



IKI Alliance México Newsletter



News from IKI projects in Mexico

A service provided by the "Mexican-German Climate Change Alliance"

Dear readers:

As part of the United Nations Framework Convention on Climate Change ([UNFCCC](#)), the signing countries have committed to report and monitor anthropogenic greenhouse gas emissions. The necessary inventories can serve as a guideline for the planning and implementation of climate action at a national level, while also allowing the tracking of impacts at a global level.

In this regard, a Measurement, Reporting and Verification (MRV) system provides transparency to the implementation of climate actions and permits an accountability process to show the resources that states are allocating to combat climate change.

In this edition of our newsletter, we want to introduce the Mexican MRV system of subnational climate action and show you how [IKI projects](#) are cooperating with Mexican states and municipalities in climate action and biodiversity conservation.

The quarterly newsletter "IKI Alliance México" highlights the activities and impacts of IKI projects in Mexico and aims to promote exchange and create synergies. Share this issue with your colleagues and counterparts and visit our [blog](#) or [Twitter](#) account!

Do you have comments? We would love to hear from you! Write to us at iki.alliance.mexico@giz.de or via [Twitter](#).

We hope you enjoy this interesting read!

Philipp Schukat and Mona vom Endt from the IKI interface in Mexico.

Introduction



Subnational governments play a vital role in achieving international climate goals. According to the United Nations Development Program ([UNDP](#)), between 50% and 80% of adaptation and mitigation actions to combat climate change will have to be applied at the subnational or local government level. Monitoring, Reporting and Verification

(MRV) systems manage data to monitor, evaluate and verify these climate mitigation and adaptation actions.

What's more, an MRV system ensures greater precision and transparency of the progress and quantifiable impact of climate public policies applied at national, sub-national and sectorial levels. This highlights the disparities and requirements in different territories, while pointing out the needs of public and private financing at national and international level.

A subnational MRV system allows each territory to register their climate action. At the same time, states and municipalities have the opportunity to review other states' measures in the system, thus contributing to an exchange of best practices and ambition raising.

In 2019, the Ministry of the Environment and Natural Resources ([SEMARNAT](#)) and the National Institute of Ecology and Climate Change (INECC), with the support of the Deutsche Gesellschaft für Internationale Zusammenarbeit ([GIZ](#)), developed the "Monitoring System for Climate Actions at a Subnational Level". The 32 Mexican states can use this instrument to periodically report and evaluate their implemented climate actions, thus making public their contributions towards fulfilling the Nationally Determined Contributions ([NDC](#)). The system also allows the measures' effectiveness to be determined against the allocated budgets of each action.

The information acquired from the design of effective mitigation and adaptation strategies promotes economic growth using a competitive, efficient, and sustainable approach. This is because sharing and evaluating good practices from one territory to another favors the implementation of the most effective measures. This will facilitate the application of the same measure in other municipalities and, in turn, can allow greater access to international financing.

In the following pages, we will show you how IKI projects support the implementation of climate action and biodiversity conservation at a subnational level, thus meeting the goals of the Nationally Determined Contributions (NDC).

Bilateral Projects

Mexican-German Climate Change Alliance

02/2019 - 01/2023: Implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)

Mexico is committed to reducing its greenhouse gas (GHG) emissions by 22% and its black carbon emissions by 51% by 2030. In terms of adaptation, the commitments are to protect the population and the cultural heritage, conserve and restore ecosystems, provide food security and manage water resources.



To achieve this, Mexico requires the action of all its stakeholders, including the government, the

private sector, academia and civil society. It is crucial to monitor the implementation of actions at the territorial level.

Therefore, the Ministry of Environment and Natural Resources ([SEMARNAT](#)) and the Institute of Ecology and Climate Change ([INECC](#)) in cooperation with the GIZ have created a climate action monitoring system at the subnational level.

This system gives the 32 federal states of the country the opportunity to include, monitor and report the mitigation and adaptation implemented in their territories, without leaving any state behind.

The system provides a direct channel between the federal government and the state governments to communicate the subnational contributions to the [NDC](#) in a transparent and comparable way.

