

09 April 2020



UPDATE NDC 2020





NDC Estructure



- Means of Implementation: capacity building, technology transfer and financing.
- Transparency of the mitigation commitment: Katowice's new rules for 2025.




An aerial photograph of a vast solar farm in a desert. The solar panels are arranged in neat, parallel rows that stretch far into the distance. The ground is sandy and light-colored. In the background, there are low mountains under a clear, bright blue sky. A teal banner is overlaid on the middle of the image, containing the text 'MITIGATION COMMITMENTS' in white, bold, uppercase letters.

MITIGATION COMMITMENTS

Mitigation Commitments

ABSOLUTE EMISSIONS, without forestry sector

Updated

Variable	NDC 2015	NDC PAC Proposal*	New NDC	Link with SDG
Emissions	<u>Emission intensity</u> (tCO ₂ / GDP), 30% reduction to 2030, base 2007.	<u>Absolute emissions:</u> Reach 97 MtCO₂eq by 2030 <u>Carbon budget</u> period 2020 to 2030: 1,110 to 1,175 MtCO₂eq. <u>Peak emissions:</u> 2027	<u>Absolute emissions:</u> Reach 95 MtCO₂eq by 2030 <u>Carbon budget</u> period 2020 to 2030: 1.100 MtCO₂eq <u>Peak emissions:</u> 2025	  

A more transparent and ambitious goal, in line with what the Paris Agreement asks of us.




Science has shown us that temperature increases are directly related to the accumulation of emissions, that is why it is so relevant to establish a carbon budget as a goal.

* PAC= Citizen Environmental Participation Process.

Mitigation Commitments

Short-lived climate pollutants: BLACK CARBON

Updated

Variable	NDC 2015	NDC PAC Proposal	New NDC	Link with SDG
Black Carbon	No reduction goal.	Reduction of 10% to 25% of total black carbon emissions by 2030, base 2016.	Reduction: at least 25% of total black carbon emissions by 2030, base 2016	  

Air Quality and Climate Action can and should advance together and with clear goals. Important benefits in Health and Quality of Life



INTEGRATION COMMITMENTS

(adaptation + mitigation)



**OCEANS AND
COSTAL WETLANDS**



PEATLANDS



FORESTS





**CIRCULAR
ECONOMY**

An aerial photograph of a coastline. On the left, white, frothy waves are crashing against a dark, rocky shore. The water transitions from a bright turquoise near the shore to a deep, dark blue further out. The overall scene is dynamic and captures the power of the ocean.

OCEANS AND COSTAL WETLANDS

Integration commitments



OCEANS, Chile has 42% of its EEZ as Protected Marine Area

Variable	NDC 2015	NDC PAC Proposal	New NDC Updated	Link with SDG
New protected areas	No goal.	Creation of new protected areas in under-represented marine eco-regions, especially in the center and north of the country.	New marine protected areas, it is specified: - Protect at least 10% of the EEZ in under-represented eco-regions (center and north of the country).	 

The ocean is essential to face Climate Change, concrete goals and quality information are required.

Integration commitments

OCEANS



Variable	NDC 2015	NDC PAC Proposal	New NDC	Link with SDG
Management Plans	No goal.	By 2030, all marine protected areas (MPAs) created by 2020 will have management plans.	By 2030, all marine protected areas (MPAs) created by 2020, and later , will have management plans for MPAs (programming specified) and will be under implementation.	 
Co-benefits		<p>The co-benefits in mitigation and adaptation will be evaluated.</p> <p>-At 2025: Evaluation in 3 AMP. -At 2030: Implementation of metrics in 5 AMP.</p>	The commitment to the proposal is maintained.	

Updated

Management of MPAs must be with local communities, key for sustainable development of fishing activity and vulnerable communities.

Integration commitments

COASTAL WETLANDS

Variable	NDC 2015	NDC PAC Proposal	New NDC	Link with ODS
Wetland protection	No goal.	Creation of new protected wetland areas.	New marine protected areas, it is specified: - By 2025, protect 20 coastal wetlands - By 2030, protect 10 additional coastal wetlands.	<div data-bbox="1905 428 2084 482" style="text-align: right; color: white; background-color: #00a68a; padding: 2px;">Updated</div>  



PEATLANDS

Integration commitments

Peatlands

Variable	NDC 2015	NDC PAC Proposal	New NDC New	Link with SDG
Inventory Indicators	No goal.	No goal.	<p>By 2025, we will have a national inventory.</p> <p>By 2030, indicators will have been developed for evaluating the adaptation and mitigation capacity of peatlands.</p> <p>Implementation of actions to enhance these co-benefits, in 5 public or private protected areas of the country.</p>	

Peatlands should be studied to have quality information for decision-making considering the sustainability of these ecosystems.





FORESTS

Integration commitments

FORESTS

Essential for mitigation and adaptation. Chile is a forest country with a great capacity to capture carbon that we must promote in a sustainable way, taking care of our water resource.



