

On behalf of:





of the Federal Republic of Germany

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News from IKI projects in Mexico

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

Dear readers:

In a context that remains greatly uncertain at a global level, in terms of both health and economy, we hope you and your family are well.

Although restrictive measures in some countries have become more flexible in recent months, concern about COVID-19 resurgence and the impacts at a social level have exacerbated our situation since the beginning of the year. In Mexico, the transition to the "new normal" is in constant flux, with most Mexican states still in the second highest risk category.

In our last newsletter, we emphasized the importance of a green recovery which permits a comprehensive restoration from COVID-19 for all sectors. Today, repercussions from the economic recession are felt around the world. Therefore, it is more important than ever to stress a sustainable recovery from the pandemic, meanwhile tackling the climate crises which in itself deepens social and economic inequalities.

In this context, September is a special month because it marks five years since 193 countries, within the framework of the United Nations (UN), adopted the 2030 Agenda as a path to sustainability. The 17 Sustainable Development Goals (SDGs) and 169 targets have become a guide towards achieving better standards of living globally.

Besides commemorating and celebrating the efforts so far, the anniversary is also an opportunity to redouble efforts for the next decade. Despite great advances, much remains to be done to reach the goal of "no one left behind". Thus, in this newsletter, we want to show you how the different IKI projects in Mexico are contributing towards the 2030 Agenda.

Our quarterly IKI Alliance Mexico newsletter highlights the activities and impacts of IKI projects in

Mexico and aims to promote exchange and create synergies. We invite you to share it with your colleagues and counterparts, and you can visit our IKI Alliance Mexico blog for more news.

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 reading!

Jasmin Fraatz and Mona vom Endt from the IKI interface team in Mexico

Introduction



The beginning of 2020 marked the beginning of the so-called Decade of Action, a period of ten years in which to achieve the goals proposed in the 2030 Agenda. Approved five years ago, the Sustainable Development Goals (SDGs) have represented an ambitious and global proposal to improve the conditions of the planet and its inhabitants in different parts of the world.

In 2016, Latin America —and Mexico in particular—began working on the adoption of SDGs in different public agendas. In just one year, many of the countries in the region had

already worked on different mechanisms to move from the dissemination to the implementation phase. Accordingly, in September 2017 the Mexican Government published the "Guide to Incorporate the Approach of the 2030 Agenda in the Preparation of State and Municipal Development Plans", a fundamental document of coordination at a local level.

Subsequently, in 2018, Mexico made progress in the construction of a "National Strategy for the Implementation of the 2030 Agenda" through a collaborative exercise integrating comments from the federal public administration, academia, the private sector, civil society, and the general public; thus making the document reflect not only the government's but also the public's opinion.

On the other hand, it is important to highlight the progress that Mexico has made in terms of indicators and monitoring when creating platforms such as the Sustainable Development Goals Information System (SIODS), both in identifying areas of opportunity in the legal framework and in the Legislative Strategy for the 2030 Agenda, which has the purpose of reviewing the status of the federal legal systems in light of the 2030 Agenda. In this regard, it is important to highlight that both initiatives allow the creation of additional and better programs related to the 2030 Agenda in the country.

Despite the astonishing progress in just five years, both in Mexico and all over the world, the UN warns that the changes are not being achieved at the desired and planned speed. In relation to this, in September 2019, the Secretary-General, António Guterres, encouraged working at three levels to guarantee the results of the 2030 Agenda: globally, to ensure leadership and resources; locally, including political agendas and specific budgets; and personally, specifically mobilizing youth, civil society, the private sector and academia.

In this context of global uncertainty due to the COVID-19 pandemic, it is more necessary than ever to redouble efforts to achieve the proposed goals for 2030. Thus, in this newsletter, we will show you how IKI projects are impacting the compliance with the 2030 Agenda in Mexico at several levels and in different ways.

