



On behalf of:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety



of the Federal Republic of Germany

Issue No. 2 | September 2021

IKI News Brazil Newsletter



News from IKI projects in Brazil

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

Welcome!

After the successful launch of our newsletter IKI News Brazil in July, it is with great pleasure that we announce its second edition!

This edition reaches you in a fast-paced environment, with global preparations for the UN Biodiversity and UN Climate Change (COP26) Conferences as a background. In addition, the global UN campaign 'Race to Zero' has reached Brazil and successfully mobilized Brazilian states, cities and companies.

By means of the 'Under2 Coalition', an alliance of local governments committed to the goals of the Paris Agreement, four Brazilian states (Minas Gerais, Pará, Pernambuco and São Paulo) are committing to achieving net-zero emissions by 2050. Six other states have formalized their applications to the coalition. Also 12 cities, including the largest capitals in the country, as well as more than 100 Brazilian companies, joined the alliance. All these stakeholders have ambitions to plan and implement concrete measures, and to keep themselves accountable to achieve net-zero emissions by 2050.

With the motivation provided by such progress, I wish you an excellent reading and take this opportunity to warmly thank all the people who dedicated themselves to contribute to an exchange of knowledge provided by this issue.

Anja Wucke

Director, Climate Policy Programme (PoMuC) / GIZ

PROJECT NEWS

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

UPCOMING EVENTS

PUBLICATIONS

The IKI INTERFACE

IKI News Brazil presents results, good practices and latest developments of **40 projects** which provide solutions for mitigation and adaptation to climate change, biodiversity conservation and sustainable urban development in Brazil. All of them receive support from the **International Climate Initiative (IKI)** under the German Federal Ministry of Environment, Nature Conservation and Nuclear Safety (BMU).

IKI News Brazil is published by the 'Climate Policy Programme Brazil' (PoMuC) implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, in its **interface role for IKI projects in Brazil**.

PROJECT NEWS

MITIGATION

Support for news coverage on climate change

from **Ariadne Souza, SPIPA** project



© Ideia Clara - Graphic Facilitation

IKI's 'Strategic Partnership for the Implementation of the Paris Agreement (SPIPA)' project organized a workshop on 'Climate change and green recovery: the perspectives of experts and journalists' on June 22, 24 and 29. With the objective of supporting Brazilian news coverage on climate, the training was aimed at journalists interested in the topic. The sessions addressed a global perspective of climate policy negotiations, the implementation of international commitments and challenges of post-pandemic green economic recovery.

In addition, the workshop connected journalists and communicators with Government representatives from the European Union, frontline technicians in climate change adaptation and

mitigation programs, as well as with other journalists who deal with the coverage of the topic. 119 people attended the event.

More information

» [Climate change and green recovery: the perspectives of experts and journalists](#)

SEEG-Municipalities introduces solutions to fight greenhouse gas emissions in cities

from [Ariadne Souza](#), SPIPA project

On August 20, the Climate Observatory launched the Greenhouse Gas Emission Estimation System (SEEG) - Solutions. This is the first catalogue of applicable actions to mitigate greenhouse gas (GHG) emissions in Brazilian municipalities. SEEG Solutions is an unprecedented initiative supported by the IKI's 'Strategic Partnership for the implementation of the Paris Agreement (SPIPA)' project. The catalogue is the result of a series of dialogues with municipalities, academia and the private sector, listing actions by sector, impact, location and application structure. The document links the assessment of municipal GHGs to the mapping and compilation of mitigation actions. By that it aims to equip and engage key actors to promote sustainable development with emission reductions. The catalogue lists 87 solutions divided between land usage, energy and transportation, and waste.

