Y</p>	<p>Y</p>



# INFORMATION TO TRACK PROGRESS

## Description of a Party's NDC

BR	BUR	BTR	New	Flex?
NA	NA	<p>64. Each Party <b>shall provide a description of its NDC under Article 4, against which progress will be tracked.</b> The information provided shall include the following, as applicable, including any updates to information previously provided:</p> <p>(a) Target(s) and description, including target type(s) (e.g. 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, and other);</p> <p>(b) Target year(s) or period(s), and whether they are single-year or multi-year target(s);</p> <p>(c) Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s);</p> <p>(d) Time frame(s) and/or periods for implementation;</p> <p>(e) Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases;</p> <p>(f) Intention to use cooperative approaches that involve the use of internationally transferred mitigation outcomes under Article 6 towards NDCs under Article 4 of the Paris Agreement;</p> <p>(g) Any updates or clarifications of previously reported information (e.g. recalculation of previously reported inventory data, or greater detail on methodologies or use of cooperative approaches).</p>	Y	N

# INFORMATION TO TRACK PROGRESS

## Information Necessary to Track Progress

BR	BUR	BTR	New	Flex?
NA	NA	65. Each Party <b>shall identify the indicator(s)</b> that it has selected to track progress towards the implementation and achievement of its NDC under Article 4. Indicators shall be relevant to a Party's NDC under Article 4, and may be either qualitative or quantitative.	Y	N
NA	NA	67. Each Party <b>shall provide the information for each selected indicator for the reference point(s), level(s), baseline(s), base year(s) or starting point(s)</b> , and shall update the information in accordance with any recalculation of the GHG inventory, as appropriate.	Y	N
NA	NA	68. Each Party <b>shall provide the most recent information for each selected indicator</b> identified in paragraph 65 above for each reporting year during the implementation period of its NDC under Article 4.	Y	N
NA	NA	69. Each Party <b>shall compare the most recent information for each selected indicator with the information provided pursuant to paragraph 67 above to track progress</b> made in implementing its NDC under Article 4.	Y	N

# INFORMATION TO TRACK PROGRESS

## Mitigation Policies and Measures

BR	BUR	BTR	New	Flex?
<p>6. Each Annex I Party <b>shall</b> provide information on its mitigation actions, including on the policies and measures it has implemented or plans to implement since its last national communication or biennial report to achieve its economy-wide emission reduction target. To the extent appropriate, Parties shall organize the reporting of mitigation actions by sector (energy, industrial processes and product use, agriculture, LULUCF, waste and other sectors) and by gas (carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride).</p>	<p>11. Non-Annex I Parties <b>should</b> provide information, in a tabular format, on actions to mitigate climate change, by addressing anthropogenic emissions by sources and removals by sinks of all GHGs not controlled by the Montreal Protocol.</p>	<p>80. Each Party <b>shall</b> provide information on actions, policies and measures that support the implementation and achievement of its NDC under Article 4 of the Paris Agreement, focusing on those that have the most significant impact on GHG emissions or removals and those impacting key categories in the national GHG inventory. <b>This information shall be presented in narrative and tabular format.</b></p>	N	N

# INFORMATION TO TRACK PROGRESS

## Mitigation Policies and Measures: estimates of expected and achieved GHG reductions

BR	BUR	BTR	New	Flex?
Included in CTF Table 3	NA	<b>85. Each Party shall provide, to the extent possible, estimates of expected and achieved GHG emission reductions for its actions, policies and measures in the tabular format</b> referred to in paragraph 82 above; <u>those developing country Parties that need flexibility in the light of their capacities with respect to this provision are instead encouraged to report this information.</u>	Y	Y

# INFORMATION TO TRACK PROGRESS

## Summary of GHG Emissions

BR	BUR	BTR	New	Flex?
NA	NA	91. Each Party that submits a stand-alone national inventory report <b>shall</b> 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.	Y	N

