

Brazilian NDC series

Brazilian NDC with corrected targets for 2025 and 2030

Suggested citation: TALANOA, 2023. Brazilian NDC with corrected targets for 2025 and 2030. Technical Note 4. Brazilian NDC series. Rio de Janeiro, Brazil. Available at: institutotalanoa.org/documents

Introduction

In the Paris Agreement, national governments pledged to keep global warming well below 2°C and aim to limit it to 1.5°C by the end of the century. Collectively, the UNFCCC assesses progress towards these goals through the Global Stocktake.

Individually, Parties contribute their Nationally Determined Contributions (NDCs), which can be revised at any time, provided they increase the level of ambition. National governments are responsible for determining the form and content of their contributions, taking into account the principles of the Paris Agreement.

There is no strict definition of how the increase in ambition - individual and collective - should take place. In any case, since 2020 Brazil has been on the list of countries not aligned with the short-term ambition demanded by the Glasgow Pact and the Paris Agreement.

In August 2023, the Interministerial Committee on Climate Change (CIM), the federal government body responsible for overseeing the implementation of Brazil's climate policy, decided on the government's fourth update to the first nationally determined contribution communicated by Brazil to the UNFCCC and in force since the entry into force of the Paris Agreement in 2016.

On this occasion, a correction was made to the NDC regarding its technical parameters and emission reduction targets. There was no public consultation. Considering that the NDC is an important foreign policy instrument, but also a national policy on climate change, we assess its evolution, quantification and transparency below, based on Brazil's submission to the UNFCCC on November 3, 2023.

Presentation of the NDC

The 2023 update of Brazil's First Nationally Determined Contribution (NDC):

- It adopts absolute limits for the years 2025 and 2030, according to the iNDC submitted by Brazil to the UNFCCC in 2016:
 - 1.32 GtCO₂ and maximum emissions in 2025
 - 1.20 GtCO₂ and maximum emissions in 2030
- It translates these binding targets into % and mitigation results, using data from the most recent inventory:
 - In 2025, a reduction of 48.4% or 1.24 GtCO₂ and compared to 2005
 - In 2030, a reduction of 53.1% or 1.36 GtCO₂ and compared to 2005
- Reiterates the long-term goal of achieving climate neutrality by 2050
- It reinforces the commitment to present a new NDC cycle for 2035, based on the results of the Global Balance in 2023.



- It cites a political commitment to end deforestation by 2030, as announced at COP 26 and incorporated into the Plan to Prevent and Combat Deforestation in the Amazon (PPCDAM) published in 2023.

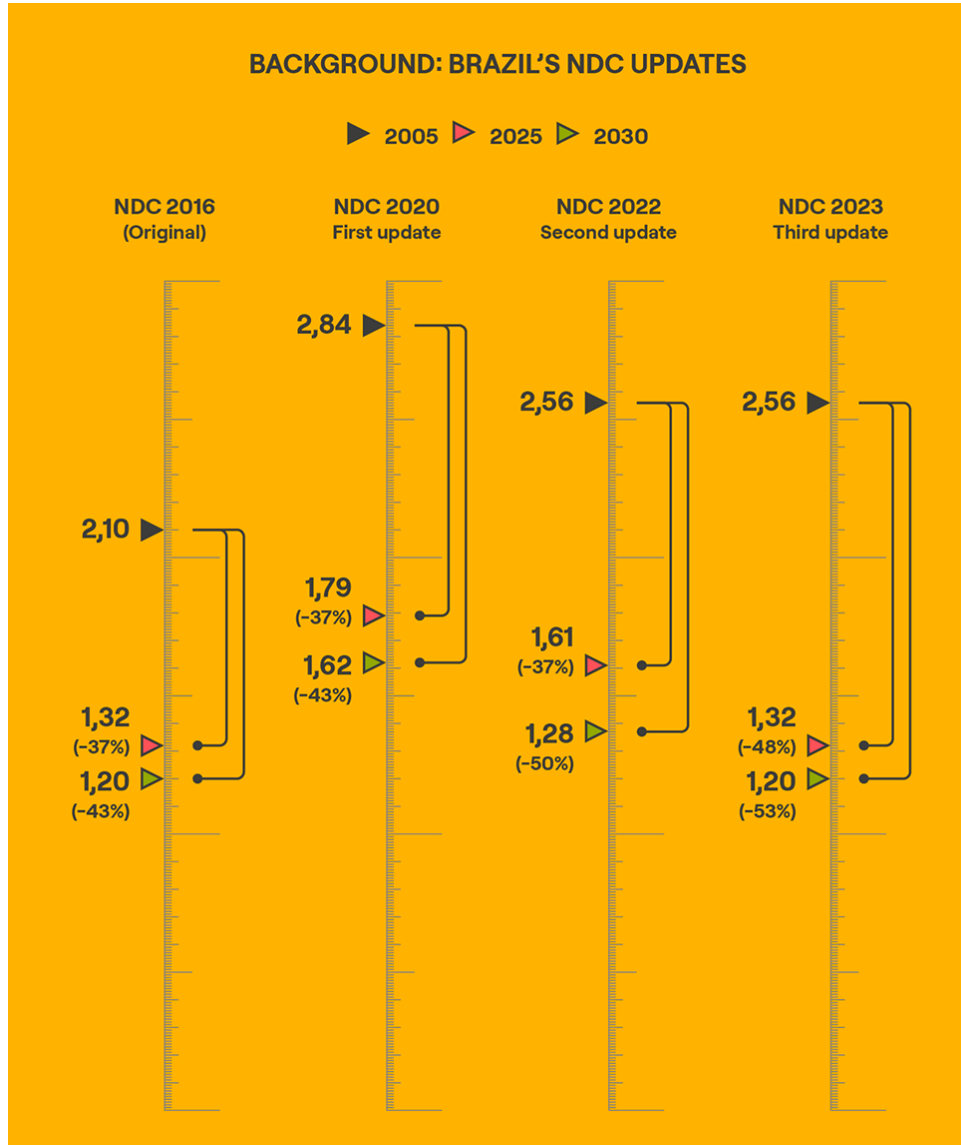
Alongside the official communication, an Annex for clarification was presented, containing the structure of the 7 guiding questions contained in the Annex to decision 4/CMA.1 on Article 4.8 of the Paris Agreement.

