



## IKI News Brazil Newsletter



### News from IKI projects in Brazil

A service provided by the Climate Policy Programme Brazil (PoMuC)

#### Welcome!

We are pleased to announce **the fifth edition of IKI News Brazil, which marks our one-year anniversary!** A warm thank you to everybody contributing to this newsletter and of course to all our readers for your interest in mitigation and adaptation to climate change, climate finance, preservation of biodiversity, and urban and sustainable development in Brazil.

The past months were marked by the submission of **Brazil's second update on its Nationally Determined Contribution (NDC)** to the Secretariat of the United Nations Framework Convention on Climate Change (UNFCCC) in March 2022. With this Brazil confirms its commitment to reduce its greenhouse gas emissions in 2025 by 37%, compared to 2005. Additionally, Brazil commits to reduce its emissions in 2030 by 50%, compared to 2005. Brazil's NDC also includes a long-term objective to achieve climate neutrality by 2050.

Further the Brazilian Ministry of Environment published on May 19th a decree that establishes the procedures to develop **Sectoral Plans for Climate Change Mitigation**, and describes a **National Greenhouse Gas Emissions Reduction System (SINARE)** and its institutional anchoring and by that laid the ground for sectoral mitigation targets, a Brazilian compliance and voluntary carbon market, and linkages to the mechanism under Art. 6 of the Paris Agreement.

Furthermore, a relevant part of the IKI family in Brazil had the pleasure to meet in person for the first time since 2019. In May **the fifth networking event for IKI projects** took part in Brasilia with the presence of political representatives of the German Federal Ministry for Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV), the Federal Ministry for Economic Affairs and Climate Action (BMWK), the Brazilian Ministry of Environment (MMA), Ministry of Science, Technology and Innovation (MCTI), Ministry of Regional Development (MDR) and Ministry of Infrastructure (MInfra), in addition to the many representatives of IKI project in Brazil. This year's event was dedicated to the theme of **'Linking digital and green transformation'** – a topic which wanting it or not, concerned us all in the course of the Covid-19 pandemic. With lessons learned

from the last year's event, which took place in a 100% digital format, this year's event happened in a hybrid format, enabling several international partners to participate from far away. While the pandemic brought us forward in terms of digital communication and cooperation, we were happy to (re)meet in person, to chat and eat together, while discussing the future of a digital and green transformation.

Enjoy your reading and note that your feedback is always appreciated.

### Anja Wucke

Director, Climate Policy Programme (PoMuC) / GIZ

#### PROJECT NEWS

- » Mitigation
- » Adaptation
- » Biodiversity
- » Climate Finance
- » Sustainable Urban Development

#### PUBLICATIONS

## PROJECT NEWS

### Fifth networking event for IKI projects in Brazil promotes debate on digital and green transformation

from [Fernanda Gouveia](#), NCPD and [Wendy König](#), PoMuC project



© Gustavo Gomes

The 5th networking event for IKI projects in Brazil brought together representatives from several IKI projects in Brazil to discuss digital and green transformation. In addition to the several implementing organisations, the event had a strong political presence: The German side was represented by Nina Wettern, Senior Policy Director of IKI at BMWK and Elke Steinmetz, Head of the BMUV's International Cooperation on Biodiversity Division, among others. Daniel Picolo Catelli, MMA's Deputy Executive Secretary presented the National Green Growth Programme, Eliana Cardoso Emediato de Azambuja, General Coordinator of Digital Transformation at MCTI, shared experiences

on digital transformation policies in Brazil. Also, Laís Araújo, General Coordinator of Support for Regional and Urban Management at MDR, had a lot to contribute to the panel with a lecture on the Brazilian Charter for Smart Cities.

During the event, that took place on the 5th of May and was hosted in a hybrid format for the first time, representatives of projects related to the theme presented digitalization and green growth actions that are already being implemented within the IKI portfolio. For instance, the Secretary of Environmental Quality, André França, presented two apps focused on sustainability and depollution: the '*Praia Limpa*' (EN: Clean Beach) app, for monitoring beaches, and the '*Combate ao Lixo no Mar*' (EN: Combat Marine Litter) app, both developed with support from IKI's 'TerraMar' project. These examples made clear that Brazil is already well established in terms of digitalization in comparison to other countries.

Making use of the world-café method, a creative process based on dialogue, participants discussed a series of questions. The discussions encompassed possible challenges such as the lack of digital literacy across the country, and potentials such as the creation of new sustainable jobs that may arise from such transformation. The attendees were inspired in light of these new questions and now are in search of digital and green transformations that are fair and sustainable – in Brazil and Germany. The IKI meeting is held yearly and organised by the IKI project 'PoMuC', fulfilling its role as interface for IKI projects in Brazil.



## MITIGATION

### Platform to measure CO2 emissions in civil construction launched

from [Ariadne Souza](#), SPIPA project



© SIDAC

With support from the IKI project 'Partnership for the Implementation of the Paris Agreement' (SPIPA), the Brazilian Ministry of Mines and Energy launched on April 27 the Information System for Environmental Performance in Construction (Sidac) during the 'Promoting Low Carbon Buildings' webinar.

The system is an innovative web platform, aimed at the Brazilian construction market. It allows calculating the energy and carbon footprint of construction products manufactured in Brazil. The tool is very useful for the sector and may be used in the development of public policies to encourage sustainable and low-carbon construction.



