MEXICO NDC FACTSHEET

Income group: upper middle income

NDC submitted by nation

Detailed adaptation plan

Stated Vulnerabilites

Agriculture / livestock

Water

Biodiversity / ecosystems

Highly vulnerable groups

Transport / infrastructure

Forestry

Energy

Settlements in general

Nature-based Adaptation Vision

The new NDC demonstrates expanded scope as it integrates cross-cutting elements such as Nature-based Solutions (NBS) and Community-Based Adaptation (CBA) approaches; Ecosystem-Based Adaptation (EBA); as well as Disaster Risk Reduction (DRR) based Adaptation.

Mexico recognises that Human rights, such as the right to potable water and access to food, the right to health and a healthy environment are strongly dependent on ecosystems and the diversity they provide. This biodiversity is also an intrinsic part of the traditions and culture of indigenous communities and, as such, it should be preserved.

Mexico advocates for a development model that respects the inhabitants and the habitat, equitable, aimed at correcting rather than exacerbating inequalities, a protector of cultural diversity and the natural environment, sensitive to regional and local economic modalities and singularities, and aware of the needs of the country's future inhabitants, to whom we cannot inherit a territory in ruins.

Adaptation Actions

Nature-based

Hybrid

Indirect

Adaptation Outcomes

Increase resilience / reduce risk

Protect biodiversity / ecosystems

Water security

Food security

Broad type of indirect action	Broad type of hybrid action
Investment in climate change research / monitoring	Climate Smart Agriculture
Disaster risk reduction	
Institutional capacity building	
Raising public awareness	
Risk transfer initiatives	

Planned Nature-based Action in Adaptation Plan

Conservation and restoration of blue carbon ecosystems, seas and oceans, forests, and key species.

Strengthen the management of Natural Protected Areas and increase their connectivity.

Strengthen instruments and implement actions for the conservation of biodiversity and the restoration of marine, coastal and freshwater ecosystems.

Promote hydrological environmental services, through the conservation, protection, and restoration of watersheds with special attention to nature-based solutions.

Conservation of blue carbon ecosystems and coral reefs; as well as actions to strengthen the management and conservation of forests and rainforests.

Nature-based Target or Measure

Reach a zero-net deforestation rate by 2030.

Studies of nature-based solutions in Mexico

Socio-economic outcomes of ecological infrastructure investments
Vang Rasmussen, L. et al. (2021) *Ecosystem Services*

Contribution of trees to the conservation of biodiversity and ecosystem services in agricultural landscapes
Barrios, E. et al. (2017) *International Journal of Biodiversity Science, Ecosystem Services & Management*

Agroecology and the design of climate change-resilient farming systems
Altieri, M. et al. (2015) *Agronomy for Sustainable Development*

Harnessing employment-based social assistance programmes to scale up nature-based climate action
Norton, A. et al. (2020) *Philosophical Transactions of the Royal Society B*

Can wildlife management units reduce land use/land cover change and climate change vulnerability? Conditions to encourage this capacity in Mexican municipalities
Gomez-Aiza, L. et al. (2017) *Land use policy*

Operational approaches to managing forests of the future in Mediterranean regions within a context of changing climates
Stephens, S.L. et al. (2010) *Environmental Research Letters*

Ecological niche modeling under climate change to select shrubs for ecological restoration in Central Mexico
Gelviz-Gelvez, S.M. et al. (2015) *Ecological Engineering*

Knowing but not knowing: Systematic conservation planning and community conservation in the Sierra Norte of Oaxaca, Mexico
van Vleet, E. et al. (2016) *Land Use Policy*

Cost-effectiveness of dryland forest restoration evaluated by spatial analysis of ecosystem services
Birch, J.C. et al. (2010) *PNAS*

Selecting cost-effective areas for restoration of ecosystem services
Adame, M. F. et al. (2015) *Conservation Biology*