Analysis

The corrected version of Brazil's 2023 NDC **establishes absolute limits for greenhouse gas emissions for the years 2025 and 2030 as the end point**, moving away from the previous percentage reduction target based on 2005.

Although this time reference remains in the NDC annex for comparative purposes, the focus is now on setting a maximum emissions ceiling. This approach reflects a significant shift on the part of the

Brazilian government, which seems to eliminate the possibility of "climate pedaladas" - retroactive adjustments to emissions data that could affect the perception of progress in reducing emissions.



With this measure, mitigation and percentage targets become variable, adaptable to any revisions in emissions inventories.

The graph above illustrates the evolution of Brazil's emissions targets since the initial submission of its Nationally Determined Contribution (iNDC) to the UNFCCC in 2015. The review carried out on November 3, 2023 represents the third update of the NDC. The 2015 iNDC was based on data from Brazil's Second National Communication to the Convention on Climate Change, estimating total 2005 emissions at 2.10 GtCO₂ e. In the first update, there was a transition to the values of the Third National Communication, which reported 2005 emissions as 2.84 GtCO₂ e. The second and third updates adopted the figures from the Fourth National Communication, using the most recent inventory which adjusted 2005 emissions to 2.56 GtCO₂e.



Clarity and Transparency

We used the methodology for assessing the information provided in the Annex to decision 4/CMA.1 on Article 4.8 of the Paris Agreement¹, known as the NDC Transparency Check². Annex 1 contains the complete verification of the November 2023 NDC.

Brazil chose the "absolute reduction for the economy as a whole" target, in line with its previous contributions under the Paris Agreement. It was essential to specify absolute emission levels for 2025 and 2030 to make it possible to quantify, evaluate and compare NDCs over time, ensuring the continuous progression of mitigation efforts.

The correction made in November 2023 solves problems with previous updates by setting absolute emission limits based on the most recent inventory and available science. In this way, inaccuracies are avoided by adopting targets expressed in tons of CO₂ equivalent (tCO₂ e), which improves the transparency of mitigation results.

There are, however, aspects that require improvement in future submissions:

- The document does not report on the planning process for developing or updating the NDC, including public participation or stakeholder involvement, as required by relevant legislation.
- The current NDC does not provide clear information on the mitigation benefits of adaptation actions, an aspect that needs further development given that Brazil does not have an NDC focused on adaptation, but continues to include data in this area. Although the NDC includes a response to the verification item, the information provided does not correspond to the proposed question, as Brazil's NDC targets are absolute and economic in scope, and not based on individual policies and measures.
- There is also a lack of clarity about Brazil's intention regarding the use of International Transfers of Mitigation Outcomes (ITMOs). The NDC mentions the possibility of using and transferring ITMOs, but requires formal and prior government approval.

¹ See [link](#).

² The methodology was developed by Andrew Marquard and Harald Winkler (University of Cape Town) and made available by Climate Transparency. It and its application table have been freely translated by the Talanoa Institute. The full methodology is available at: <https://www.climate-transparency.org/ndctransparency-check>



- Other areas for improvement include the lack of benchmarking on equity or fairness and the absence of evidence showing a progression of ambition since 2015.
- Furthermore, there is no clear articulation of how the short-term targets align with the long-term goal of climate neutrality by 2050, and how these contribute to the overall objectives of the Convention. The NDC currently does not clarify how its targets align with the global objectives of limiting warming to 2°C or 1.5°C.

Recommendations

- The Brazilian government must build and update future targets with increased ambition in the areas of adaptation, financing and mitigation.
- It is essential to improve 'how' the NDC targets are constructed and updated and to carry out participatory and inclusive processes in order to increase the legitimacy and effectiveness of their implementation.
- In addition to course correction, the implementation - or "delivery" - of mitigation results with a focus on 2025 should be a priority for COP 30, involving both public and private entities.
- In addition, the Brazilian government must internalize international commitments, such as the Global Methane Commitment, signed in Glasgow and not yet included in the NDC.
- Finally, the Government of Brazil must align the short-term objectives of the NDC and national policies with the goal of climate neutrality by 2050.

Conclusion

The Government of Brazil's communication to the UNFCCC in November 2023 marks significant progress in terms of content and clarity, representing an important step towards reversing the trend of diminished ambition in the NDCs established by the previous government.

One of the critical aspects that highlights the need for improvement in Brazil's NDC is the absence of a clear and documented process of public participation and consultation. The document submitted does not transparently detail how the government has involved or plans



to involve civil society, indigenous communities, the private sector and other stakeholders in the construction of its climate strategies. This lack of inclusion in dialogue and decision-making can limit the representativeness and effectiveness of the targets set, as well as compromising the acceptance and implementation of the proposed actions.

