

URBAN TRANSFORMATION

IN BRAZIL



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Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Newsletter No. 1, December 2020

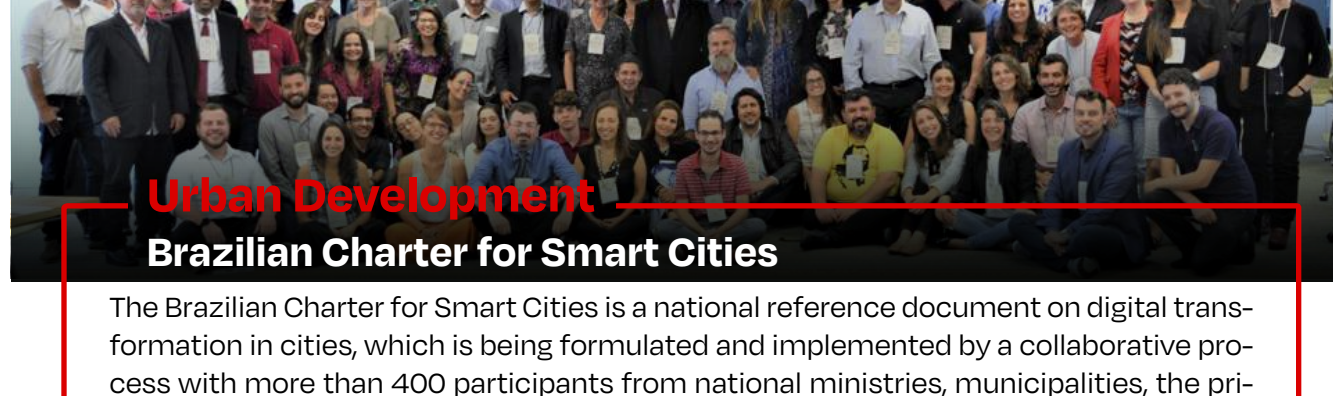
The world is changing and cities are at the heart of this process. Any social, economic, cultural or environmental change takes place in cities. Besides being the economic engines, cities are the largest consumers of natural resources and are major polluters and emitters of greenhouse gases. That is why cities are central change agents for sustainable development.

Brazil and Germany have high rates of urbanization, 85 percent and 74 percent respectively, compared to other countries such as China with 50 percent and India with 30 percent. More than 170 million Brazilians live in urban areas and this publication presents the urban transformation as one of the main topics of the German-Brazilian Cooperation for Sustainable Development.

With this 1st edition we wish you a Merry Christmas and a Happy New Year!

Enjoy the reading and take care of you, your friends & family.

INITIATIVES



Urban Development Brazilian Charter for Smart Cities

The Brazilian Charter for Smart Cities is a national reference document on digital transformation in cities, which is being formulated and implemented by a collaborative process with more than 400 participants from national ministries, municipalities, the private sector, civil society and academia. The preparation of the document is coordinated by the Ministry of Regional Development (MDR) with the support from ANDUS project. The objective of the initiative is to offer guidance to all Brazilian municipalities interested in using the digital transformation for sustainable urban development and the reduction of socio-spatial inequalities.



Sustainable Financing Photovoltaic Plant Construction in Old Landfill

The global project C40CFF supported the municipality of Curitiba, state of Paraná (in the photo, mayor of Curitiba, Rafael Greca) by analyzing the viability of the Curitiba Plus Energy program. The program involves the construction of a photovoltaic plant at the city's old landfill. This initiative was made by a series of technical assistance for structuring the proposal that resulted in a new law to establish a partnership between the city council and Curitiba's Electric Power Utility for the implementation and operation of the plant.



Social Housing Review of the National Housing Plan

The revision of the National Housing Plan (PlanHab) is one of the main activities of the upcoming strategic planning for the housing sector of Brazil. The EEDUS project supports the methodology and the coordination of the formulation of strategies and instruments for the provision and improvement of social housing, aiming at the reduction of climate impacts through renewable energy and energy efficiency in buildings and neighborhoods.

NAMA Facility



8th NAMA Call for Proposals Secretary of State for Housing officializes support

High-ranking civil servants from the Ministry of Regional Development and the CAIXA Development Bank signed letters of intent to participate in the 8th NAMA call. The project proposal supports a revolving credit guarantee fund for the housing sector. The fund will cover perceived risks resulting from higher incremental costs by energy efficiency measures and renewable technologies.



Resilient Infrastructure Adaptation Measures Based on Community Ecosystems

The partnership between the city of Salvador, capital of the federal state of Bahia, and ProAdapta project developed analysis to implement green urban infrastructure measures and approaches to deal with the risks of climate change. The initiative identified the priority areas for reviewing the urban planning and management model, resulting in urban interventions that increasing the sustainability based on the resilience of cities.



Water Supply Digital Roadmap of the Water and Sewage Sector

The ProEESA project carried out a digital diagnosis with more than 490 service providers of water and sewage in Brazil. Participating service provider correspond to 88% of water connections in the country. This diagnosis is going to support the leadership of Ministry of Regional Development (MDR) in the digital transformation in the water and sewage.



Electrical Mobility Support for Fleet Electrification to Postal Operator Correios

Brazilian postal operator Correios and the PROMOB-e project signed a partnership on the theme of electric mobility. The partnership involved the publication of the study of Electric Scooters: Markets, cases and analysis and trainings based on case studies of electric vans, scooters and bicycles. This cooperation resulted in the purchase of e-bikes and piloted e-cargo-bikes (pictured).



Solid Waste Financing Map for Management of Urban Solid Waste

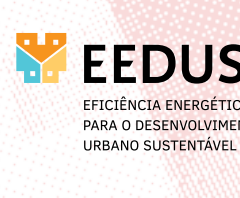
The Financing Map for Urban Solid Waste Management was prepared by ProteGEEr project. The financing tool facilitates the search for information on financing solid waste management by city government. The map gathers financing lines, branches, banks and other national and international financial institutions focused on solid waste management.



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Urban Transformation: Approaches and initiatives implemented by GIZ in Brazil - German-Brazilian cooperation for Cities
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Contact: urbantransformation@giz.de

Editor: Communication and Digital Processes Unit (GIZ Brazil)

Responsible: Arnd Helmke
arnd.helmke@giz.de

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
SCN Quadra 01 Bloco C Sala 1501
Ed. Brasília Trade Center
70711-902, Brasília-DF, Brasil
T +55 61 2101 2170

giz-brasilien@giz.de
www.giz.de/brasilien

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