*Only applicable for Parties that submit a stand-alone inventory report*

# INFORMATION TO TRACK PROGRESS

## Projections of greenhouse gas emissions and removals, as applicable

BR	BUR	BTR	New	Flex?
11. Each Annex I Party <b>shall</b> report the <b>updated projections</b> for 2020 and 2030 consistent with the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications” (hereinafter referred to as the UNFCCC Annex I reporting guidelines on national communications).	NA	92. Each Party <b>shall</b> report projections pursuant to paragraphs 93–101 below; those developing country <u>Parties that need flexibility in the light of their capacities are instead encouraged to report these projections.</u>	Y	Y

# CLIMATE CHANGE IMPACTS AND ADAPTATION

## Reporting

NC AI	NC NAI	BTR	New	Flex?
<p>49. A national communication <b>shall</b> include information on the expected impacts of climate change and an outline of the action taken to implement Article 4.1(b) and (e) with regard to adaptation. ... Parties may refer, inter alia, to integrated plans for coastal zone management, water resources and agriculture. Parties may also report on specific results of scientific research in the field of vulnerability assessment and adaptation.</p>	<p>28. Each Party <b>shall</b>, in accordance with Article 12, paragraph 1 (b) and (c), of the Convention, provide to the COP information on the general descriptions of steps taken or envisaged towards formulating, implementing, publishing and regularly updating national and, where appropriate, regional programmes containing measures to facilitate adequate adaptation to climate change, and any other information they consider to be relevant to the achievement of the objective of the Convention and suitable for inclusion in their communications.</p>	<p>104. Each Party <b>should</b> provide information related to climate change impacts and adaptation under Article 7 of the Paris Agreement, as appropriate. Providing such information is not mandatory.</p>	N	N

# CLIMATE CHANGE IMPACTS AND ADAPTATION

## Impacts, risks and vulnerabilities

NC NAI	BTR	New	Flex?
<p>32. <b>Non-Annex I Parties are encouraged to provide information on the scope of their vulnerability and adaptation assessment, including identification of vulnerable areas that are most critical.</b></p> <p>33. <b>Non-Annex I Parties are encouraged to include a description of approaches, methodologies and tools used, including scenarios for the assessment of impacts of, and vulnerability and adaptation to, climate change, as well as any uncertainties inherent in these methodologies.</b></p> <p>34. <b>Non-Annex I Parties are encouraged to provide information on their vulnerability to the impacts of, and their adaptation to, climate change in key vulnerable areas.</b> Information should include key findings, and direct and indirect effects arising from climate change, allowing for an integrated analysis of the country's vulnerability to climate change</p>	<p>107. <b>Each Party should provide the following information, as appropriate:</b></p> <p>(a) Current and projected climate trends and hazards; (b) Observed and potential impacts of climate change, including sectoral, economic, social and/or environmental vulnerabilities; (c) Approaches, methodologies and tools, and associated uncertainties and challenges, in relation to paragraph 107(a) and (b) above</p>	N	N



# CLIMATE CHANGE IMPACTS AND ADAPTATION

## Adaptation strategies, policies, plans, goals and actions

NC NAI	BTR	New	Flex?
<p>35. Non-Annex I Parties are <b>encouraged</b> to provide information on and, to the extent possible, an evaluation of, strategies and measures for adapting to climate change, in key areas, including those which are of the highest priority.</p>	<p>109. Each Party <b>should</b> provide the following information, as appropriate: (a) Implementation of adaptation actions in accordance with the global goal on adaptation...; (b) Adaptation goals, actions, objectives, undertakings, efforts, plans ... strategies, policies, priorities (e.g. priority sectors, priority regions or integrated plans for coastal management, water and agriculture), programmes and efforts to build resilience; (c) How best available science, gender perspectives and indigenous, traditional and local knowledge are integrated ...; (d) Development priorities related to climate change adaptation and impacts; (e) Any adaptation actions and/or economic diversification plans leading to mitigation co-benefits; (f) Efforts to integrate climate change into development efforts..., including related capacity-building activities; (g) Nature-based solutions ...; (h) Stakeholder involvement...</p>	N	N