For future revisions and NDCs, it is a significant opportunity for Brazil to establish and strengthen public participation mechanisms. This can be achieved through open public consultations, technical workshops, and discussion forums, ensuring that the voices of different segments of society are heard and considered. The effective participation of a variety of stakeholders not only enriches the planning process with multiple perspectives and local knowledge, but also promotes transparency and government accountability.


In addition, a robust public consultation process can increase commitment and facilitate policy implementation, ensuring that mitigation and adaptation strategies are socially just and economically viable. This engagement can also boost innovation and cooperation between the public and private sectors, academia and non-governmental organizations, generating more integrated and durable climate solutions.

Therefore, for the next NDC, Brazil has the opportunity to develop a clear and structured public engagement plan that can shape a more inclusive and effective climate policy, contributing to strengthening the national response to climate change.

Annex: NDC Transparency Check

Version: November 2023.

Description: The table contains summary information from Annex I of Decision 1/CM.4 in the first column and from the Brazilian submission in the second and third columns. The fourth column highlights our conclusion³.

Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
<div style="display: flex; align-items: center;"> <div style="background-color: #f4a460; padding: 5px; margin-right: 10px; font-weight: bold; font-size: 24px;">01</div> <div style="display: flex; align-items: center; margin-right: 10px;">  </div> <div> <p>Quantifiable information on the reference point (including, as appropriate, a base year):</p> </div> </div>				

³ This verification was based on the methodology proposed by the NDC Transparency Check and the following template was kindly provided to the authors by Climate Transparency.

Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
a) Base year, reference year or other starting point	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No <input type="checkbox"/> n/a	<input type="checkbox"/> Reference year(s) - including for reduction against a baseline <input checked="" type="checkbox"/> Base year (s) <input type="checkbox"/> Reference period(s) <input type="checkbox"/> Other points of departure	Brazil's NDC has an absolute reduction target for the year 2025 below 2005 and another for the year 2030, in relation to 2005 emissions. The targets are expressed in GtCO ₂ e, stating the overall impact on emissions and mitigation results.	Neutral. The starting point of the NDC is the absolute limit on emissions for the years 2025 and 2030, and no longer targets for the base year. We understand that Brazil has opted to keep the reference to 2005 for equivalence and comparison purposes.
(b) Information quantifiable on the indicators of reference, their values in the year(s) reference, base year(s), period(s) of reference or other point(s) of departure and, as applicable, in the target year;	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No <input type="checkbox"/> n/a	<input checked="" type="checkbox"/> Quantified - CO ₂ ou CO ₂ e or in the other units emissions <input type="checkbox"/> Quantified - non-GHG units <input type="checkbox"/> Information quantifiable provided - for quantify in CO ₂ ou CO ₂ e <input type="checkbox"/> Information quantifiable provided - for quantify in non-GHG units <input type="checkbox"/> None information quantifiable	Emissions from base year are specified like those informed by the latest National Inventory. According to the report, net emissions in 2005 were 2,56 GtCO ₂ e (GWP AR5) or 2,06 GtCO ₂ e (GTP AR5).	Positive change. Fixes problem updates prior to proposed limits of absolute emissions, expressed in GtCO ₂ e.
(c) Por strategies, plans and actions referred to in Article 4, paragraph 6, of	<input type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a	<input type="checkbox"/> The country provided reference points for quantified	Not applicable. If 1(b) is met, this item is not applicable, unless a country has	



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the Paris Agreement, or policies and measures as components of nationally determined contributions where paragraph 1(b) above is not applicable, Parties shall provide other relevant information;		<p>targets relevant to specific PAMs.</p> <p><input type="checkbox"/> The country provided a reference point for qualitative targets for PAMs with unquantified targets.</p>	provided policies and measures as well.	
(d) Target for the reference indicator, expressed as follows numerically, for example, in percentage or quantity of reduction;	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> n/a	<input checked="" type="checkbox"/> % reduction compared to base year <input type="checkbox"/> % reduction compared to BAU <input type="checkbox"/> % reduction in intensity compared to base year <input type="checkbox"/> Other	<p>The target for 2025 is to reduce emissions by 48,4% compared to 2005 (1,24 GtCO₂e), and the target for 2030 is to reduce by 53,1% (1,36 GtCO₂e) compared to 2005.</p> <p>Checking the data confirms that the current value of reduction for 2025 and 2030 is greater than the commitment before Brazil (iNDC 2015), in the function of updating more recent inventory It's not due to a</p>	<p>Positive change.</p> <p>The mitigation results are expressed numerically in percentage and tons of CO₂e, which gives clarity and transparency of the policy objective.</p>



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			greater effort to mitigation.	
(e) Sources of data used in the quantification of point of reference;	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No <input type="checkbox"/> n/a	Source: <input checked="" type="checkbox"/> GHG Inventory <input type="checkbox"/> Reference to underlying data sources <input type="checkbox"/> Others studies Additionally (traceability): <input checked="" type="checkbox"/> Source readily available	Brazil 's goals are based on his last GHG Inventory. The source is promptly found.	Positive, since a valley of the best available science (last inventory) and, at the same time, avoid inaccuracies in the final result of mitigation by offering a goal absolute expressed in tCO ₂ e.
(f) Information on the circumstances in which the Party may update the values of the benchmarks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> n/a	GHG Inventory: <input checked="" type="checkbox"/> How values can be updated <input type="checkbox"/> When Baseline Projections: <input type="checkbox"/> Information on whether the baseline will be updated, when and why; Intensity: <input type="checkbox"/> Whether and how the country will update its intensity benchmark	Brazil's NDC implies that the base year value and other reference values will be derived from its GHG inventory, which can be updated and recalculated due to methodological improvements.	Positive. There is no information on mechanisms for adjusting inconsistencies, such as in the case of changes in base year emissions data that lead to lower mitigation results. However, as the country presented targets expressed in absolute values, it is understood that any inventory updates will be calibrated with the absolute level of emissions to be reduced in the period.