## More information

- » [Sidac Page: Information System for Environmental Performance in Construction \(EN\)](#)
- » [Project page: SPIPA \(EN\)](#)

## Green Recovery is focus of conversations among Brazilian states

from [Ariadne Souza](#), SPIPA project

The conversations on 'Green Recovery: sustainable paths for the states' held in January, had as their main goal aiding state governments to combine economic growth with achieving the carbon emission reduction targets established under the Paris Agreement.

Over 700 public managers and other experts took part in at least one of the nine editions of the event, which addressed topics such as waste management, carbon credits, green hydrogen and offshore wind energy. The seminar series was promoted by the IKI project 'SPIPA', in partnership with the Brazilian Association of State Environmental Entities (ABEMA) and the state governments of Espírito Santo, Pernambuco and São Paulo. It demonstrated that subnational governments play an important role for the climate agenda in Brazil. The dialogues were a collective call to the different sectors of society to see economic recovery as green and as an opportunity to align social, climate and economic development goals within the same agenda.

**Recuperação Verde**  
caminhos sustentáveis para os estados

**PROGRAMAÇÃO**

Com nove encontros, até maio de 2022, a série de diálogos **Recuperação Verde: caminhos sustentáveis para os estados** aborda temas estratégicos para auxiliar os estados brasileiros na redução de emissão de gases do efeito estufa aliada à recuperação econômica verde pós-pandemia. A iniciativa conta com promoção do programa SPIPA (Strategic Partnerships for the Implementation of the Paris Agreement) e da ABEMA (Associação Brasileira de Entidades Estaduais de Meio Ambiente) e apoio dos estados de Espírito Santo, Pernambuco e São Paulo.

DATA	TÍTULO
27 JANEIRO	<b>Diálogo 1</b> Benefícios e oportunidades de uma recuperação econômica verde
24 FEVEREIRO	<b>Diálogo 2</b> Resíduos sólidos urbanos para a produção de biogás e biometano: gestão, governança e políticas públicas
10 MARÇO	<b>Diálogo 3</b> Etanol e Biodiesel: perspectivas e desafios para o Brasil pós COP26
17 MARÇO	<b>Diálogo 4</b> Visão sistêmica dos Recursos Energéticos Distribuídos (RED) no contexto brasileiro
24 MARÇO	<b>Diálogo 5</b> Agricultura do novo século: inovações e oportunidades com baixo carbono
31 MARÇO	<b>Diálogo 6</b> Energia Eólica Offshore: tendências e oportunidades de novos projetos
07 ABRIL	<b>Diálogo 7</b> Créditos de Carbono: mercado, perspectivas e oportunidades para os estados brasileiros
13 ABRIL	<b>Diálogo 8</b> Hidrogênio para a transição energética: rotas de produção, tecnologias e os diferentes cenários no Brasil
11 MAIO	<b>Diálogo 9</b> Financiamento para ações de descarbonização

**PARCERIAS**

**APOIO**

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## More information

- » [Videos of the series: Green Recovery - sustainable paths for the states \(PT\)](#)

## Watershed conservation as part of the water security agenda

from [Samuel Barrêto](#), [Water Funds](#) project

Healthy watersheds tend to be less affected by extreme weather events, in addition to recovering faster from them. This is reflected in how we are impacted by the availability of the resources the watersheds offer us. Integrated watershed conservation and management is essential to ensure their resilience – and incorporating conservation into the cost of

water production distribution is one possible way to address it.

For the first time, the protection of water sources was incorporated in the revision of the tax structure in São Paulo with the joint efforts of TNC, implementing organisation of the IKI project 'Water Funds: A Resilient Model for Stressed Urban Watersheds', the Basic Sanitation Company of the State of São Paulo, the Secretariat of Infrastructure and Environment of the State of São Paulo (SIMA) and the Public Services Regulatory Agency of the State of São Paulo (ARSESP). ARSESP and SIMA are going to invest R\$ 5 million in pilot conservation actions in the Cantareira System.



© Piracaia Water Producer Programme

### More information

» [Project page: Water Funds - Resilient Urban Watersheds \(EN\)](#)

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## New action plan to close a dumpsite in the middle of the Atlantic Forest

from [Nádja Reis](#), [ProteGEEr](#) project



© Dênio Simões

From April to June, the bilateral IKI project 'Climate Friendly technologies and capacity development for the implementation of the Brazilian National Solid Waste Policy' (ProteGEEr) will carry out an action plan to close a dumpsite in Itacaré - a small town located on the south coast of Bahia that receives more than 30 tons of solid waste a day.

The plan includes actions like: carrying out an environmental diagnosis in the area; performing cooperative actions, including support for the legitimization of the Recyclable

Material Collectors Association; giving technical support for implementing the necessary emergency actions, in addition to capacity building during the implementation of selective collection and enforcement of the Solid Waste Policy. The activity is part of a project initiative that offers counselling to 10 municipalities. It includes practical interventions carried out based on the use of the Closure of Dumpsites and Selective Collection tools, developed by 'ProteGEEr' to support the sustainable management of Municipal Solid Waste (MSW) in Brazilian cities.