More information

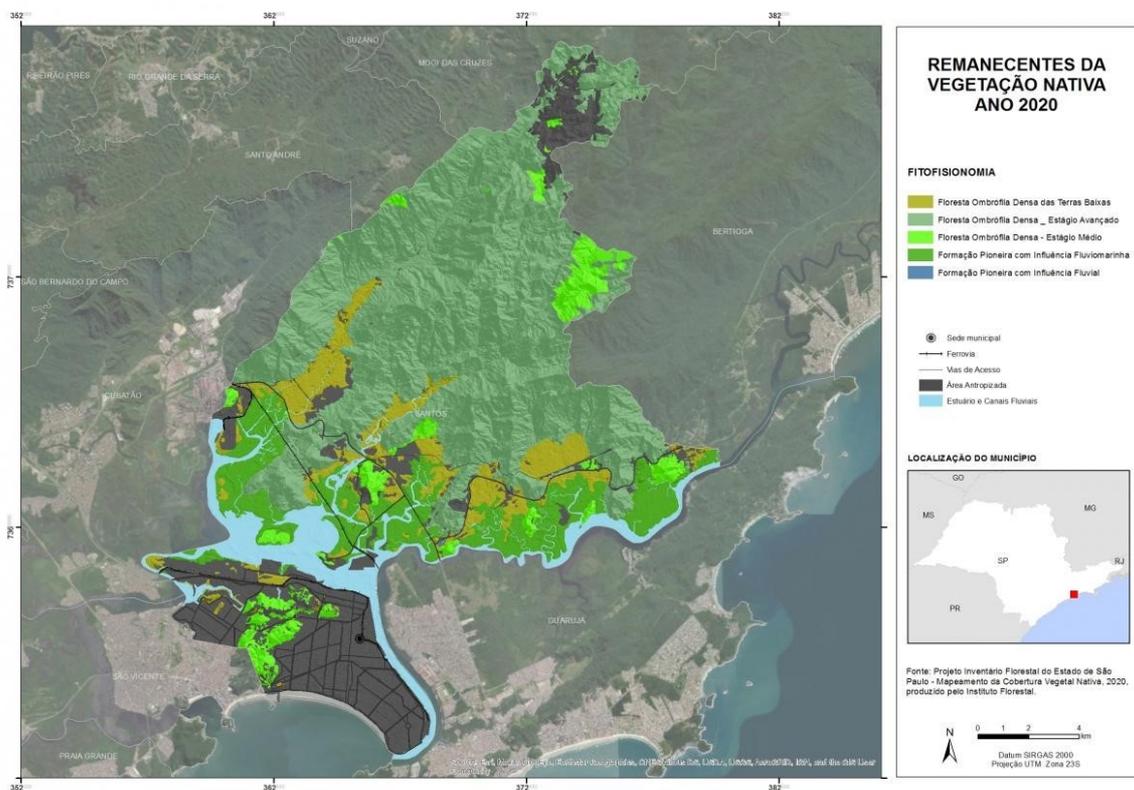
» [SEEG Solutions Platform](#)



ADAPTATION

Council approves Municipal Plan for Conservation and Recovery of the Santos Atlantic Rainforest (São Paulo State)

from [Armin Deitenbach](#), ProAdapta project



© ProAdapta - GIZ

In August, Santos' Municipal Council for Environment approved the Municipal Plan for Conservation and Recovery of the Atlantic Forest (PMMA). The document was drafted by the Climate Change Department of the city's Environmental Secretariat. IKI's bilateral 'ProAdapta' project supported the initiative through consultancy services specialized in the elaboration and integration of ecosystem-based adaptation (EbA) initiatives. The plan is part of the new generation of PMMAs and brings climate risk analysis, impact chains and a robust set of EbA measures together to support the population of Santos in their adaptation efforts. PMMAs are provided for in the Atlantic Rainforest Law of 2006 and guided by the PMMA Methodological Roadmap, issued by Brazilian's Ministry of Environment in 2017.

Climate risks and adaptation measures in the Brazilian road transport sector

from [Eduarda Freitas](#), [ProAdapta](#) and [CSI](#) projects

The cooperation between Brazilian's Ministry of Infrastructure (Minfra) and the two IKI projects 'Enhancing Climate Services for Infrastructure Investments' (CSI) and 'ProAdapta' is making progress towards more resilient infrastructures in the road, railroad and port transportation sectors. Throughout 2021, Minfra's technical staff and other stakeholders attended workshops about the relevance of climate risk analysis and adaptation measures for the planning and operation of the Brazilian transport sector and for the identification of main impacts faced by those sectors. The next step is to conduct a study entitled 'AdaptaVias' with a view to identifying climate risks and adaptation measures in the Brazilian road and railroad networks.

Cooperation for water safety and climate resilience in times of crisis

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



© Boticário Group Foundation Collection

To secure water safety and climate resilience in the Miringuava River basin, Parana's Sanitation Company (Sanepar), the Grupo Boticario Foundation and IKI's bilateral 'Supporting Brazil in the implementation of its National Agenda for Climate Change Adaptation' (ProAdapta) project support the 'Movimento Viva Água' (MVA) initiative. By involving farmers, but also seeking the engagement of companies the initiative aims to generate socioeconomic and environmental benefits. The basis for the cooperation are studies on the importance of nature-based solutions for water safety and climate resilience in the region, as well as a cost-benefit assessment of climate change adaptation actions provided by the MVA and its consultants.