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
<div style="display: flex; align-items: center;"> <div style="background-color: #e67e22; color: white; padding: 5px; font-weight: bold; font-size: 24px; margin-right: 10px;">02</div> <div style="margin-right: 10px;"></div> <div>Deadlines and/or implementation periods:</div> </div>				
(a) Timeframes and/or periods for implementation, including start and end date, consistent with any other relevant decision adopted by Conference of Acting parties as a meeting of the Parties to the Agreement of Paris (CMA);	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No	<input type="checkbox"/> Declared term of 5 years <input checked="" type="checkbox"/> Declared term of 10 years <input type="checkbox"/> Other deadline informed <input checked="" type="checkbox"/> Start date: 01/01/2020 <input checked="" type="checkbox"/> End date: 31/12/2030	Deadline set in terms of comparing net emissions in the year 2025 with net emissions in the year 2005, as well as of the year 2030 with the year 2005. The period specific to implementation will be from 01/01/2020 to 31/12/2030.	Neutral. Compared to the 2015 iNDC, the NDC 2023 indicates that the targets are net emissions.
(b) Whether it is a one-year or multi-year target, as applicable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> A single year <input type="checkbox"/> Multiple years	Brazil's targets are for one year (two <i>single-year targets</i>), for the years 2025 and 2030.	
<div style="display: flex; align-items: center;"> <div style="background-color: #e67e22; color: white; padding: 5px; font-weight: bold; font-size: 24px; margin-right: 10px;">03</div> <div style="margin-right: 10px;"></div> <div>Scope and coverage:</div> </div>				
(a) General description of the target	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Key objectives of the target – emissions reduction/limitation, intensity, BAU reduction, PAMs, mitigation co benefits, in quantitative or qualitative terms.	Overview provided - Brazil's targets are absolute economy wide reduction targets, covering all sectors in the GHG inventory, aiming to reduce its emissions by	



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
		<p><input checked="" type="checkbox"/> Deadline, implementation period, target year(s).</p>	<p>2025 e 2030.</p> <p>The NDC also states that these goals will be translated into policies and measures to be detailed and implemented by the Brazilian federal government .</p> <p>It no longer specifies that the targets will "always be compared to 2005" as in the previous update.</p>	
<p>(b) Sectors, gas, categories and pools covered by the nationally determined contribution, including, as applicable, consistent with the guidelines of the Intergovernmental Panel on Climate Change (IPCC)</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No</p>	<p>Sectors: <input checked="" type="checkbox"/> Energy <input checked="" type="checkbox"/> IPPU <input type="checkbox"/> AFOLU <input checked="" type="checkbox"/> LULUCF (if specified separately) <input checked="" type="checkbox"/> Agriculture (if specified separately) <input checked="" type="checkbox"/> Waste <input type="checkbox"/> Other Categories: <input checked="" type="checkbox"/> Categories and subcategories used for each sector above in the NDC Gases:</p>	<p>Brazil's NDC contains information on coverage - all sectors and six gas (except nitrogen trifluoride). The NDC does not explicitly state that it will cover all the listed carbon sinks, but this is implied in its reference to the GHG inventory in (a) above.</p>	



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
		<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Carbon dioxide: CO₂ <input checked="" type="checkbox"/> Methane: CH₄ <input checked="" type="checkbox"/> Nitrous oxide: N₂O <input checked="" type="checkbox"/> Perfluorocarbons: PFCs <input checked="" type="checkbox"/> Hydrofluorocarbons: HFC <input checked="" type="checkbox"/> Hexafluoride sulfur: SF₆ <input type="checkbox"/> Nitrogen trifluoride: NF₃ Pools: <ul style="list-style-type: none"> <input type="checkbox"/> Above-ground biomass <input type="checkbox"/> Below-ground biomass <input type="checkbox"/> Dead wood <input type="checkbox"/> Garbage <input type="checkbox"/> Soil organic matter 		
<p>(c) As the Party has taken into account paragraph 31(c) and (d) of decision 1/CP.21 ("(c) Parties shall endeavor to include all categories of anthropogenic emissions or removals in their nationally determined contributions</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Comparison of the categories of anthropogenic emissions and removals included in previous NDCs and current NDCs. <input type="checkbox"/> Explanation for the omission of any categories. 	<p>Brazil has confirmed that it is maintaining gas coverage in line with its previous commitment (iNDC).</p>	