### More information

» [Article: MDR and the Itacaré City Hall sign a protocol to close the city dumpsite by July \(PT\)](#)  
» [Project page: ProteGEEr \(EN\)](#)

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## Capacity building to implement tools for sustainable urban solid waste management reaches 49 municipalities in Brazil

from [Nádja Reis](#), [ProteGEEr](#) project

Curso online



## Multiplicando conhecimento: Ferramentas para a gestão sustentável de Resíduos Sólidos Urbanos (RSU)

Módulo 1: Introdução e Fundamentos - 2ª parte

Tema da palestra: Desafios da Gestão de RSU no Brasil: Aspectos de mercado, legais e de licenciamento | Palestrante: Christiane Pereira



© GIZ/ProteGEEr

In April, 126 people (46% women) were certified in the use of tools for sustainable urban solid waste management developed by the IKI project 'ProteGEEr'. The online course lasted 16 hours and included topics such as the Legal Framework for Sanitation, the closing of dumpsites, selective collection, cooperativism, technological routes and the collection of fees and taxes.

This action is part of a project initiative aimed at training local representatives. A 2nd in-person phase will be implemented in municipalities in the North of Brazil. After that, practical interventions will be carried out in selected municipalities with support from the Federal University of Pará, which is part of 'ProteGEEr's Brazil-Germany university network.

### More information

- » [Tools for sustainable management of MSW \(PT\)](#)
- » [Online Course/ 1st class: Multiplying knowledge: Tools for sustainable management of MSW \(PT\)](#)

## Private sector, government and universities discuss waste management solutions during the International Conference on Solid Waste

from [Nádja Reis](#), [ProteGEEr](#) project



© Sarah Teodosio



Between the 16th and the 18th of March, the IKI project 'ProteGEEr' participated in the International Conference on Solid Waste (Cirsol), where it promoted panels, workshops, lectures and a technical visit. These actions were planned to further disseminate the tools for sustainable management of MSW developed by the project.

On the 16th 'ProteGEEr' was involved in two panels on waste, focused on climate and circular economy. On the 17th, two other panels on MSW were set up: one focused on intersectoral cooperation and the other on sustainable management for municipalities, in addition to a workshop on GHG emissions. On the 18th, members of the federal government and universities took part in a technical visit and a workshop on the *Rotas* (EN: routes) tool.

### More information

- » [Article: The Federal Government presents practical tools for urban solid waste management in an international conference \(PT\)](#)
- » [Schedule: CIRSOL \(EN\)](#)

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## Circular economy perspectives in public action are discussed at an international symposium

from [Nádja Reis](#), [ProteGEEr](#) project

On the 4th of May, a representative of the IKI project 'ProteGEEr' took part in the panel 'Brazil - Building Inclusive Circular Ecosystems at Scale' that took place at the Circular City Week event in cooperation with the Circular City Coalition and other institutions.

Throughout his speech, Guilherme Gonçalves addressed the promotion of a circular economy in the public sector and the main challenges of MSW management in municipalities, such as financial sustainability and the closure of dumpsites.

Relevant players in the agenda also took part, such as Ricardo Bomfim Alves, Head of Circularity at Enel Brasil, Luisa Santiago, Head of Latin American Engagement at the Ellen MacArthur Foundation and Rodrigo Perpétuo, Executive Secretary for South America at ICLEI.

The image shows a screenshot of a webinar registration page. At the top left, it indicates the date '04 May' and a small landscape photo. The main title is 'Brazil: Building Inclusive Circular Ecosystems in Urban Hubs at Scale'. Below the title, there is a subtitle: 'The transition to a circular economy in Brazil is driven by the potential for an...'. A location icon shows 'Online from Brazil' and a clock icon shows '1:00 PM'. A 'Register' button is on the right. Below the text is a large banner image of a cityscape with a cable car. Overlaid on the banner are logos for PYXERA Global, enel, Rheaply, METABOLIC, and FIRST MILE.

© Nadja Reis

### More information

- » [Schedule: Circular City Week 2022 \(EN\)](#)
- » [Circular City Coalition \(EN\)](#)

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## Launch of teaching material on Sustainable Aviation Fuels

from [Lucas Freire Vaz](#), [ProQR](#) project



© GIZ/ProQR

Between the 1st and 6th of May, the bilateral IKI project 'Climate-neutral Alternative Fuels' (ProQR), in cooperation with the German Aerospace Centre (DLR), held the 'Train of Trainers – Alternative Fuels for Aviation in Brazil' capacity-building course for teachers in Rio de Janeiro. The training also marked the launch of teaching material developed by 'ProQR' and DLR, which aims at supporting teaching and research on Sustainable Aviation Fuels in Brazil. The event

enabled a rich knowledge exchange between the participating university professors and DLR experts. In addition to the material, 'ProQR' made a publication with a summary of the teaching resources available, as well as editorials from the main players involved, in addition to an access form to receive all the material.

### More information

- » [Article: Teaching material on SAF launched in Capacity Building Course in Brazil \(EN\)](#)
- » [Project page: ProQR \(EN\)](#)

## New research on Green Hydrogen and Sustainable Aviation Fuels in Brazil

from the [ProQR](#) project



© GIZ/ProQR - Adapted from escolaeducacao.com.br

The bilateral IKI project 'ProQR' and the 'H2Brasil' project have joined forces to drive research about Green Hydrogen and Sustainable Aviation Fuels (SAF) forward. With their financial resources and technical expertise, initiatives that explore alternative fuel production routes have been developed by three different lab facilities:

Since the beginning of 2022, the SENAI Renewable Energy Innovation Institute in Rio Grande do Norte is developing a pilot plant, which will use glycerin, a co-product of Biodiesel, as one of the raw materials to produce Green Hydrogen and, later, SAF. In Paraná, CIBiogás and its partners explore the use of biogas in the production of Green Hydrogen and SAF. Finally, in the state of Goiás, the Federal University of Goiás is researching the production of synthetic crude petroleum oils from biomass and agro-industrial residues. These partnerships are part of the efforts undertaken by the governments of Germany and Brazil to promote the energy transition by producing sustainable alternatives to fossil fuels.