Bilateral Projects

Enhancing the Coherence of Climate and Energy Policies in Mexico (CONECC)

09/2017 - 09/2021

In the 2030 Agenda, innovation plays a fundamental role in accelerating human progress and building dynamic and sustainable economies. The project Enhancing the Coherence of Climate and Energy Policies in Mexico (CONECC), implemented by GIZ, provides technical support to the Ministry of Sustainable Development (SEDESU) for the Technological Information Hub in the State of Querétaro.

On the one hand, the Hub seeks to encourage entrepreneurship to stimulate knowledge among different actors, such as academia, the private sector, and the government. It also aims to build new responses and improve the energy sector, based on technologies in the



fields of renewables and energy efficiency. On the other hand, it seeks to promote the energy transition to strengthen local climate action; technological innovation applied to this sector is the catalyst to achieving it.

The Hub contributes to the scope of several SDGs, such as the following:

- SDG 7: Affordable and Clean Energy. By creating innovation in this sector.
- SDG 9: Industry, Innovation, and Infrastructure. Since technological advances are essential to finding solutions to economic and environmental challenges.
- *SDG 13: Climate Action*. By helping to reduce greenhouse gas emissions.
- Other SDGs to which the Hub contributes are SDG 8: Decent Work and Economic Growth; SDG 11: Sustainable Cities and Communities; and SDG 17: Partnerships for the Goals.

Read more:

- » Primera Convocatoria de Proyectos de Innovación Tecnológica para el Hub de Querétaro
- » Advances in the Innovation Hub for Climate Action in Querétaro
- » Subnational Governments, Energy Transition, and Local Climate Action: Virtual Keynote Speech
- » Co-benefits: Climate Action for Sustainable Development in Mexico
- » First Workshop to Identify Challenges for the Innovation Hub in Querétaro

Mainstreaming Biodiversity into the Mexican Agricultural Sector (IKI-IBA)

12/2016 - 11/2020

The project Mainstreaming Biodiversity into the Mexican Agricultural Sector (IKI-IBA), jointly implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and the Ministry of Agriculture and Rural



Altar to ask for abundance in crops in Chacsinkin, Yucatan © Ana Rebeca Barragán

Development (AGRICULTURA), aims to recognize and integrate the value of biodiversity and ecosystem services in the decision-making and planning instruments of key public and private actors in the Mexican agricultural sector. Thus, the project contributes to the Sustainable Development Goals (SDG) 2, 12, 15, and 17.

- SDG 2: Zero Hunger. In the fight against hunger, we are working with small producers to improve their productivity and promote their access to markets and value chains. Also, the development of financial mechanisms that respect the environment and ensure the provision of ecosystem services to ensure long-term sustainable production is being promoted.
- SDG 12: Responsible Consumption and Production. The project promotes the development of sustainable management instruments and intersectoral coordination in addition to distributing information and knowledge that favor sustainable development.
- SDG 15: Life on Land. Methodologies that have been successful internationally are being adapted and implemented to strengthen the capacity of key stakeholders and to provide farmers with information on the effects and dependencies between agriculture (including livestock and forestry) and biodiversity.
- SDG 17: Partnerships for the Goals. One example of these efforts is the Biodiversity and Agriculture Initiative study in Mexico (TEEB AgriFood México) which aims to integrate biodiversity into the policy and planning instruments for the agricultural sector and to implement methodologies to strengthen the capacities of key actors.

Read more:

- » Series of Seminars for the Exchange of Experiences Between State Authorities on Sustainable Agriculture and Biodiversity
- » IKI-IBA contribuye al cumplimiento de los Objetivos de Desarrollo Sustentable en México

Biodiversity and Sustainable Agrosilvopastoral Livestock Landscapes (BioPaSOS)

12/2016 - 12/2021

Did you know that promoting sustainable livestock contributes to the SDGs?