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
<p>and, once a source, sink or activity is included, continue to include it"; "(d) Parties shall provide an explanation of why any categories of anthropogenic emissions or removals are excluded");</p>				
<p>(d) Mitigation co benefits resulting from the Parties' adaptation actions and/or economic diversification plans, including description of specific projects, measures and initiatives of the Parties' adaptation actions and/or economic diversification plans.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a</p>	<p>Economic diversification: <input type="checkbox"/> Energy efficiency <input type="checkbox"/> Renewable energy <input type="checkbox"/> Carbon Capture and Storage <input type="checkbox"/> Use of gas <input type="checkbox"/> Methane recovery and minimization of flaring <input type="checkbox"/> Other</p> <p>Adaptation actions with mitigation co benefits: <input type="checkbox"/> Water and wastewater management <input type="checkbox"/> Urban planning <input type="checkbox"/> Marine Protection</p>	<p>Not applicable. The NDC contains references to efforts to revise the PNMC and formulate plans to adapt to the adverse effects of climate change. No information on mitigation co benefits was provided.</p>	<p>Point for improvement: there is still no clarity in the information provided on mitigation benefits resulting from adaptation actions. Point to be improved in future submissions.</p>



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		<input type="checkbox"/> Reduced desertification <input type="checkbox"/> Other Mitigation co benefits: <input type="checkbox"/> Declared - Yes/no <input type="checkbox"/> Quantified <input type="checkbox"/> In tCO ₂ e		
<div style="display: flex; align-items: center;"> <div style="background-color: #f9e79f; padding: 5px; margin-right: 10px;"> 04 </div> <div style="background-color: #f9e79f; padding: 5px; margin-right: 10px;"> </div> <div style="background-color: #f9e79f; padding: 5px;"> Planning processes: </div> </div>				
<p>(a) Information on the planning processes that the Party has undertaken to prepare its NDC and, if available, on implementation plans, including, as appropriate:</p>				
(i) Domestic institutional arrangements, public participation and engagement with local communities and indigenous peoples, in a gender-sensitive manner;	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No	Domestic institutional arrangements: <input type="checkbox"/> No information provided <input checked="" type="checkbox"/> Some information provided <input type="checkbox"/> Detailed information provided Public participation and engagement: <input checked="" type="checkbox"/> No information provided <input type="checkbox"/> Some information provided <input type="checkbox"/> Detailed information provided	No information was provided on the planned correction/update of this NDC. Reference is made to articles 5, 231 and 232 of the Federal Constitution, as well as ILO Convention 169, which underline the duty of the Brazilian State to guarantee the rights of native peoples, as well as to ensure their social participation, and recognize them as legitimate parties to defend their rights and	Point for improvement: Brazil does not report on the planning process to develop or update its NDC, nor on any public involvement or stakeholder processes, in light of the national and international legislation referred to.



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
		<p>Information on stakeholder involvement:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> No information provided <input type="checkbox"/> Information on engagement with local communities provided <input type="checkbox"/> Information with indigenous peoples provided <input type="checkbox"/> Information on engagement with other stakeholders provided <p>Does the country report whether the NDC process was conducted in a gender-sensitive manner?</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> No information provided <input type="checkbox"/> Some information provided <input type="checkbox"/> Detailed information provided 	<p>interests. Newly reformed Committee Interministerial (CIM) and the Brazilian Forum on Climate Change.</p> <p>There is no information on whether the process of updating this NDC was conducted in a participatory, inclusive manner, respectful of the aforementioned constitutional rights and gender sensitive.</p>	
<p>(.i).cont.) ..if available, information about the Party's implementation plans;</p>		<p>Implementation plans:</p> <ul style="list-style-type: none"> <input type="checkbox"/> No information provided <input checked="" type="checkbox"/> Some information provided <p>Additionally:</p>	<p>The CIM is currently reviewing the National Policy of Climate Change and its sectoral mitigation and adaptation plans, including the</p>	



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
		<input type="checkbox"/> Detailed information on how the implementation plans will achieve the objectives of your NDC.	regulation of the Brazilian Emissions Trading System.	
(ii) Contextual issues, including, inter alia, as appropriate:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No	a. Inclusion of relevant national circumstances, such as geography, climate, economy, sustainable development and poverty eradication: <input type="checkbox"/> No information provided <input checked="" type="checkbox"/> Some information provided <input type="checkbox"/> Detailed informations provided b. Report on best practices and experiences related to the preparation of the nationally determined contribution; Best practices and experiences shared: <input checked="" type="checkbox"/> None <input type="checkbox"/> Some <input type="checkbox"/> Many	Limited information is included on the national circumstances relevant to the NDC target, including that Brazil has six biomes, a growing urban population and important agriculture and electricity sectors, all of which are vulnerable to climate impacts and whose needs/particularities must be considered in the implementation of the NDC.	Point for improvement: include experiences and best practices in the development of the NDC.




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		c. Information provided on other contextual aspirations and priorities recognized when joining the Paris Agreement: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
(b) Informações específicas aplicáveis às Partes, incluindo organizações regionais de integração econômica e seus Estados membros, que chegaram a um acordo para agir em conjunto nos termos do Artigo 4, parágrafo 2, do Acordo de Paris, incluindo as Partes que concordaram em agir em conjunto e os termos do acordo, de acordo com o Artigo 4, parágrafos 16-18, do Acordo de Paris;	<input type="checkbox"/> Sim <input type="checkbox"/> Parcialmente <input type="checkbox"/> Não <input checked="" type="checkbox"/> n/a	<input type="checkbox"/> Terms of the agreement to act jointly. <input type="checkbox"/> Emission level assigned to each Party within the relevant time period. Additionally: <input type="checkbox"/> Detailed description.	Not applicable.	
(c) How the Party's preparation of its	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Information on how the previous global	Not applicable.	