More Information:

» [Movimento Viva Água](#)



BIODIVERSITY

The resumption of cooperation underscores the importance of local governments in protecting biodiversity

from [Tiago Zenero](#), [Protected areas and other conservation measures](#) project



The regional IKI project 'Protected areas and other conservation measures' has joined forces with the National Association of Municipalities and the Environment (ANAMMA) to share the results of the project with Brazilian municipalities in a more effective manner. Measures include webinars, the distribution of bulletins, and the publication of specialized content on the ANAMMA website.

In addition, joint actions are expected to be developed towards important themes for the project, such as Natural Heritage Private Reserves, funding mechanisms for Municipal Conservation Units, and raising awareness with the municipal legislature and managers of municipalities below 20,000 inhabitants.

More information

» [National Association of Municipalities and Environment](#)

Acceleration Program for Municipal Conservation Units reaches its final stretch

from [María Olatz Cases](#), [Protected areas and other conservation measures](#) project



© Disclosure / Desviantes

Six Brazilian municipalities shall conclude the first stage of the Acceleration Program for Conservation Units in September. The program consists of planning and implementing improvements in the management of Conservation Units from the perspective of a learning journey on funding and management instruments. Since April, ICLEI – Local Governments for Sustainability – has implemented the program with the support of the IKI's regional project 'Protected areas and other conservation measures', promoting an innovative look at the management of protected areas at the municipal level. The program shall be concluded by December 2021. Municipal Conservation Units are key to promote biodiversity conservation and to strengthen the National System of Nature Conservation Units.

More information

» [Registration is open for the Municipal Conservation Units Acceleration Program](#)

'Carnaúba Week' discusses sustainability of Carnaúba palm value chain

from [Bruno Filizola](#), [PBAB](#) project

Between August 23 and 27 the 'Carnaúba Week' brought together extraction workers, rural producers, industrialists, public authorities, researchers, international institutions and the third sector to discuss new sustainable perspectives for the value chain of this important extractive product of the Northeast region. Rich and purposeful debates were promoted with a view to building a more responsible, socially



fair production chain committed to good practices for biodiversity. The online event was realized through joint efforts of the Brazilian Ministry of Agriculture, Livestock and Food Supply, the Caatinga Association, the Union for Ethical Biotrade and the global 'Private Sector Action for Biodiversity (PBAB)' IKI project.

© Caatinga Association

World Mangrove Day is marked by cleaning efforts in the Costa dos Corais region

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



© Pedro Caldas, Semas/PE

More than 450 kg of waste was collected by volunteers from the Costa dos Corais area during cleaning efforts carried out on July 24, in celebration of World Mangrove Protection Day. The action is part of the National Agenda to Combat Waste in the Sea and was attended by Andre Falcão, Secretary of Environmental Quality of the Brazilian Ministry of the Environment (MMA). The activity was the joint result of a cooperation developed between IKI's bilateral project "Coastal Zone Management and Marine Biodiversity (TerraMar)", MMA, the Pernambuco Environment Secretariat, the State Environment Agency, the National Center for Research and Conservation of Marine Biodiversity of the Northeast and the Portal Sul Consortium.

More Information:

» [TerraMar project's Instagram](#)



Strengthening carbon markets is topic of a webinar series

from [Carlos Jorge Salgado](#), LAC Green Finance Facility project

The poster for the 'TRILHA LAB SOBRE MERCADOS DE CARBONO' webinar series features the LAB logo (Laboratório de Inovação Financeira) and logos of partner organizations: ABDE, BID, CVM, and GIZ. The main title is 'TRILHA LAB SOBRE MERCADOS DE CARBONO'. Below it, a subtitle reads: 'Série de webinars mensais para compartilhamento de conhecimentos e desenvolvimento de capacidades nos mercados de carbono, em parceria com Iniciativa regional do BID e GIZ.' The date and time are '13/05/2021 | 14h - 16h BRT'. The topic is 'Mercados de carbono regulados pela UNFCCC: MDL e os novos mercados globais do Acordo de Paris'. The host is 'Abertura: Maria Netto | BID' and the moderator is 'Moderadora: Caroline Prolo | Stocche Forbes'. The panelists are 'Laura Albuquerque | Way Carbon', 'Amy Steen | UNFCCC', 'Stefano De Clara | IETA', and 'Ronaldo Seroa | UERJ'. The closing is 'Encerramento: GIZ'. A central graphic shows a hand pointing at a laptop screen displaying a pie chart with segments of 15%, 15%, and 70%. Below the graphic, a timeline lists the six webinars: March (Carbon markets: perspectives and opportunities for Brazil and the region), April (Experiences of jurisdictional carbon markets), June (Decarbonization: Renewable, renewable energy certificates and other approaches), July (Volunteer markets in the post-Kyoto era), and August (Forest offsets and nature-based solutions).