### More information



- » [Article: German cooperation boosts SAF production in Northeast Brazil \(EN\)](#)
- » [Article: Cooperation project produces SAF from Biogas in Southern Brazil \(EN\)](#)
- » [Article: Research in synthetic oil and sustainable fuels will reach the Midwest of Brazil \(EN\)](#)

## Increasing States Measurement, Reporting and Verification capacities

from [Anaísa Pinto](#), [Climate Footprint Project](#)

The second phase of the IKI's 'Climate Footprint Project', implemented by the Climate Group, started early this year. The project aims to deliver capacity building and enhanced knowledge in Measurement, Reporting and Verification (MRV) systems, providing further opportunities for tracking and cutting emissions to states and regions, which are part of the Under2 Coalition - a global network committed to the Paris Agreement. In Brazil, the Climate Group's team is working with the states of Mato Grosso do Sul and Amapá, two important members of the Under2 Coalition, which were selected for two technical interventions.

Working with their technical partner Ricardo Energy and Environment and the local partner WayCarbon to identify technical needs, the project developed a plan to support the states with the process of developing GHG emissions inventories through theoretical training and practical training. In May, the first seminar with Mato Grosso on the topic 'What is a GHG inventory and its importance' took place with over 115 attendees. The state shows a strong commitment to develop a GHG inventory.



© Climate Group

### More information

- » [Article: Climate Footprint Project: Phase II \(EN\)](#)
- » [Article: Meeting defines strategy for preparation of the Climate Inventory of Mato Grosso do Sul \(PT\)](#)
- » [Project Page: Climate Footprint Project \(EN\)](#)



## ADAPTATION

### Vice-Consul of the Consulate General of Germany in São Paulo visits water security initiatives

from [Luciana Alves](#), [ProAdapta](#) project



© Luiz Henrique Weber/Boticario Group Foundation, Daisy Mara Jayme Maia/Sanepar

In April, the vice-consul of the Consulate General of Germany in São Paulo, Joseph Albert Weiss, was received by partners from the bilateral IKI project 'Supporting Brazil in the implementation of its National Agenda for Climate Change Adaptation' (ProAdapta).

The visit took place as part of a cooperation with the Viva Água Movement, an initiative led by the Boticario Group Foundation, which brings together efforts from government institutions, universities, civil participation and the business sector, to ensure water security and climate resilience in the Miringuava watershed in São José dos Pinhais (PR).

The visit started at the Water Treatment Station of Paraná Sanitation Company (Sanepar) and it went on with a trip to the rural property where the first restoration pilot project for the watershed is located. Part of it was restored with species from the araucaria forest and the other with an agroforestry system with species that can provide economic return to producers. On the occasion, Mr. Weiss visited the Miringuava dam, which is being built by Sanepar to improve water availability.

#### More information

- » [Video: Viva Água Movement \(PT, EN subtitles\)](#)
- » [Project page: ProAdapta \(EN\)](#)



## CLIMATE FINANCE

### Capacity building for banks to expand the financing of energy efficiency projects in Small and Medium Enterprises

from [Eloísa Fernandez](#), [PotencializEE](#) project



© BNDES

As of May, the NAMA Facility project 'Transformative Investments for Industrial Energy Efficiency Programme' (PotencializEE) and the Brazilian National Bank for Economic and Social Development (BNDES) will realize trainings for banking institutions to operate financing activities for energy efficiency (EE).

Awareness-raising on the subject made the training possible, in which 26 banks and 150 people participated, including credit managers. 'PotencializEE' will also support BNDES in expanding their

Credit Guarantee Programme for Energy Efficiency as a scaling instrument for EE financing at the national level, accomplishing market studies on investment potential, projections of mitigation of GEE and cases of projects carried out.

### More information

- » [Article: PotencializEE and BNDES offer capacity building for banks to operate financing activities for EE projects for SME \(PT\)](#)
- » [Project page: PotencializEE \(EN\)](#)

## Launch of BNDES Blended Finance - initiative to finance projects with social impact

from [LAC - Green Finance Facility](#)



© BNDES

On the 9th of May, BNDES held an event to launch BNDES Blended Finance, an initiative that will involve the public selection of hybrid financial structures for the financing of projects with social impact - encompassing urban development, forest bioeconomy and circular economics. This is one of the pilot projects of the IKI project 'LAC Green Finance Facility'.

BNDES is one of the entities that make up the Financial Instruments and Impact Investments working group, in LAC's Blended Finance Structures subgroup. It aims at promoting a favourable environment for expanding the supply of resources for social-impact businesses and projects that promote sustainable economic development. This is possible due to financial instruments that bring together public, private and philanthropic funds. At the event, LAC was represented by the Inter-American Development Bank.