Read more:

- » [Monitoring of Climate Actions will soon be Possible at a Sub-national Level.](#)
- » [Socio-environmental ventures, together for adaptation to climate change and conservation of biodiversity.](#)
- » [Development of Alternatives for the Transparent Management of Public Resources Allocated for NDC Compliance.](#)

Biodiversity and Sustainable Agrosilvopastoral Livestock Landscapes – BioPaSOS

12/2016 – 12/2021: Implemented by Tropical Agricultural Research and Higher Education Center (CATIE)

With engagement in the states of Jalisco, Chiapas and Campeche, [BioPaSOS](#) is promoting climate action and biodiversity conservation. The project is implemented by the [Tropical Agricultural Research and Higher Education Center \(CATIE\)](#), with support from other institutions and funding from the International Climate Initiative ([IKI](#)).

In the framework of climate action monitoring, BioPaSOS organises meetings with experts to exchange information and experiences on specific emission factors at regional and national levels. Further, in its territories of engagement, BioPaSOS is carrying out research on the water footprint, carbon footprint and greenhouse gas emissions (GHG) in cattle ranches, as well as the monitoring of biodiversity in livestock landscapes.

BioPaSOS promotes the implementation of agrosilvopastoral and silvopastoral systems and good livestock practices, in order to contribute to biodiversity conservation. As a result, the cattle raising families involved experience improved and diversified livelihoods. In addition, the programme fosters awareness of the importance of biodiversity in agricultural areas for young people and women, using citizen science as a mechanism to generate awareness regarding the importance of biodiversity in agricultural areas.

Read more:

- » [BioPaSOS Adds to Climate Action and Biodiversity Conservation.](#)

NAMA for Energy Efficiency in SMEs as a Contribution to a Low Carbon Economy

02/2019 - 03/2023: Implemented by GIZ México



Chiapas livestock producers establishing a fodder bank in the Field School © BioPaSOS.

The [NAMA SME](#) programme, implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit ([GIZ](#)) GmbH, seeks to encourage small and medium-sized enterprises (SMEs) to access financing for Energy Efficiency (EE) projects, in order to mitigate GHG emissions.



With this idea in mind, and in collaboration with the [Efficiency Valuation Organization \(EVO\)](#), the pilot course for the International Energy Efficiency Financing Protocol (IEEFP) was successfully carried out. The IEEFP's objective, in addition to improving financial institutions' understanding of the risks and opportunities of EE projects, is to close the current financing gap.

The course highlighted the main EE technologies and the importance of financial institutions having an Investment Grade Audit. As part of a dynamic, the participants evaluated the financial elements of an EE project.

The event featured prominent actors from the financial sector, generating conversation around the development of products for the financing of EE projects in Mexico. Twenty-five representatives from commercial, multilateral and development banks –as well as non-bank financial institutions from Mexico, Colombia, Ecuador and Brazil– attended.

The Association of Banks of Mexico ([ABM](#)) supported the event by publicising it among its members. The development bank Nacional Financiera ([NAFIN](#)) and the National Commission for the Efficient Use of Energy ([CONUEE](#)) both participated.

Read more:

» [IEEFP Successfully Wraps Up Its Course in Mexico](#)

Climate Protection in Mexican Urban Policy (CiClim)

08/2017 – 12/2022: Implemented by GIZ Mexico

Since 2017, the challenges of Mexican cities in the face of climate change are a priority issue for the work of GIZ Mexico. [The publication Lessons Learned from the Climate Protection in Mexican Urban Policy \(CiClim\)](#) Project 2017-2020 shares the results of this project and the knowledge acquired from the beginning of the project to the present day. It aims to promote creative solutions and share these experiences with the Mexican government, as well as other cities and partners.



Historic Center of León. © CiClim.

The success stories included in the document address climate change from the perspective of urban planning and sustainable mobility, as well as the integration and valuation of ecosystem services in urban planning. Highlights include the implementation of bicycle lanes and road safety strategies, densification scenarios with climate change criteria, and tools for the conservation of urban biodiversity and green infrastructure.

Through success stories and lessons learned, this resource invites cities to unleash their existing potential and design resilient, inclusive and healthy urban areas.