© Rafael Rodrigues

The Brazilian Finance Innovation Lab (LAB) conducted a series of six webinars called 'LAB Trail on Carbon Markets' between March and August. The LAB is an initiative of the regional 'LAC Green Finance Facility' IKI project implemented by the Inter-American Development Bank and GIZ in Latin America.

All in all, 1,355 participants discussed ways to strengthen carbon markets to support greater ambition in emission reduction targets set out in the Paris Agreement. Aspects such as regulation, judicial experiences, forest-based offsets and nature-based solutions were discussed. All webinars are available on YouTube. A publication shall be released soon.

More Information:

- » [Webinar 1: Carbon markets: perspectives and opportunities for Brazil and the region](#)
- » [Webinar 2: Experiences of jurisdictional carbon markets](#)
- » [Webinar 3: Carbon markets regulated by UNFCCC: CDM and the new global markets of the Paris Agreement](#)
- » [Webinar 4: Decarbonization: Renewable, renewable energy certificates and other approaches](#)
- » [Webinar 5: Volunteer markets in the post-Kyoto era](#)
- » [Webinar 6: Forest offsets and nature-based solutions](#)

Financing low carbon infrastructure in urban areas in Brazil

from [Lukas Prinz et al.](#), FELICITY project



Lançamento do Estudo 'Financiamento de Infraestrutura de Baixo Carbono nas Áreas Urbanas no Brasil'

© GIZ / FELICITY

The IKI project 'Financing Energy for Low-carbon Investment – Cities Advisory Facility (FELICITY)' kicked off a debate on urban climate finance barriers and solutions with a launch event of the study 'Financing Low Carbon Infrastructure in Urban Areas in Brazil'. Contributions included Friederike Sabiel, Counsellor for Environmental Affairs at the German Embassy in Brazil and Carlos Alexandre Pires, Director of the Brazilian Ministry of Mines and Energy. Their enthusiasm underscored that this study should be the starting point for

future dialogues on the topic, which will continue with debates about criteria for achieving effective projects for a green and sustainable economic recovery soon.

More information:



SUSTAINABLE URBAN DEVELOPMENT

Belo Horizonte pioneering green transport

by [Deutsche Welle Global Ideas](#), [Urban Pathways](#) project



© Deutsche Welle/ Bianca Kopsch

Cars are considered indispensable in many parts of Brazil, and the country is near the top of the global ranking in traffic fatalities. However, Belo Horizonte is carving a different path. The city of 2.7 million inhabitants has been investing in public transport for years.

In the wake of the pandemic, Belo Horizonte is expanding its bicycle network to enable residents to cross the entire city from east to west quickly and safely by bike. The Santa Tereza neighborhood will also have access to the bike route, and a cycling zone is being created around a central square in the city. The so-called Eco-Zone is part of the IKI project 'Urban Pathways: Supporting low-emission plans for basic urban services in the context of the New Urban Agenda' and aims to increase road safety, reduce air pollution and improve the quality of life for urban residents. Many locals are getting involved and embracing the idea of swapping roads for more community spaces. Deutsche Welle recently launched a video about the project.

More information

» [Video: The Brazilian city pioneering green transport](#)

How Brazilian cities are implementing nature-based solutions

from [Paula Cayone Leite](#), [INTERACT-Bio](#) project



© Maniva Produtora

Few cities in Brazil use nature-based solutions to solve urban problems – even if the concept is considered one of the smartest forms of infrastructure since it demands less maintenance. Based on a more sustainable urban planning, the Metropolitan Regions of Belo Horizonte, Campinas and Londrina have initiated actions under this project with the intention to handle urban challenges by means of infrastructure sites. Such sites are referred to as

demonstrative projects which seek to implement a smarter infrastructure model and the possibility of transforming urban environments into better, more attractive places, which provide greater well-being for people and the environment. IKI's 'INTERACT-Bio' project supports the initiative.