### More information

- » [Video: Launch Live - BNDES Blended Finance Public Notice \(PT\)](#)
- » [Article: BNDES launches innovative hybrid financial solution to encourage socio-environmental projects \(PT\)](#)
- » [Project page: LAC - Green Finance Facility \(EN\)](#)

## Green Finance collaboration to support bioeconomy in the Amazon

from [Alexander Vasa](#) and [Carlos Salgado](#), [LAC Green Finance Facility](#) project



© Rafael Rodrigues



In 2021, the Inter-American Development Bank initiated a new strategic collaboration to strengthen the Banco da Amazônia's (BASA) capacity to scale up private investments in sustainable bio-businesses in the Amazon region. Initial results include the piloting of the physical climate risk 'heatmap tool' to assess BASA's portfolio according to sector/subsector and geographical dimensions; and the consideration of BASA as the Brazilian executing entity for the Green Climate Fund (GCF) Programme 'The Amazon Bioeconomy Fund' approved by the GCF Board in October 2021 for a total of USD 279 Million (about 50% resources for Brazil) and supported via IKI-resources. The overall goal of the GCF Programme is to mobilize private investment in bio-business and forest management by providing financing, capacity building, and incentives to promote the value of natural capital and sustainable forest assets in Brazil, Colombia, Ecuador, Guyana, Peru and Suriname.

#### More information

- » [GCF funding proposal: The Amazon Bioeconomy Fund \(EN\)](#)
- » [Overview: The Amazon Bioeconomy Fund \(EN\)](#)
- » [Video : GCF in the Amazon: Empowering bio-businesses to protect the Amazon biome \(EN\)](#)

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## Dialogues on sustainable finance and green recovery in Brazil

from [Lukas Prinz](#), [Gustavo Ribeiro](#), [Maria Rosa Tesser](#), [Mariana Lima Maia](#) and [Yara Martinelli](#), FELICITY project

On 4th April, the global IKI project 'Financing Energy for Low-carbon Investment - Cities Advisory Facility' (FELICITY), in cooperation with the Brazilian Development Association ABDE, BMZ's Green Finance project 'FiBraS', WRI Brazil and the German Embassy in Brasília, organized the seminar 'Dialogues on sustainable finance and green recovery in Brazil', a Spin-Off Event of the 'VII ABDE Development Forum'.



© ABDE

During the event challenges, opportunities, and potential of Brazilian cities for investing in climate transition and ensuring a green recovery from the COVID-19 pandemic were debated. The seminar also marked the official launch of the study 'Green Recovery through the Cities' commissioned by 'FELICITY' in partnership with the Brazilian Ministry of Mines and Energy and conducted by SITAWI, an organization that develops financial solutions with socio-environmental impact. The report provides a tool to support cities and financiers in overcoming those challenges. It presents a methodology for the identification of sustainable investments and the alignment of national and international references and indicators.

#### More information

- » [Video: Dialogues on sustainable finance and green recovery in Brazil \(EN\)](#)
- » [Article: Melo participates at COP26 and highlights project that promotes energy efficiency in schools \(PT\)](#)
- » [Project page: FELICITY \(EN\)](#)

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## The Green Bond Transparency Platform, a key reporting tool for Brazilian and Latin American issuers

from [Alexander Vasa](#) and [Carlos Salgado](#), LAC Green Finance Facility project



© Rafael Rodrigues/GBTP

In 2021, the Inter-American Development Bank (IDB) launched the Green Bond Transparency Platform (GBTP), to help bring more transparency to the green bond market in Latin America and the Caribbean (LAC) and to attract long-term domestic and international investments to the region. Just a year after, it is covering 80% of the LAC's green bond market, including sustainability bonds. GBTP is a free and public market tool using first-hand data from the issuers and external reviewers increasing investors' confidence to promote quality green investments by facilitating green bonds issuance in the region. In March 2022 the GBTP won the 'Initiative of the year – Green Bond 2022' award by Environmental Finance for promoting comparability in impact reporting from multiple issuers and for its focus on emerging market countries. Since its launch, the GBTP has been utilized about 50,000 times, has added 79 regional issuers and accounts for 164 green and sustainability LAC bonds, 67 being from Brazil. The initiative is supported by the regional IKI project 'LAC Green Finance Facility'.

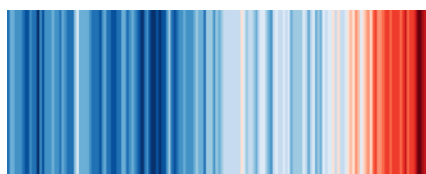
#### More information

» [Green Bond Transparency Platform: GBTP \(EN\)](#)

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## Assessing financial sector's exposure to climate change

from [Raquel Souza](#), PoMuC project



© Ed Hawkins (University of Reading)

IKI's 'Climate Policy Programme Brazil' (PoMuC) started a partnership with IKI's global project, "Measuring Paris Agreement alignment and financial risk in financial markets," implemented by the 2 Degrees Investing Initiative (2DII), to extend their activities in Brazil. The partnership aims to assess the exposure of selected financial institutions'

portfolios to the risks of climate change. The Brazilian Securities and Exchange Commission CVM, the Green and Sustainable Finance project 'FiBraS', and the Brazilian Ministry of Economy are other partners of this initiative.

The objective is to test the 'Paris Agreement Capital Transition Assessment' (PACTA), a free, open-source methodology and tool, developed by 2DII, with CVM and other financial institutions in Brazil and to measure the alignment of their equity and corporate bonds portfolios with climate change scenarios across a number of key climate-relevant sectors, and therefore assess potential exposures to climate transition risks in the next five years.

#### More information

» [PACTA: Paris Agreement Capital Transition Assessment – Transition Monitor \(EN\)](#)

» [2° Investing Initiative \(EN\)](#)

» [Project page: PoMuC \(EN\)](#)



## BIODIVERSITY

### The Protected Area Managers Network for the Atlantic Forest Central Corridor launches video to tell its story

from [Mariana Bitencourt Santos](#), TerraMar project



© Managers Network of the Atlantic Forest Central Corridor Conservation Units

Did you know that there is a corridor of protected areas rich in biodiversity, unique species, forests and marine ecosystems in the Atlantic Forest? Located in the states of Bahia and Espírito Santo, the Atlantic Forest Central Corridor brings together more than 300 conservation units (UCs). Its goal is to protect the biological and cultural heritage of the country. Part of it is a rich Conservation Mosaic in the Extreme South of Bahia.