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
nationally determined contribution was informed by the results of the global stocktake (GST), in accordance with Article 4, paragraph 9, of the Paris Agreement;		balance sheet (GST) informed the NDC. <input type="checkbox"/> Consideration of the Secretariat's summary document when updating the NDC.		
(d) Each Party with a nationally determined contribution under Article 4 of the Paris Agreement consisting of adaptation actions and/or economic diversification plans resulting in mitigation co-benefits consistent with Article 4, paragraph 7, of the Paris Agreement to submit information on:				
(i) How the economic and social consequences of the response measures have been taken into account in the development of the contribution nationally determined;	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a	<input type="checkbox"/> The NDC contains information on how the economic and social consequences of the response measures have been taken into account in the development of the NDC.	Not applicable.	
(ii) Specific projects, measures and activities to be implemented to contribute to the mitigation co benefits, including information on adaptation plans that also	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a	The NDC contains information on specific <u>adaptation</u> projects, measures and activities <u>with mitigation co benefits</u> in: <input type="checkbox"/> Energy resources	Even though Brazil has included a response to this item, the information contained in the NDC does not correspond to what is asked: Brazil's NDC target does not	Point for improvement: no clarity on the mitigation co benefits of adaptation plans.



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<p>generate mitigation co benefits, (...); and economic diversification actions (...).</p>		<p><input type="checkbox"/> Water resources <input type="checkbox"/> Coastal resources <input type="checkbox"/> Human settlements <input type="checkbox"/> Urban planning <input type="checkbox"/> Agriculture and forestry <input type="checkbox"/> Other</p> <p>Specific projects, measures and activities for <u>economic diversification</u> actions in the sectors:</p> <p><input type="checkbox"/> Manufacturing and industry <input type="checkbox"/> Energy and minerals <input type="checkbox"/> Transportation and communication <input type="checkbox"/> Construction, tourism <input type="checkbox"/> Real estate <input type="checkbox"/> Agriculture and fishing <input type="checkbox"/> Other</p>	<p>include adaptation actions and/or economic diversification plans that result in mitigation co benefits consistent with Article 4, paragraph 7. In addition, the NDC states that the CIM is reviewing the PNMC and will develop sectoral adaptation plans; no information on the mitigation co benefits of these adaptation undertakings has been included.</p>	
<p>05  Methodological assumptions and approaches, including those for estimating and accounting for anthropogenic greenhouse gas emissions and, as appropriate, removals:</p>				
<p>(a) Assumptions and methodological approaches used to account for anthropogenic</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p><input checked="" type="checkbox"/> A description general accounting approach. <input type="checkbox"/> Detailed description of how</p>	<p>Brazil states in its NDC that it will use a UNFCCC inventory-based approach to account for</p>	

Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
greenhouse gas emissions and removals corresponding to the Party's nationally determined contribution, consistent with decision 1/CP.21, paragraph 31, and the accounting guidance adopted by the CMA;		the country will account for the land sector in its NDC.	emissions and removals using the 2006 IPCC Guidelines and subsequent guidelines that may replace them. No details are provided.	
(b) Assumptions and methodological approaches used to account for the implementation of policies and measures or strategies in the contribution nationally determined;	<input type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a	<input type="checkbox"/> No information provided <input type="checkbox"/> Some information provided <input type="checkbox"/> Information detailed information provided	The NDC states that "Brazil will also apply specific assumptions and methodologies, where appropriate, when assessing progress achieved in the policies and measures related to the implementation of its NDC in its Biennial Transparency Reports (BTRs)".	Point for improvement: although Brazil has included a response to this item, the information contained in the NDC does not correspond to what is asked: the type the goal contained in Brazil's NDC is not one of policies and measures, but of an absolute and economy-wide nature. For this reason, the verification of the outcome of the Brazilian target is via the balance of emissions.



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
(c) If applicable, information on how the Party will take into account existing methods and guidance under the Convention to account for anthropogenic emissions and removals, in accordance with Article 4, paragraph 14, of the Paris Agreement, as appropriate;	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No	<p><input checked="" type="checkbox"/> The country has specified that it will use existing methods and guidelines.</p> <p><input type="checkbox"/> The country has specified that it will not use existing methods and guidelines.</p> <p><input type="checkbox"/> The country has not provided any information on this.</p>	Look 5(a) above.	
(d) IPCC methodologies and metrics used to estimate emissions and removals anthropogenic greenhouse gas;	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No <input type="checkbox"/> n/a	<p><input checked="" type="checkbox"/> The country specified in its NDC whether it used the 1996 or 2006 IPCC guidelines to estimate emissions and removals and/or other IPCC guidelines.</p> <p><input checked="" type="checkbox"/> The country has specified which GWP values it is using (from which IPCC assessment report).</p> <p><input type="checkbox"/> The NDC target is not expressed in terms of GHG</p>	Brazil states in its NDC that it will use the IPCC 2006 guidelines and the GWP values of 100 years of the IPCC's AR5. The NDC also states that Brazil will continue to use the global temperature potential (GTP), consistent with Decision 18/CMA.1.	

Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
		emissions and does not contain relevant information on GHG emissions (not applicable).		
(e) Sector-, category- or activity-specific assumptions, methodologies and approaches consistent with IPCC guidance, as appropriate, including, as applicable:				
(i) Approach to dealing with emissions and subsequent removals from natural disturbances on managed land:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> n/a	<input type="checkbox"/> Approach to address emissions and removals on managed land reported in the NDC. <input checked="" type="checkbox"/> No information included in the NDC.	No information provided. Brazil has indicated that this will be defined and informed at a later date.	
(ii) Approach used to account for emissions and removals from harvested wood products;	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> n/a	<input checked="" type="checkbox"/> Approach to harvested wood products reported. <input type="checkbox"/> No information included in NDC.	Brazil states in its NDC that it will use a production approach for harvested wood products, consistent with the 2006 IPCC Guidelines.	
(iii) Approach used to address the effects of age class structure in forests;	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> n/a	<input type="checkbox"/> Approach to age class structure in forests reported. <input checked="" type="checkbox"/> No information included in the NDC.	No information provided. Brazil has indicated that this will be defined and informed at a later date.	
(f) Other assumptions and methodological approaches used to understand the nationally determined contribution and, if applicable, estimate the corresponding emissions and removals, including:				
(i) How benchmarks, baselines and/or	<input type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No	If the Party has chosen a mitigation target	Não se aplica.	



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
reference levels, including, where applicable, sector-, category- or activity-specific reference levels, are constructed, including, for example, key parameters, assumptions, definitions, methodologies, data sources and models used;	<input checked="" type="checkbox"/> n/a	in relation to a reference level, including reference levels of emissions, base years, intensity targets, etc: <input type="checkbox"/> Method for estimating the reference level. <input type="checkbox"/> Data sources, as applicable. If the Party has chosen a mitigation target in relation to a baseline scenario: <input type="checkbox"/> Base year <input type="checkbox"/> Key assumptions (GDP, population, etc.) <input type="checkbox"/> Methodology (analytical tool) and <input type="checkbox"/> Resulting projection at least until the final year <input type="checkbox"/> Data sources		
(ii) For Parties with nationally determined contributions that contain components other than greenhouse gas, information on	<input type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a	Assumptions and methodologies for non-GHG components: <input type="checkbox"/> Quantified in such a way that the results of mitigation are clear. <input type="checkbox"/>	Not applicable.	

Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
assumptions and methodological approaches used in relation to these components, as applicable;		Quantifiable, but requiring assumptions to understand the results of mitigation. <input type="checkbox"/> Not quantifiable		
(iii) For climate factors included in nationally determined contributions not covered by the IPCC guidelines, information on how climate factors are estimated;	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a	<input type="checkbox"/> The NDC includes black carbon and includes information on how it is estimated. <input type="checkbox"/> The NDC includes other short-term climate factors and information on how they are estimated.	Not applicable.	
(iv) Other technical information as required;	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a	More information provided: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable	Not applicable.	
(g) The intention to use voluntary cooperation under Article 6 of the Paris Agreement, if applicable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Information on whether the country intends to participate in Article 6 activities during the NDC implementation period. <input checked="" type="checkbox"/> Information on whether the country intends to use ITMOs to achieve its NDC.	Limited information - the NDC states that Brazil does not rule out using internationally transferred mitigation results (ITMOs) to achieve its targets and that it may also consider transferring	Point for improvement: the intention is not clearly communicated.



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
		Additionally: <input type="checkbox"/> To what extent the goal depends on the use of ITMOs.	ITMOs generated in its territory. It also states that "any international transfer of mitigation results obtained in Brazilian territory will be subject to the prior and formal consent of the federal government".	
<div style="display: flex; align-items: center;"> <div style="background-color: #f96; padding: 5px; margin-right: 10px; font-weight: bold; font-size: 24px; color: white;">06</div> <div style="margin-right: 10px;"></div> <div> <p>How the Party considers its nationally determined contribution to be fair and ambitious in light of its national circumstances:</p> </div> </div>				
(a) As Part considers that its nationally determined contribution is fair and ambitious in the light of its circumstances national;	Fair <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Ambitions <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Inclusion of reasons why which the NDC target is fair. <input type="checkbox"/> Inclusion of reasons why the NDC target is ambitious.	Brazil seeks to justify that your NDC is fair and ambitious, as it comes from a country that faces challenges associated with poverty and development. Brazil's NDC claims to be one of the most ambitious in the world, offering absolute and economy-wide targets. The NDC also mentions the commitment to eliminate deforestation by 2030, along with other sectoral actions. It includes	

Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
			information that Brazil's NDC is unconditional and that REDD+ results require, on an ongoing basis, adequate and predictable support, in accordance with Article 5 of the Paris Agreement.	
(b) Considerations of justice, including reflect on equity;	<input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No	The country provided in your NDC: <input type="checkbox"/> References to analysis of heritage by international experts. <input type="checkbox"/> References to heritage analyses carried out by experts in the country. <input type="checkbox"/> References to indicators found in the equity literature. <input type="checkbox"/> References to the application of preferred share indicators to other countries.	There is mention of responsibilities common but differentiated, and respective capacities, although this item is more related to item (c) below.	Point for improvement: Brazil's NDC does not contain evaluations, comparisons on justice or any references to equity actions.
(c) How the Party addressed Article 4, paragraph 3, of the Paris Agreement	Progression <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No	Progression <input checked="" type="checkbox"/> The NDC contains a statement that the mitigation target in the NDC	It is claimed that Brazil's mitigation targets surpass the previous communications of its NDC,	Points for improvement: there are no grounds for substantiating that there has been a