Read more:

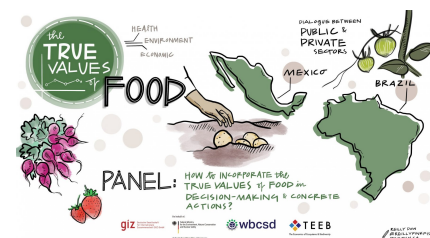
» [Cities Facing Climate Change.](#)

Integration of Biodiversity in Mexican Agriculture IKI-IBA

12/2016 - 12/2021: Implemented by GIZ México

The value of food goes far beyond purely economic aspects; there are many social and environmental implications that depend directly on the practices used for its production.

The project Integration of Biodiversity in Agriculture Project in Mexico (IKI-IBA), together with the World Business Council for Sustainable Development (WBCSD) and UN Environment organized the event "The True Value of Food" at the IUCN World Conservation Congress. The event reflected on the social and environmental implications of food production that have an important value and are usually not taken into account. In addition, a panel discussion highlighted the importance of cooperation between the public and private sectors to achieve the integration of biodiversity into agriculture.



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Coordination between actors represents a major challenge, but it is necessary to join forces in order to achieve a better impact on the well-being of farming families and the preservation of nature.

Read more:

- » [The event "The True Value of Food" demonstrated that the value of food is about more than the price, and that cooperation between sectors is crucial.](#)
- » [Strengthening Technical Skills for Sustainable Food Production in Oaxaca.](#)



Regional Projects

Costas Listas

09/2018 - 11/2022: Implemented by World Wide Fund for Nature (WWF) Mexico

The **Costas Listas** project, implemented by the World Wide Fund for Nature (WWF) Mexico, in coordination with partners, seeks to strengthen the capacities of adaptation to climate change for the communities living in the Dzilam State Reserve, the Ría Lagartos Biosphere Reserve and the Yum Balam Flora and Fauna Protection Area in Yucatán. In addition to collaboration at a federal level, the project also works with subnational governments: an example of this is its relationship with the Yucatán Ministry of Sustainable Development, formalised through a memorandum of understanding.



© Costas Listas

Within the framework of this collaboration, WWF has created inputs to strengthen subnational legislative design on climate change: examples include the incorporation of ecosystem-based adaptation and possible synergies related to the conservation of coastal wetlands, including coastal dunes and mangroves.

In addition to this, the inputs highlight the importance of the alignment and coherence of public policies between the three levels of government, contributing to transversality and correct application of the law. In this regard, they include proposals for public policy instruments, technical instruments, and governance and institutional design schemes.

Green Finance Facility

06/2016 - 12/2024: Implemented by the Inter-American Development Bank (IDB)

In addition to being an essential element for people's social well-being and quality of life, transportation is one of the biggest challenges when talking about GHG mitigation and reducing its impact on the health of the urban population. Therefore, it is a priority to focus attention on Latin American countries moving towards the use of sustainable transport.

For this reason, [LAB México](#) –an Inter-American Development Bank (IDB) initiative, through the [IKI Green Finance Facility project](#)– appointed a working group and presented the roadmap to promote sustainable transportation in Mexico. These guidelines contain recommendations to accelerate the adoption of sustainable transport in three lines of action: harmonisation of public transport policy, promotion of technical assistance and use of instruments.

This effort, which seeks to enable subnational governments in their mobility strategy, is promoted by LAB and the National Bank of Works and Services ([Banobras](#)).

Read more:

» [Presentation of the Roadmap to Promote the Financing of Sustainable Transport.](#)



Global Projects

Climate Footprint Project

09/2018 - 06/2021: Implemented by The Climate Group



The [Climate Footprint Project](#) recently supported the state governments of Baja California and Yucatán in the development of two relevant publications for subnational GHG reduction.

The first is the state of Baja California's [Inventory with Limited Resources](#), which highlights challenges that have been overcome thanks to local alliances, thus improving capabilities for monitoring and reducing emissions.

In the state of Yucatán, work was carried out on the study [Challenges and Opportunities in the Development of a Subnational Greenhouse Gas Inventory](#). Recognising the main sources of emissions allows the state to identify the challenges and opportunities for developing and updating its GHG inventory at a subnational level. The initiative also offers recommendations for planning approaches and methodologies for tracking state emissions.