BioPaSOS is implemented by the Tropical Agricultural Research and Higher Education Center (CATIE) with the support of other institutions and funding from the International Climate Initiative (IKI). It contributes directly and indirectly to eight of the 17 Sustainable Development Goals, including:



- SDG 2: Zero Hunger. BioPaSOS contributions focus on promoting fruit trees in livestock landscapes (silvopastoral systems, SSPs), which diversify production and increase economic income.
- SDG 5: Gender Equality. BioPaSOS runs Field Schools (ECA) with wide participation of women, strengthening their knowledge and affirming their role in cattle raising.
- SDG 12: Responsible Consumption and Production. ECAs disseminate good livestock practices, for better use and management of natural resources and the conservation of biodiversity. In

- addition, the creation of working groups promotes sustainable livestock production, moving towards responsible production and consumption patterns.
- *SDG 13: Climate Action*. Using different studies, BioPaSOS is generating knowledge regarding mitigation and adaptation for climate action.
- SDG 15: Life on Land. SSPs and good livestock practices make it possible to intensify production, thus contributing to the conservation of natural ecosystems and preserving their ability to generate essential benefits to human beings.

Read more:

» Grupo de Agroecosistemas Ganaderos Sostenibles de Campeche ahora es parte de red nacional que impulsa la economía social

Mexican-German Climate Change Alliance

02/2019 - 01/2023



The Mexican-German Climate Change Alliance is implemented by GIZ and aims to assist the Mexican Government in the implementation of concrete measures to achieve the Nationally Determined Contributions (NDC). At the same time, the project contributes to meeting SDG targets through several activities.

- Target 5c: Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels: The Alliance helps achieve this goal by integrating a gender perspective into climate strategies, for example the Mexico City Climate Action Program (PACCM). In cooperation with the Institute of Women, the project carries out a participatory process with the 17 Mexico City ministries that are responsible for implementing the climate protection program.
- Target 12.2: Sustainable management and efficient use of natural resources: The alliance is developing a web application that will provide information to users about the compounds that exist in electronic devices, to sensitize consumers in the use of these devices.

The project activities are also based on the general principles of the 2030 Agenda. Thus, they comply with the principle of "participation" by accompanying the Ministry of Environment and Natural Resources (SEMARNAT) in the process of social participation in the Mexican NDC update, following the General Law on Climate Change. This process allows the opinion of various sectors and actors for climate action to be collected and integrated, through surveys at national and sub-national levels.

Read more:

- » Integrating the Gender Perspective into Climate Action Instruments: The Case of CDMX
- » <u>Spanish version of the "Embedding Environmental Scenario Analysis into Routine Financial Decision-Making in Mexico" is published</u>
- » GIZ Initiates Strategic Alliance with COPARMEX Estado de México, Within the Framework of the Call for Socio-environmental Enterprises
- » Climate Change Action Groups
- » Climate Change: problems and needs in subnational planning
- » Launch of Space for Multi-stakeholder Reflection on Sustainable Recovery
- » The health of the Planet depends entirely on the conditions of ecological balance of ecosystems

Preparation of an Emissions Trading System (SiCEM)

09/2017 - 03/2023

(SiCEM), through its support to SEMARNAT in the design and implementation of an Emissions Trading System (ETS) in Mexico, contributes to the fulfillment of the following SDGs of the 2030 Agenda:



- SDG 3: Health and Well-Being. The incentive granted by the ETS to reduce the burning of fossil fuels in the industry is generally associated with a reduction in emissions of pollutants into the air, allowing a substantial reduction in the diseases and deaths they cause.
- SDG 7: Affordable and Clean Energy. The ETS also encourages the efficiency of thermal energy in processes, as well as electricity generation through renewables.
- SDG 9: Industry, Innovation, and Infrastructure. The ETS is an instrument that encourages companies in the industrial and energy sectors to modernize their infrastructure and carry out investments to reduce greenhouse gases. It also works as a catalyst for technological innovation in efficient and low-carbon production processes.
- SDG 13: Climate Action. For those countries that choose to implement auctions for emission allowances, an ETS generates additional revenue for the government, usually used to finance climate change adaptation or mitigation activities.