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
<p>("Each Party's successive nationally determined contribution shall represent a progression beyond the Party's nationally determined contribution at the time and shall reflect its highest possible ambition, reflecting its responsibilities common but differentiated, and respective capacities, in the light of different national circumstances.");</p>	<p>Ambition <input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No</p> <p>CBDRRC <input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No</p>	<p>is more stringent than the country's previous NDC or the emissions target under the Kyoto Convention or Protocol.</p> <p><input type="checkbox"/> If it is a developing country, the type of target has changed to an absolute emissions target for the entire economy and/or more sectors were included in the target.</p> <p><input type="checkbox"/> An assessment of progression is provided, with reference to analyses of mitigation potential.</p> <p>Highest ambition possible, referring to 6(a) above:</p> <p><input type="checkbox"/> A reference to the ambition in terms of the 1.5 °C limit.</p> <p><input type="checkbox"/> A reference to the ambition in terms of the limit "well</p>	<p>representing progress over time and the highest possible ambition. Furthermore, it is stated that Brazil's mitigation efforts are of a type, scope and scale that surpass those of developed countries which are the most responsible for climate change. And it is indicated that the level of ambition of this NDC is much higher than that corresponding to responsibility Brazil's marginal relative temperature increase.</p>	<p>progression of ambition over time, other than the correction between 2015 and 2023. Nor is there any reference to the highest possible ambition within scenarios compatible with 1.5C or 2C In addition, short term targets are not included in the context of Brazil's long-term goal of achieving climate neutrality by 2050.</p>



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
		<p>below 2 °C".</p> <ul style="list-style-type: none"> <input type="checkbox"/> A reference to a national analysis of mitigation potential. <input type="checkbox"/> An explanation in terms of national circumstances for the level of ambition chosen, with reference to the analysis of the potential of national mitigation. <input checked="" type="checkbox"/> None of the above. <p>Common but differentiated responsibilities and respective capacities, in the light of different national circumstances:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Explanation of ambition in terms of common but differentiated responsibilities and respective capacities. <input type="checkbox"/> Explanation of ambition in terms of national circumstances 		

Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
		<input checked="" type="checkbox"/> None of previous.		
<p>(d) How has the Party addressed Article 4, paragraph 4, of the Paris Agreement ("Developed country Parties should continue to take the lead in assuming absolute targets of reduction of economy-wide emissions. Developing country Parties should continue to improve their mitigation efforts and are encouraged to shift over time to economy-wide emission reduction or limitation targets in light of different national circumstances.");</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> NDCs of developed countries - reference to leadership through absolute economy wide emission reduction targets. <input checked="" type="checkbox"/> NDCs of developing countries - reference for improve their mitigation efforts. <input type="checkbox"/> NDCs of developing countries - the time to move to an economy-wide emissions reduction or limitation target is indicated.	<p>The NDC states that "despite being a developing country, Brazil has already adopted an absolute target for the entire economy since it presented its iNDC".</p>	
<p>(e) How the Party addressed Article 4, paragraph 6, of the Paris Agreement ("Least developed countries and small island developing</p>	<input type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a	<p>NDCs from LDCs and SIDS:</p> <input type="checkbox"/> Justice addressed in the strategies, plans and actions communicated. <input type="checkbox"/> Ambition addressed in the strategies, plans	<p>Not applicable.</p>	



Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
States may prepare and communicate strategies, plans and actions for the development of low greenhouse gas emissions reflecting their special circumstances");		and actions communicated. <input type="checkbox"/> None of the above.		
<div style="display: flex; align-items: center;"> <div style="background-color: #f4a460; padding: 5px; margin-right: 10px; font-weight: bold; font-size: 24px;">07</div> <div style="margin-right: 10px;"></div> <div> <p>How the nationally determined contribution contributes to achieving the objective of the Convention, as set out in its Article 2:</p> </div> </div>				
(a) How the nationally determined contribution contributes to achieving the objective of the Convention, as set out in its Article 2;	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No	<input checked="" type="checkbox"/> The NDC refers to Article 2 of the Convention in relation to mitigation ambition. <input type="checkbox"/> The NDC contains information on how it contributes to reducing emissions under Article 2 of the Convention. <input type="checkbox"/> The NDC contains information on how natural sinks are being maintained and strengthened.	Brazil's NDC contains a reference to Article 2 of the Convention, but does not explain how its targets actually contribute to achieving the Convention's ultimate goal. The NDC contains no information on how natural sinks are being maintained and strengthened.	Point for improvement: include information in future submissions on how targets contribute to achieving the ultimate objective of the Convention and how sinks are being maintained and strengthened.
(b) How the nationally determined	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No	<input type="checkbox"/> The NDC contains a reference to the	According to Article 4.1 of the	Points for improvement: No

Element of the Annex to Decision 4/CMA.1	Included in the corrected NDC?	What has been included?	How is the information presented?	What is the evaluation?
<p>contribution contributes to Article 2, paragraph 1(a), and Article 4, paragraph 1, of the Paris Agreement.</p>		<p>peak year - when it occurred or when it is expected to occur.</p> <p><input type="checkbox"/> For countries whose emissions have peaked, the NDC provides grounds for the NDC target to be consistent with "rapid subsequent reductions".</p> <p><input checked="" type="checkbox"/> The NDC contains a reference to a national policy target of net zero emissions and by what year.</p> <p><input type="checkbox"/> The NDC contains a clear link between Article 2.1(a) of the Paris Agreement and the country's NDC.</p>	<p>Paris Agreement, Brazil has a significant emissions reduction target, which far exceeds any targets related to the peak emissions.</p> <p>Brazil states that its "NDC is compatible with a long-term goal of achieving carbon neutrality by 2050".</p>	<p>grounds were presented.</p> <p>Brazil's NDC does not refer to a year in which emissions have peaked or will peak, nor does it provide any basis for believing that its targets are consistent with "rapid reductions". The relationship between the "2°C target" and the NDC target is not explained in terms of Brazil's contribution to global emissions.</p>