

NAMA

Nationally
Appropriate
Mitigation
Action

Subnational mitigation actions for the regeneration of landscapes

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Grupo Ecológico Sierra Gorda, I.A.P is operating a Nationally Appropriate Mitigation Action (NAMA) in Mexico called “Subnational Mitigation Actions for the Regeneration of Landscapes”. This NAMA promotes regenerative actions for forest and pasture lands in 12 high-priority states of Mexico. It is rooted in the successful Carbon Compensation Mechanism of the State of Querétaro, in which the government assigns a portion of the fees for annual license plate renewal to a special fund that supports projects that reduce greenhouse gas (GHG) emissions in the state and increase carbon capture in its forests. As a part of the NAMA, GESG and the state of Querétaro are promoting the development of similar mechanisms in other states. The implementation of planned grazing and other regenerative practices was successfully begun on pilot ranches in Querétaro, San Luis Potosí, Guanajuato, Chihuahua and Sonora, and we are promoting replication in other states. The NAMA also regenerates forests by eliminating extensive livestock grazing, forest fires and logging with incentives of payments for ecosystem services to participating landowners. These ac-

tions lead to a significant reduction in CO₂ emissions from forest degradation and increase carbon inventories through natural forest regeneration.

Contribution to Mexico’s NDC

The NAMA contributes to mitigation and adaptation goals of Mexico’s Nationally Determined Contributions (NDC) under the Paris Agreement. We estimate that the regeneration of pasture lands will have a net GHG impact of -2.9 MtCO₂e/year in 2030, which represents 52% of the theoretical planned grazing potential estimated by the National Institute of Ecology and Climate Change (INECC) and 41% of the goal of -7 MtCO₂e for the entire agricultural sector in 2030. The subnational actions for forest regeneration are projected to have a GHG impact of -694,000 tCO₂e/year in 2030. The impacts of the NAMA have been assessed utilizing guidance documents of the Initiative for Climate Action Transparency (ICAT) and methods of IPCC 2006 and have been subjected to independent external review.



Impacts for sustainable development

The NAMA's subnational actions contribute to sustainable development in Mexico. They provide rural forest and pasture owners new forms of income for environmental services, increase the productivity of livestock ranches, create hydrological ecosystem services, stimulate biodiversity and aid carbon sequestration, all of which greatly benefit society. In the livestock subsector, we estimate a 53% increase of income for the participating ranches and an increase of environmental services worth \$47 million USD per year. In the forest sector, we project economic and environmental returns worth \$20 million USD per year.

Transformational Change

The NAMA seeks fundamental and sustained change for Mexico's forest sector and livestock grazing sub-sector in order to contribute to a zero-carbon society in agreement with the Paris Accord, as well as other national and internatio-

nal goals for sustainable development. Reinforcing the subnational actions, the NAMA also promotes a regenerative reorientation of the system of government programs, technical support, incentives and financial mechanisms in the affected sectors. We are also forming a critical mass of regenerative educators, technicians, officials, and legislators who are capable of significant intervention at many levels. All of the above is paired with awareness campaigns geared towards the general public in principal cities of participating states regarding climate emergency awareness and voluntary mitigation of carbon footprints.

Join the Fight!

For more information about how your state or municipal government can join the NAMA and promote regenerative transformation of natural capital in Mexico, please contact Grupo Ecológico Sierra Gorda through the information provided below.



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