Read more:

- » Impact of the Covid-19 crisis on Emissions Trading Systems
- » <u>Diseño del esquema de subastas para el Sistema de Comercio de Emisiones en México:</u> <u>Escenarios preliminares de implementación</u>
- » Fortaleciendo capacidades: aspectos metodológicos de la verificación de emisiones de GEI en el marco del RENE y el SCE en México
- » <u>De la teoría a la práctica: La Academia del SCE 2020, un espacio de aprendizaje para tomadores de decisión desde la experiencia nacional e internacional</u>



Graphic memory taken during the "Academy of the Emissions Trading System", September 2020 © GIZ

Restoration of Mangrove Forest Landscape: An Opportunity for Social Development in the RAMSAR site "Alvarado Lagoon System" in Veracruz



The project Restoration of Mangrove Forest Landscape: An Opportunity for Social Development in the RAMSAR Site "Alvarado Lagoon System" in Veracruz, is implemented by Pronatura Veracruz A.C. The project seeks to increase the capacities of the mangrove ecosystem as well as local communities to adapt to the context of climate change.

The project is mainly aligned with SDGs 10 to 15. The activities that directly fulfill the SDG targets are the following:

- *Targets 12.2, 12.8, 12.b, 11.4, 10.1*. In social terms, the development of the local economy is encouraged, with a legal, sustainable, and community use of the mangroves, as well as the promotion of their products in fairer markets.
- Target 13.3. This is accompanied by a comprehensive process to build capacities, education, and awareness-raising.
- Targets 13.1, 14.2, 14.5, 15.1, 15.2, 15.5, 15.6 and 15.7. At an ecological level, degraded mangroves are being recovered using an ecological restoration technique that adapts the traditional system of chinampas (floating raised farming beds).

The sector needs to continue mobilizing financial capital, accompanied by capacity building, knowledge generation, and effective communication. This would allow progress on issues such as blue carbon markets under the principle of the fair distribution of resources.

Read more:

- » Education, Awareness and Capacities to Achieve the Goal of Mangrove Restoration
- » Mundo Manglar: Promoting Local Economies in the face of the Covid-19 health contingency
- » Actions against the economic effects of Covid-19 in Chiapas

Climate Protection in Mexican Urban Policy (CiClim)

08/2017 - 06/2021

The project Climate Protection in Mexican Urban Policy (CiClim) of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), as part of the IKI, supports Mexico in achieving the following SDG:



■ SDG 11: Sustainable Cities and Communities. The project CiClim, in cooperation with the Climate Policy Meets Urban Development (CPMUD) program, provides technical advice to local governments to strengthen and promote emerging bikeway projects in three cities (San Nicolás de la Garza, Nuevo León; Torreón, Coahuila; and Oaxaca de Juárez, Oaxaca). The three cities were selected through a competition organized in alliance with the Ministry of Agricultural, Territorial and Urban Development (SEDATU). Furthermore, the city of León, Guanajuato was mentored for the emergent bike path that has been in operation in that municipality since July.

Emerging bike paths have been key to sustainable urban mobility of people and goods. Bicycle lanes are expected to become permanent infrastructures in favor of a green recovery in cities.

Read more:

- » Climate Change Action Groups
- » Movilidad 4S: Ciclovías emergentes hacia la recuperación verde

» Valuing Nature Services in Cities

Proyectos regionales

Promotion of Biodiversity and Climate Change Monitoring in the Selva Maya Region

08/2016 - 07/2021



Landscape in the rainy season in Guatemala © GIZ - Selva Maya Program

New seasonal forecasting provides better rain forecasting in the Selva Maya Region

The project is implemented by GIZ, commissioned by the BMU, and funded by IKI. The idea, on the one hand, is that the monitoring of biodiversity and climate change in the Selva Maya be carried out between Mexico, Guatemala, and Belize and - on the other hand - that the monitoring results be taken into account to a greater extent in political decisions.