# CLIMATE CHANGE IMPACTS AND ADAPTATION

## Loss and Damage

NC AI / BR	NC NAI / BUR	BTR	New	Flex?
NA	NA	<p>115. Each interested Party <b>may</b> provide, as appropriate, information related to enhancing understanding, action and support, on a cooperative and facilitative basis, to avert, minimize and address loss and damage associated with climate change impacts, taking into account projected changes in climate-related risks, vulnerabilities, adaptive capacities and exposure, including, as appropriate, on: (a) Observed and potential climate change impacts, including those related to extreme weather events and slow onset events, drawing upon the best available science; (b) Activities related to averting, minimizing and addressing loss and damage associated with the adverse effects of climate change; (c) Institutional arrangements to facilitate the implementation of the activities referred to in paragraph 115(b) above</p>	Y	N

# SUPPORT PROVIDED AND MOBILIZED

## Reporting

BR	BUR	BTR	New	Flex?
<p>13. Parties included in Annex II to the Convention (Annex II Parties) <b>shall provide information on the provision of financial, technological and capacity-building support</b> to non-Annex I Parties consistent with the requirements contained in section VIII of the UNFCCC Annex I reporting guidelines on national communications following common reporting formats, including information to show how this support is new and additional. In reporting such information, Parties should distinguish, to the extent possible, between support provided to non-Annex I Parties for mitigation and adaptation activities, noting the capacity-building elements of such activities, where relevant. For activities with multiple objectives, the funding could be reported as a contribution allocated partially to the other relevant objectives.</p>	NA	<p>118. Developed country Parties <b>shall provide information</b> pursuant to Article 13, paragraph 9, of the Paris Agreement in accordance with the MPGs contained in this chapter. <b>Other Parties that provide support should provide such information</b> and, in doing so, are encouraged to use the MPGs contained in this chapter.</p>	Y	N

# SUPPORT NEEDED AND RECEIVED

## Reporting

BUR	BTR	New	Flex?
<p>14. Non-Annex I Parties <b>should</b> provide updated information on constraints and gaps, and related financial, technical and capacity-building needs.</p> <p>15. Non-Annex I Parties <b>should</b> also provide updated information on financial resources, technology transfer, capacity-building and technical support received ... including for the preparation of the current biennial update report.</p> <p>16. ...non-Annex I Parties <b>should</b> provide information on technology needs... and on technology support received.</p>	<p>132. Developing country Parties <b>should</b> provide information on financial support needed under Article 9...</p> <p>134. Developing country Parties <b>should</b> provide,... information on financial support received...</p> <p>135. Developing country Parties <b>should</b> provide,... information on technology development and transfer support needed under Article 10...</p> <p>137. Developing country Parties <b>should</b> provide,... information on technology development and transfer support received under Article 10...</p> <p>139. Developing country Parties <b>should</b> provide, ...information on capacity-building support needed under Article 11...</p> <p>141. Developing country Parties <b>should</b> provide, ...information on capacity-building support received under Article 11...</p> <p>143. Developing country Parties <b>should</b> provide information on support needed and received for implementing Article 13 of the Paris Agreement and transparency-related activities...</p>	N	N

# SUPPORT NEEDED AND RECEIVED

## Underlying Assumptions and Methodologies

BUR	BTR	New	Flex?
NA	131. In reporting information on support needed and received, developing country Parties <b>should</b> describe the underlying assumptions, definitions and methodologies used to provide information on support needed and received, including, as applicable, those used to: (a) Convert domestic currency into United States dollars; (b) Estimate the amount of support needed; (c) Determine the reporting year or time frame; (d) Identify support as coming from specific sources; (e) Determine support as committed, received or needed; (f) Identify and report the status of the supported activity (planned, ongoing or completed); (g) Identify and report the channel (bilateral, regional or multilateral); (h) Identify and report the type of support (mitigation, adaptation or cross-cutting); (i) Identify and report the financial instrument (grant, concessional loan, nonconcessional loan, equity, guarantee or other); (j) Identify and report sectors and subsectors; (k) Report on the use, impact and estimated results of the support needed and received;	Y	N