For almost 20 years, the Protected Area Managers Network for the Atlantic Forest Central Corridor has been working to strengthen the integration and management of UCs and it relies on the support of the bilateral IKI project 'Protection and integrated management of marine and coastal biodiversity' (TerraMar). A video was released in order to tell this story.

#### More information

- » [Video: The story of the Managers Network of the Atlantic Forest Central Corridor Conservation Units \(PT with EN subtitles\)](#)
- » [Conservation Mosaic in the Extreme South of Bahia \(PT\)](#)
- » [Project page: TerraMar \(EN\)](#)

### Regional seminar on other conservation measures in Latin America and the Caribbean

from [Tiago Zenero](#), APL project

Over 200 people from the LAC region gathered to exchange experiences during the regional seminar on 'Other Effective Area-Based Conservation Measures' (OECMs) on the 26th and 29th of April. The meeting aimed at fostering conversations between different players from Latin American countries, focusing on development and the main challenges in identifying and reporting of OECMs in the region.

Participants were able to share experiences on the progress made in applying the criteria for the identification of OECMs in their respective countries and discuss the main challenges. One of them is that the definition of Protected Areas (PAs) and OECMs are not the same for all countries. For instance, indigenous lands are considered PAs in Brazil, but in Colombia they would be labelled as OECMs. Understandings about the implementation of the Convention on Biological Diversity Decision 14/8 (2018) were also shared and key-aspects were identified on how OECMs may contribute to achieving the goals of the post-2020 biodiversity framework.

The event was set up by the International Union for Conservation for Nature (IUCN) and Resnatur Colombia, in cooperation with the regional IKI project 'Protected Areas at the Level of Local Governments'.

#### More information

- » [Project page: Protected Areas at the Level of Local Governments \(EN\)](#)

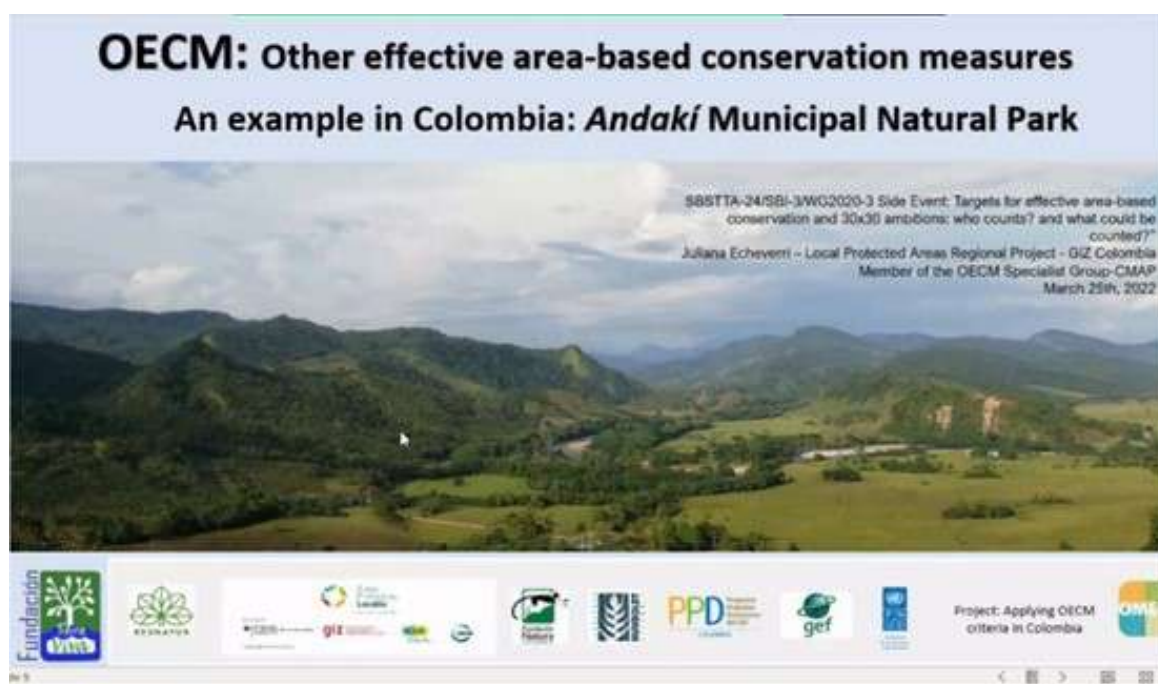


# The role of other conservation measures is reinforced in a preparatory event for COP-15 on Biodiversity

from [Tiago Zenero](#), APL project

The regional IKI project 'Protected Areas at the Level of Local Governments' reinforced the role of local governments and OECMs at the side event 'Targets for effective area-based conservation under 30x30 ambitions: What Counts? Who Counts?'. It was held on the 25th of March within the scope of the 'Subsidiary Body for Scientific, Technical and Technological Advice' conversations. The project had the opportunity to share thoughts on the application of OECM criteria at the Municipal Natural Andaki Park, a conservation area in the municipality of Belén de los Andaquíes, in the Colombian Amazon. This was one of the first areas to be reported in November 2021 in the World Conservation Monitoring Centre database.