Within the framework of this project, the meteorological services of Belize, Guatemala, and Mexico have joined efforts and are developing joint seasonal forecasts for the Selva Maya region. These documents serve to provide concrete and reliable information to decision-makers and the Selva Maya population.

In this way, it contributes to achieving the following SDG of the 2030 Agenda:

SDG 13: Climate Action. With this regional collaboration, stakeholders support the development of human and institutional capacities to adapt to and/or mitigate the effects of climate change in the region of the important Selva Maya rainforest.

Read more:

- » New Seasonal Forecast Provides Better Rain Forecast in the Selva Maya
- » Poor air quality worsens the effects of COVID-19

Climate-Smarting Marine Protected Areas and Coastal Management in the Mesoamerican Reef Region (Smart Coasts)

06/2018 - 11/2022



The Smart Coasts project is implemented by the World Wildlife Fund (WWF), the National Commission of Natural Protected Areas (CONANP) and other partners and aims to strengthen the capacities of coastal communities to adapt to climate change.

The project contributes directly to the following SDGs:

- SDG 2: Zero Hunger. The project promotes the protection of ecosystems on which fish species depend, taking into consideration aspects of adaptation to climate change. It also contributes to Target 2.4 by ensuring the sustainability of food production systems and applying resilient agricultural practices that increase productivity and production, contributing to the maintenance of ecosystems, and strengthening adaptive capacity.
- SDG 13: Climate Action. It specifically contributes to Target 13.1 by strengthening resilience and

- adaptability to climate and natural disaster-related risks; and Target 13.2 by incorporating climate change measures into national policies, strategies, and plans.
- SDG 14: Life Below Water. The project promotes adaptation measures based on ecosystems, thus also contributing to Target 14.1 by managing and protecting marine and coastal ecosystems sustainably in order to avoid important adverse effects, including strengthening their resilience and taking steps to restore the health and productivity of oceans.

Proyectos globales

Financing Energy for Low-carbon Investment Cities Advisory Facility (FELICITY), Program for Energy Efficiency in Buildings (PEEB)

03/2017 - 05/2021, 10/2017 - 09/2020

The global programs Financing Energy for Low-carbon Investment Cities Advisory Facility (FELICITY) and Program for Energy Efficiency in Buildings (PEEB), supported by the BMU's IKI and implemented by GIZ, presented the Guide to Energy Efficiency in the Design, Construction and Operation of Hotels in Hot Climates, which illustrates energy efficiency



measures, cost-benefit data, business models, and financing options.

The guide contributes to several of the SDGs on the 2030 Agenda:

- SDG 7: Affordable and Clean Energy. The guide provides energy efficiency and renewable energy strategies, as well as information on the importance of decarbonizing the hotel sector.
- SDG 11: Sustainable Cities and Communities. It seeks to promote the development of the hospitality industry through sustainable practices that continue to generate jobs without putting pressure on resources.
- SDG 12: Responsible Consumption and Production. By promoting efficiency energy in the hotel sector.
- SDG 17: Partnerships for the Goals. The guide is the product of collaboration between private initiatives, SEMARNAT, and the global programs FELICITY and PEEB.

Read more:

- » Expanding the technical concepts of solid urban waste in the preparation of low-carbon infrastructure projects
- » How does the sanitary crisis impact Low-Carbon Projects? FELICITY Case
- » Se presenta la Guía de Eficiencia Energética en Hoteles en Climas Cálidos

Implementing Strategies for Regional Transitions to Low-Emissions Rural Development in Peru, Kenya, Indonesia, and Mexico

06/2016 - 11/2020

As part of the strategic targets of the project Implementing Strategies for Regional Transitions to Low-Emissions Rural Development in Peru, Kenya, Indonesia, and Mexico, carried out between PRONATURA SUR AC., the Ministry of Environment and Natural History of the State of Chiapas (SEMAHN), and the Ministry of Agriculture, Livestock and Fisheries (SAGyP) within the same entity, prepared the Map



for Resilience to Climate Change (MARACC).