# REVIEW AND MULTILATERAL CONSIDERATION

International Consultation and Analysis	Technical Expert Review	New	Flex?
<p>1. International consultation and analysis (ICA) of biennial update reports under the Subsidiary Body for Implementation (SBI) will be conducted in a manner that is nonintrusive, non-punitive and respectful of national sovereignty; <b>ICA will aim to increase the transparency of mitigation actions and their effects</b>, through analysis by technical experts in consultation with the Party concerned and through a facilitative sharing of views, and will result in a summary report.</p>	<p>146. A technical expert review consists of: (a) A <b>review of the consistency</b> of the information submitted by the Party under Article 13, paragraphs 7 and 9, of the Paris Agreement with these MPGs, taking into account the flexibility accorded to the Party under Article 13, paragraph 2, of the Paris Agreement; (b) <b>Consideration of the Party’s implementation and achievement of its NDC</b> under Article 4 of the Paris Agreement; (c) <b>Consideration of the Party’s support provided, as relevant</b>; (d) <b>Identification of areas of improvement</b> for the Party related to implementation of Article 13 of the Paris Agreement; (e) <b>For those developing country Parties that need it in the light of their capacities, assistance in identifying capacity-building needs.</b></p>	N	N

## FURTHER RESOURCES:

- Building Capacity for the Paris Agreement's Enhanced Transparency Framework: What Can We Learn from Countries' Experiences and UNFCCC Processes? (WRI)
- Next Steps Under the Paris Agreement and the Katowice Climate Package (GIZ)
- Moving Towards the Enhanced Transparency Framework (UNFCCC)



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# THANK YOU!

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ANNUAL PARTNERSHIP RETREAT 2019, BEIRUT, LEBANON



# NATIONAL REPORTS: KEY ELEMENTS 1

	NC Annex I	NC Non-Annex I	BR	BUR	BTR
General	Executive Summary				
	National Circumstances Relevant to GHG Emissions and Removals	National Circumstances			*National circumstances and institutional arrangements (subsection in each chapter)
GHGs	GHG Inventory Information	National GHG Inventory	Information on GHG Emissions and Trends	National GHG Inventory	National inventory report of anthropogenic emissions by sources and removals by sinks of GHGs
Mitigation <sup>1</sup>	Policies and Measures	*Programmes containing measures to mitigate climate change	Quantified economy-wide emissions reduction Target  Progress in Achievement of QERT	Mitigation Actions	Information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

\* Subheader (rather than header information)

1. The Mitigation row contains much diversity, but there are common elements

## NATIONAL REPORTS: KEY ELEMENTS 2

	NC Annex I	NC Non-Annex I	BR	BUR	BTR
Projections	Projections and the Total Effect of Policies and Measures		Projections		*Projections of greenhouse gas emissions and removals, as applicable
Adaptation	Vulnerability Assessment, Climate Change Impacts and Adaptation Measures	*Programmes containing measures to facilitate adequate adaptation to climate change			Information related to climate change impacts and adaptation under Article 7 of the Paris Agreement
Support Provide and Mobilized	Financial Resources and Transfer of Technology		Provision of financial, technological and capacity-building support to developing country Parties		Information on financial, technology development and transfer and capacity-building support provided and mobilized under Articles 9–11 of the Paris Agreement

\* Subheader (rather than header information)

## NATIONAL REPORTS: KEY ELEMENTS 3

	NC Annex I	NC Non-Annex I	BR	BUR	BTR
Support Needed and Received		Constraints and Gaps, and Related Financial, Technical and Capacity Needs		Finance, technology and capacity-building needs and support received	Information on financial, technology development and transfer and capacity-building support needed and received under Articles 9–11 of the Paris Agreement
Other	Research and Systematic Observation	*Research and systematic observation			
	Education, Training and Public Awareness	*Education, training and public awareness			
			Other Reporting Matters		

\* Subheader (rather than header information)