The side event brought together global, national and local voices to build capacity and raise awareness, with the aim of promoting new partnerships. It was set up and convened by IUCN, the World Commission on Protected Areas, CEESP and GIZ. The results of the IKI projects and the Gordon and Betty Moore Foundation's Andes-Amazon Initiative were shared by the convention's subsidiary bodies on Biological Diversity.



© GIZ/APL

## More information

» [Video: Adaptation of the OECM criteria to the Colombian context \(PT\)](#)

# Brazilian Ministry of Environment launches visual identity for the National System of Nature Conservation Units

from [Tiago Zenero](#), SNUC Lifeweb project

As part of the strategy to strengthen the National System of Nature Protected Areas (SNUC), the Ministry of Environment, with support from the regional IKI project 'Consolidating the SNUC/LifeWeb', launched the system's visual identity. The brand refers to the values of Brazilian biodiversity



conservation, sustainable economic development incentives, uniqueness, cohesion, strength and greatness of the SNUC. Since there are over 2,600 conservation units in Brazil in national, state or local, public or private levels, a main brand and 12 sub-brands were developed to represent the different management categories that make up the SNUC. Anyone who is registered in the National Register of Conservation Units (CNUC) can contact [dap@mma.gov.br](mailto:dap@mma.gov.br) to get access to the logos.



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### More information

» [Project page: SNUC Lifeweb \(EN\)](#)

## Videos show the positive impact of Conservation Units on the economy and well-being of Brazilians

from [Tiago Zenero](#), [SNUC Lifeweb](#) project

As part of a SNUC awareness and promotion campaign, the regional IKI project 'SNUC/LifeWeb' has released two videos on the economic contribution of CUs, in addition to the physical and mental health benefits of being in contact with nature.

The parks and concessions potentials to drive the economy and generate income for communities around protected areas were highlighted in the first video. Ecotourism, for instance, generates around 2 billion reais per year, and production chains have already generated over 80,000 direct jobs in Brazil, according to ICMBio data.

The second one highlights the importance of being connected with nature to promote physical and mental well-being, to reduce stress and improve the immune system. In addition, visiting the parks allows people to engage in physical activities, practice sports, hike, bird watch, among countless other activities that improve one's quality of life. These benefits are also extended to people with reduced mobility due to increased accessibility.

### More information

» [Youtube channel of the the SNUC/LifeWeb project \(PT\)](#)



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### Watch the videos

[Video: SNUC's value for Brazil's economy \(PT\)](#)

[Video: SNUC - Source of well-being and health \(PT\)](#)

## Representatives of Conservation Units in southern Bahia are trained in participatory monitoring of artisanal fisheries

from [Mariana Bitencourt Santos](#), [TerraMar](#) project



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Participatory monitoring is an essential activity that aids the management of coastal and marine biodiversity, as it provides scientific information linked to the traditional knowledge of artisanal fishing communities.

Therefore, the bilateral IKI 'TerraMar' project and ICMBio carried out the course 'Participatory and ecosystem monitoring of artisanal fisheries in Conservation Units' within the *Monitora* Programme in April 2022. Capacity building was offered for small fishermen and women, environmental managers and monitors, who represent the coastal and marine Extractive Reserves of Canavieiras, Corumbau, Cassurubá and Iguape Bay territories in the south of Bahia.

#### More information

» [Booklet: Participatory Monitoring of Artisanal Fisheries in Conservation Units - Capacity Building \(PT\)](#)



## SUSTAINABLE URBAN DEVELOPMENT

### Action Plan to Combat Marine Litter is launched by the state of Pernambuco

from [Mariana Bitencourt Santos](#), TerraMar project



© TerraMar/GIZ

The Action Plan to Combat Marine Litter was launched in March aiming at establishing guidelines and goals for preventing and combating marine litter in Pernambuco. It focuses specifically on solid waste management in coastal municipalities in the state.

Throughout 2021, several players, including civilians, fishermen's and women's colonies, universities, and public

and private initiatives took part in the elaboration processes of the Plan. This initiative was developed by the Pernambuco Secretariat for the Environment and Sustainability, in partnership with the State Environmental Agency and the bilateral IKI 'TerraMar' project.



## More information

- » [Video: Get to know the Pernambuco's Action Plan to Combat Marine Litter \(PT\)](#)
- » [Document: Action Plan to Combat Marine Litter in Pernambuco \(Pacolmar\).\(PT\)](#)

## Digital and interactive version of the Brazilian Charter for Smart Cities is launched

from [Ana Luísa Oliveira da Silva](#), [ANDUS](#) project



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As digital transformation is one of the most important dynamics for sustainable urban development, the bilateral IKI project 'Support for the Brazilian National Agenda for Sustainable Urban Development' (ANDUS) supported the Brazilian federal government in the formulation of the Brazilian Charter for Smart Cities.

In order to come up with digital solutions to the Charter, 'ANDUS' developed an interactive version of the document. It is possible to filter the eight strategic goals and target groups, such as the national, state and local governments, research institutions, private sector, NGOs or financial institutions. An interactive glossary was also developed.

## More information

- » [Brazilian Charter for Smart Cities \(PT\)](#)
- » [Project page: ANDUS \(EN\)](#)

## Land regularisation and nature-based solutions will be topics of collaboration with municipalities

from [Matheus Maia](#), [ANDUS](#) project



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An event held on the 31st of March marked the beginning of the 'ANDUS' project's new mentoring process phase for municipalities, entitled 'Impacts on municipalities'.