This digital tool defines the forest-agricultural border for the protection, conservation, sustainable use, and restoration of ecosystems, natural resources, goods, and environmental services of the area. It carries out actions relating to the prevention, restoration of the damage, and avoidance of the destruction of the state's natural resources and environment.

This project addresses two SDGs of the United Nations 2030 Agenda:

- SDG 13: Climate Action. For effective action, both government agencies demand a vision and action with a long-term focus that allows an evaluation of the results of this instrument, as well as the charting of trends based on strategic decisions and collaborative work.
- SDG 17: Partnerships for the Goals. Coordinated work between both ministries has led to an adequate strategy to deal with the consequences of climate change.

Find out more about the project here: https://maracc.chiapas.gob.mx/

Water and Wastewater Companies for Climate Mitigation (WaCCliM)

12/2013 - 12/2022



The Water and Wastewater Companies for Climate Mitigation (WaCCliM) program is a joint initiative between GIZ and the International Water Association (IWA) and has the objective of supporting water and sanitation companies in the reduction of their carbon footprint and adaptation to the impacts of climate change.

WaCCliM has introduced a roadmap with systematic steps and measures for water and sanitation operating organisms (OO) under a circular perspective of water management that considers the potential for mitigation and adaptation in all components of the urban water cycle. WaCCliM's experience has shown that water flows into, through, and out of cities are connected to some of the biggest commitments in the country to achieve sustainable development.

OOs can link the measures implemented for adaptation and mitigation of climate change with NDCs and SDGs.

WaCCliM not only supports OOs in making progress in the fight against climate change but also towards the achievement of the following SDGs:

- SDG 3: Good Health and Well-being
- SDG 6: Clean Water and Sanitation
- SDG 7: Affordable and Clean Energy
- SDG 9: Industry, Innovation, and Infrastructure
- SDG 11: Sustainable Cities and Communities

Read more:

» The importance of the water and wanitation sector in battling the Covid-19 crisis





































Other news

Mexican-German Climate Change Alliance

- » Indicators for monitoring and evaluating adaptation to climate change
- » Human Rights and Climate Migration
- » A Taxonomic System for Mexico: What Previous Experiences Show

LAC Green Finance Facility to mobilize private investment in mitigation actions and low-carbon and sustainable business models through NDBs.

» Sectoral Workshop Developed by Lab Mexico to Promote Financing for Distributed Generation in Mexico Ecosystem-based Adaptation to Climate Change in cooperation with the private sector in Mexico-ADAPTUR

» Water for the Future in San Miguel de Allende

The Climate Footprint Project

» Monitoring Green Recovery Actions Across States

Contact

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Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Registered offices
Bonn and Eschborn, Germany

Friedrich-Ebert-Allee 32 + 36 53113 Bonn, Germany T +49 228 44 60-0 F +49 228 44 60-17 66

Dag-Hammarskjöld-Weg 1 - 5 65760 Eschborn, Germany T +49 61 96 79-0 F +49 61 96 79-11 15

E info@giz.de I www.giz.de

Registered at

Local court (Amtsgericht) Bonn, Germany: HRB 18384 Local court (Amtsgericht) Frankfurt am Main, Germany: HRB 12394

VAT no. DE 113891176 Tax no. 040 250 56973

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Ingrid-Gabriela Hoven
Thorsten Schäfer-Gümbel

In charge of this newsletter:

Jasmin Fraatz, jasmin.fraatz@giz.de

Editor(s):

Mona vom Endt, mona.vomendt@giz.de

With contributions from:

Gabriela Sasha Vázquez Aceves y Jessica Petrino

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