Read more:

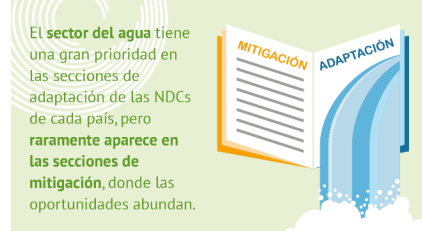
» [The Climate Footprint Project is Working with the Mexican Government to Develop Strategies that Reduce Greenhouse Gas Emissions.](#)

Water and Wastewater Companies for Climate Mitigation (WaCCliM)

12/2013 - 12/2022: Implemented by GIZ México

The Water and Wastewater Companies for Climate

Mitigation (**WaCCliM**) programme is a joint effort between GIZ and the International Water Association (**IWA**). Its objective is to support water and sanitation companies in the reduction of their carbon footprint and adaptation to the impacts of climate change.



© WaCCliM

Currently, it is estimated that the water and sanitation sector contributes up to 5% of global GHG emissions, so it is essential that companies in the sector take measures to mitigate their emissions. The most recent version of the Energy Performance and Carbon Emissions Monitoring and Assessment Tool (ECAM V3.0) offers a transparent and robust approach to quantifying GHG emissions within the urban water sector.

One function of the ECAM V3.0 is the Measurement, Reporting and Verification (MRV) of the urban water sector's contributions to the NDC following the IPCC Guidelines for Greenhouse Gas Inventories and complementary scientific literature, including the 2019 IPCC Refinement.

We invite you to measure and monitor your carbon footprint with the **ECAM V3.0** tool, through the following link: <http://wacclim.org/ecam/>

Read more:

» [WaCCliM Makes Progress towards Sustainable and Climate-Smart Urban Water Management.](#)

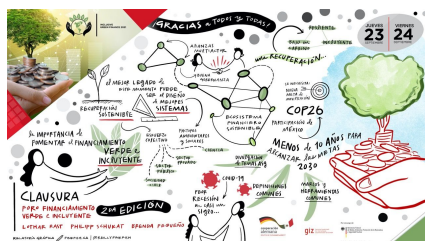


Other News and Events



Webinar Knowledge Management: From bottleneck to success factor

The project Support for the Implementation of the Paris Agreement (SPA) presented the study "Knowledge Management: From bottleneck to success factor" to the IKI LAC community.



Green and Inclusive Financing Forum 2021

On September 23 and 24, this virtual forum on sustainable finance organized by GIZ, brought together financing experts and projects as well as representatives from public and private organizations in Mexico and the region.



Toolbox for the energy transition against climate change

The fourth dialogue of the Virtual Regional Forum took place in Puebla. Three public policy tools for the energy transition at the subnational level were discussed.

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Learning Network: Strengthening capacities in the electric power generation sector.

The series of technical webinars provided a space for exchange between companies belonging to the electric



power generation sector on the Emissions Trading System (ETS).



© Mannheim Local Pact, by Agnes Schönfelder.

Green recovery, local action and digitalization: three approaches to combat climate change

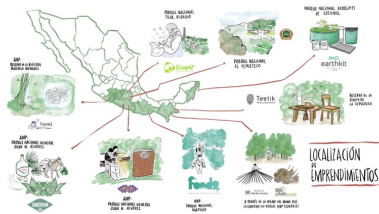
In its second edition, the Climate Change Action Groups brought together the public, private and civil sectors to exchange experiences and discuss solutions to the challenges posed by climate change and the future after the COVID-19 pandemic.



© HUBIQ

HUBIQ is legally constituted as a Civil Association

Recently, the Technology Invention Hub HUBIQ was legally established as a Civil Association (A.C.), a milestone for the project. This means that it can strengthen its role as an actor in the local and regional innovation ecosystem.



Location of socio-environmental enterprises.

Socio-environmental ventures, together for adaptation to climate change and conservation of biodiversity.

On September 9, a virtual meeting was held between nine socio-environmental enterprises, investors and institutions in order to create commercial, investment and training alliances.

INTERNATIONAL CLIMATE INITIATIVE (IKI)



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