The workshop aimed at presenting the work plan to the teams and, in addition, each municipality shared experiences and expectations regarding the chosen themes: Land Regularisation and

Nature-Based Solutions. Over 30 people from the selected municipalities attended the event: Amajari/RR, Fortaleza/CE, Naviraí/MS and Sobral/CE.

The municipalities selection was based on their performance and capacity to build local partnerships to implement the strategies previously developed. Half of the municipalities are led by female mayors and three of the four teams are led by women.

#### More information

» [Impacts on Municipalities Initiative \(PT\)](#)

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## Strategic partnership to prepare for the Rio +30 Cities Conference

from [Thomaz Ramalho](#), ANDUS project



© Rio +30 Cities

The coordination of Urban Transformation, a set of projects by GIZ Brazil which operate in the urban context – among them the IKI 'ANDUS' project – has built a strategic partnership with the City Hall of Rio de Janeiro to hold the Rio +30 Cities Conference. It will take place on the 17th, 18th and 19th of October in Rio de Janeiro. The conference will result in the Rio Declaration on Sustainable and Inclusive Urban Development. The cities will articulate a stance to be taken at the C40 Mayors Summit and presented at the Conference of the Parties (CoP 27) in Egypt.

Therefore, GIZ Brazil has been working on mobilising German partnerships, such as the German Chambers of Commerce Abroad (AHK), in addition to writing an invitation letter from Mayor Eduardo Paes to German mayors. GIZ projects were also called out to propose panels during the event, with over 75 activity proposals including partnerships from Brazil, Germany, Ecuador, Mexico Guatemala, Honduras, India and Bangladesh.

#### More information

» [Conference page: RIO+30 | Sustainable and Inclusive Urban Development \(EN\)](#)

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## Coalitions of players in Teresina and Recife advance in defining their Urban Laboratories catalytic project

from [Ariadne Samios](#), [Luiza Oliveira](#) and [Joana Oliveira](#), Transformative Urban Coalitions project

The two coalitions formed by representatives of the local

government, universities, civil society and the private sector, have been holding monthly meetings since December 2021 in the cities of Teresina and Recife. The activities are part of the regional IKI project 'Transformative Urban Coalitions', which aims to promote inclusive and low-carbon urban transformations through new governance models. In Brazil, the project is led by WRI Brazil in partnership with local governments.

In March of this year, participants were inspired by different examples of urban laboratories and transformative projects in Brazil and Latin America. The United Nations University also took part. In April, the coalitions reached a technical and community diagnosis of the intervention areas. The aim was to understand the needs of local populations. The next step will be to define the catalyst project to be collaboratively developed and implemented by 2023, in addition to specific strategic interventions for the coming months.



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### More information

» [Project Page: Transformative Urban Coalitions \(EN\)](#)



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## Praia Limpa app provides information about water quality at Brazilian beaches

from [Mariana Bitencourt Santos](#), TerraMar project



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Developed in cooperation with coastal states and municipalities in Brazil, the *Praia Limpa* (EN: Clean Beach) app gathers information on over a thousand locations along the coast. Now, tourists and locals can check whether the water on the beaches is suitable for bathing and recreation, in addition to accessing information related to sanitary conditions, infrastructure, diving, weather forecast and tide table.



This is an initiative developed by the Brazilian Ministry of Environment, in partnership with the bilateral IKI 'TerraMar' project. To access the app, simply download the MMA SuperApp, available for IOS and Android.

### More information

- » [Access to the Praia Limpa application \(PT\)](#)
- » [Publicity video: Ministry of Environment launches Praia Limpa app \(PT\)](#)



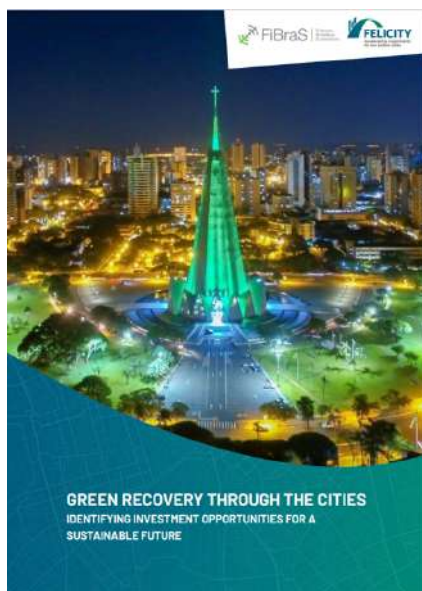
## PUBLICATIONS



### Governance and public policies to encourage the production of Sustainable Aviation Fuels (PT)

GIZ/ProQR and MCTI, 01/2022

The document analyses in detail the actions of Brazil and several countries (United States, China, Japan, Germany, Norway, Mexico and the European Union) regarding the viability of Sustainable Aviation Fuels. Thus, it is possible to visualise, for both developed and developing countries, the different strategies used within domestic contexts, the cooperation proposals, as well as the interactions with international agreements such as Carbon Offsetting and Reduction Scheme for International Aviation CORSIA.



### Green Recovery through the Cities - Identifying Investment Opportunities for a Sustainable Future (EN)

SITAWI Finances for the Good , 02/2022

The purpose of this study is to identify investment opportunities aimed at the sustainable development of urban infrastructure initiatives, capable of enabling a green, resilient, inclusive and just transition which favours the creation of local jobs, especially for the more vulnerable populations.



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