Variable	NDC 2015	NDC PAC Proposal	New NDC	Link with SDG
Sustainable management	Chile is committed to the sustainable management and recovery of 100,000 Ha of mostly native forests . (GHG captures on the order of 0.6 MtCO ₂ eq). <u>CONDITIONED</u>	Chile commits to the sustainable management and recovery of 200,000 Ha of native forests by 2030 (GHG captures 0.9 to 1.2 MtCO ₂ eq per year). <u>NOT CONDITIONED</u>	Commitment is maintained, requirements are specified: Long-term planning. Comply with performance parameters (logging that guarantees growth). <u>NOT CONDITIONED</u>	<div style="text-align: center;">   </div>

Updated

Integration commitments



FORESTS

Transcendental for Carbon Neutrality to 2050 that must be done with sustainable actions considering adaptation, local communities and the care of water resources.
 We can only tackle it with dialogue and real commitment. FOREST TABLE and SCIENCE

Variable	NDC 2015	NDC PAC Proposal	New NDC	Link with SDG
Afforestation	Chile agrees to afforest 100,000 hectares, mostly with native species (GHG captures of the order of 1.2 MtCO ₂ eq). <u>CONDITIONED</u>	Chile commits to afforesting 200,000 hectares, of which at least 100,000 hectares correspond to permanent forest cover, with at least 70,000 hectares of native species, by 2030. (catches from 3.0 to 3.4 MtCO ₂ eq per year). <u>NOT CONDITIONED</u>	Commitment is maintained, requirements are specified: To be carried out in soils without vegetation and forest aptitude. Promote the use of native species Favor Areas that help protect soil, wetlands, headwaters (more tolerant species, lower density, mixed species). CONAF biannual report to Congress and CMS. <u>NOT CONDITIONED</u>	Updated  

Integration commitments

BOSQUES

Variable	NDC 2015	NDC PAC Proposal	New NDC	Link with SDG
Degradation and Fire	No goal.	Reduce emissions from the forest sector by degradation and deforestation of native forest by 25% by 2030, considering average emissions between the period 2001-2013	Commitment is maintained specifying with which actions will be carried out: Management for fire prevention. Management to make livestock activity compatible. Strengthen phytosanitary protection in native resources.	<div style="text-align: right; margin-bottom: 5px;">Updated</div>  

We must tackle degradation and fires with concrete measures that help us combat climate change.

Integration commitments

Landscape-scale restoration

Variable	NDC 2015	NDC PAC Proposal	New NDC	Link with SDG
Incorporation into the restoration process	No goal.	No goal.	<p>By 2021: National Landscape Scale Restoration Plan.</p> <p>By 2030: incorporation of 1,000,000 hectares into the landscape restoration process, prioritizing those with the greatest social, economic and environmental vulnerability.</p>	 

New

Nature plays a key role in the provision of goods and services to people and their quality of life (food, water, recreation), it is key to recover our nature by increasing the resilience of territories and communities to climate change.





Regions	Estimated area (area of influence)
Coquimbo	40.378 ha
Valparaíso	141.342 ha
Región Metropolitana	85.453 ha
O'Higgins	208.352 ha
Maule	130.174 ha
Ñuble	56.551 ha
Biobío	192.549 ha
Araucanía	316.597 ha
TOTAL	1.171.396 ha



CIRCULAR ECONOMY

Integration commitments

Circular Economy









Variable	NDC 2015	NDC PAC Proposal	New NDC	Link with SDG
Organic waste Roadmap and indicators	No goal.	<ul style="list-style-type: none"> - In 2020, a National Organic Waste Strategy. - In 2020, a Circular Economy Roadmap (2020 to 2040). - In 2022, generate and implement circularity metrics and indicators, to monitor the country's progress 	<ul style="list-style-type: none"> - Commitment to the Proposal is maintained. - Commitment to the Proposal is maintained. - Commitment to the Proposal is maintained. 	   

The circular economy is essential for climate action. The most efficient use of our resources allows us to mitigate and adapt to climate change.

A person wearing a plaid shirt is shown from the chest down, holding a clipboard and a yellow pencil. They are standing in a field of green leafy plants, possibly lettuce. The person's right hand is holding the pencil over the plants, and their left hand is holding a clipboard. The background is a blurred field of similar plants under bright, natural light.

ADAPTATION COMMITMENTS

Adaptation Commitments

Variable	NDC 2015	NDC PAC Proposal	New NDC	Link with SDG
Plans and instruments	National Plan. – Sector adaptation plans.	Updating of the National Plan and sectoral adaptation plans. - Development of regional action plans. - Vulnerability map at the community level.	Commitments are maintained, and the following are added: - Determination of inaction costs. - Risk assessment for the most vulnerable groups with a gender focus. New	   
Water and Sanitation	No goal.	-It is recognized as an area of greater urgency. Water resources. - Strategic plans in all basins. - Definition of water risk indicator. - Water consumption management program (water footprint in Huella Chile program).	Commitment is maintained and includes: - - Sanitation - All new water infrastructure (reservoirs) must consider in its evaluation protect the population and give priority to human consumption in situations of risk. - Implementation of the national policy on Disaster Risk Management. New	   
Disaster Risk Management				

New NDC 2030: **Intermediate Goals.**

Long-term goals 2050: Draft Framework Law of Climate Change.

Focus: Chile's transformation towards low-emission, climate-resilient development **focused on improving the quality of life for people in its territory.**

Guides that set the course for a sustainable recovery from the post-COVID19 socio-economic crisis.

Chile COP25 Presidency calls on countries to present their NDC update with more ambition and transparency during 2020.





THANK YOU