More information:

» [How Brazilian cities are implementing nature-based solutions](#)



- **Starting on September 2: LAB Track On Innovative Structures for Access to Capital by Micro, Small and Medium Enterprises (MSMEs)**
Organized by the Brazilian Finance Innovation Lab (LAB)
- **October: Presentation of results in the first stage of the survey on the impact of climate change on Brazilian ports**
Organized by National Waterway Transportation Agency - ANTAQ and GIZ



PUBLICATIONS

SNAPFI CASE STUDY

Brazil

Drivers of and barriers to capital market investments in low-carbon infrastructure in Brazil

JULY 2021



© Daniele Simonelli

Drivers of and barriers to capital market investments in low-carbon infrastructure in Brazil

Annelise Vendramini et al. 07/2021

This report sets out to identify the barriers and drivers that explain current patterns of capital market investment in infrastructure in Brazil, with a special focus on low-carbon infrastructure. It also explores possible actions that could assist in maximizing existing drivers or create new ones, as well as remove or mitigate current barriers, thus contributing to narrowing the infrastructure gap in the country.

This study is an initiative from the global 'Strengthen Climate Policy' IKI project.



© LAB

Collective Debt Investment Agreement Model (non-convertible) for Issuance in Investment Crowdfunding Platform

Brazilian Finance Innovation Lab (LAB), 07/2021

This work is the result of discussions held by the LAB Working Group on Finance Instruments and Impact Investment. The publication is designed to structure a standard model of non-convertible collective debt investment agreement, which may be publicly offered by small business

companies through registered participatory electronic investment platforms, known as crowdfunding investment platforms. The LAB is an initiative of the regional 'LAC Green Finance Facility' IKI project.



© Eduarda Freitas

Survey on Climate Risks at the Itajaí Port - Santa Catarina

Cleiton Luiz Foster Jardeweski et al. 12/2020

The 'Climate Risk Survey for the Port of Itajaí/SC' was published in 2020. It presented an in-depth assessment of present and future climate risks and introduced adaptation measures. The study reflects a cooperation initiative

involving IKI's 'Supporting Brazil in the implementation of its National Agenda for Climate Change Adaptation (ProAdapta)' and 'Enhancing Climate Services for Infrastructure Investments (CSI)' projects, the Civil Defense of the State of Santa Catarina and the Itajaí Port Authority. The report and

executive summary were both published and released in July 2021 at the Coopera Portos event, organized by ANTAQ for the Brazilian port sector.



© Cajuina Studio

Environmental and Territorial Zoning of Nautical Activities in the Formoso River Estuary - Experiences in a participatory process

Danielle Ribeiro et al., 2021

The drafting of the 'Environmental and Territorial Zoning of Nautical Activities in the Formoso River Estuary' document is the result of broad social participation. Both public and private sectors, together with organized civil society, worked for socioeconomic development, sustainable tourism and biodiversity conservation in the Formoso River estuary. This publication was supported by the 'TerraMar' IKI project.



© GIZ / FELICITY

Financing the low-carbon framework in urban areas in Brazil. Context, barriers and opportunities for the flow of green and climate finance in Brazilian cities.

Lukas Prinz et al. 09/2021

Report drafted by WRI Brazil, Brazilian Ministry of Mines and Energy and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH under the IKI's 'Financing Energy for Low-carbon Investment – Cities Advisory Facility' (FELICITY) Project, identifying seven barriers to green and climate-based financing of urban infrastructure in Brazil and indicating nine recommendations to overcome them.



IKI News Brazil Newsletter Subscription

IKI NEWS BRAZIL is available in English and Portuguese!
Subscribe [here](#) (under "PROJECT AND PROGRAMME NEWSLETTERS")

[Contact](#)

[Disclaimer](#)

[Recommend this newsletter](#)

www.giz.de



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

Chairperson of the Supervisory Board

Jochen Flasbarth, State Secretary in the Federal Ministry for Economic Cooperation and Development

Management Board

Tanja Gönner (Chair of the Management Board)

Ingrid-Gabriela Hoven

Thorsten Schäfer-Gümbel

In charge of this newsletter:

Anja Wucke, anja.wucke@giz.de

Editor(s):

Wendy König, wendy.koenig@giz.de

With contributions from:

Vinicius Faria, vinicius.faria@giz.de

Photo Credits:

Title image: ©Unsplash/Rafael Leão

All other images:

See notes on sources and copyrights below the pictures.

Details on the processing of your personal data by GIZ can be found in GIZ's privacy policy.

The IKI News Brazil newsletter is administered by the IKI interface project "Climate Policy Programme" (PoMuC) in Brazil and informs regularly about news of climate change and biodiversity projects in Brazil financed by the International Climate Initiative (IKI). The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) supports this initiative on the basis of a decision adopted by the German Bundestag.

If you no longer wish to receive this newsletter, please click [here](#).