

Consolidation of the Brazilian System of Conservation Units (SNUC) – LifeWeb

The challenge

Brazil is home to 20% of the global biodiversity, the highest worldwide. To preserve this natural heritage, in 2000 the country instituted the National System of Conservation Units, the SNUC.

The system brings together conservation units managed by the federal government, states, municipalities and even private parties. Its continuous growth poses many coordination challenges among these different levels.

Achieving national and international targets will require effective tools to coordinate the SNUC as well as effective stewardship and management of conservation units (CUs).

In this sense, more qualified professionals will be needed to manage the units and training their managers will also be important. Many conservation units also lack management plans and basic infrastructure. There is a potential to expand dialogue with society, the government and the private sector. In addition, the current tools to foster sustainable finance need to be upgraded.

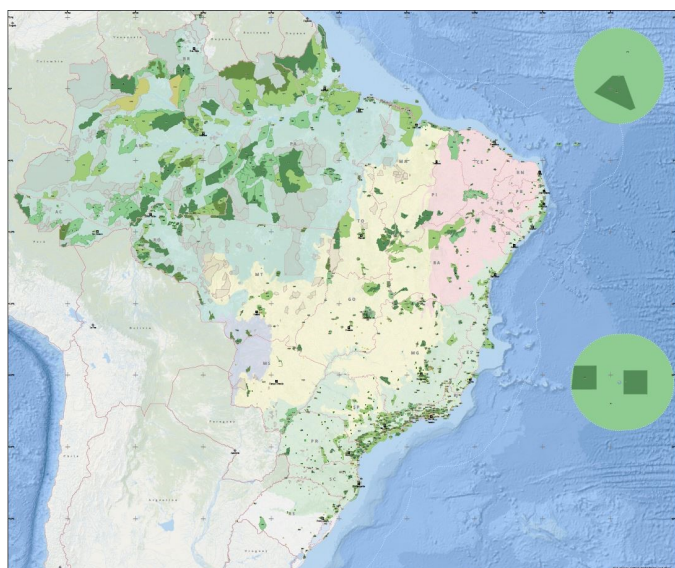
Project Name	Consolidation of the Brazilian System of Conservation Units (SNUC) – LifeWeb
Commissioned by the	Federal Ministry for the Environment, Nature Protection, Nuclear Safety and Consumer Protection (BMUV) of Germany
Country	Brazil
Political partner / Coordinator	Ministry of Environment (MMA)
Executing agency	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Volume of funds	Up to 6.8 million of euros (German contribution)
Duration	2013 to 2022

Objective

The agencies responsible for the National System of Nature Conservation Units (SNUC) have increased their capacity and expertise, have the necessary tools to improve management and financial sustainability and are capable of mobilizing society in favor of conservation units.

Our Approach

The Federal Ministry for the Environment, Nature Protection, Nuclear Safety and Consumer Protection (BMUV) of Germany supports the project under the International Climate Initiative (IKI) with up to 6.8 million Euros for advisory services provided by the *Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH*, with support from the German consulting firm *Gesellschaft für Organisation, Planung und Ausbildung (GOPA)*. Actions are implemented with the participation of the Chico Mendes Institute for Biodiversity Conservation (ICMBio), state environmental management agencies (OEMAS) and national non-governmental organizations (NGOs). This ensures that measures are effectively and sustainably anchored.



Left: Arraial do Cabo Marine Extractive Reserve (RJ)

Right: Iguazu National Park (PR)



Left: Unini River Extractive Reserve (Amazonas)

Center: Fernando of Noronha National Park (Pernambuco)

Right: Tumucumaque National Park (Pará)

Impacts and Results

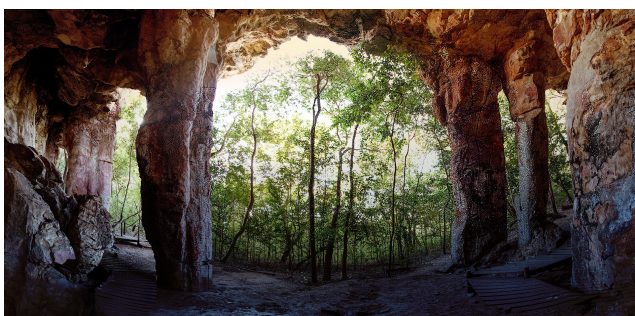
In June 2022 the SNUC included 2,659 CUs (Source: CNUC) that covered over 2.5 million squared kilometers, conserving 18.8% of Brazil's mainland and 26.4% of its sea area. The MMA's Protected Areas Department (DAP) was strengthened in its role as SNUC coordinator and presently has:

- A Permanent Forum of SNUC Directors established in 2018 with a view to fostering dialogue and exchange of experiences between system coordinators and federal and state management agencies.
- The documents required by the United Nations Education, Science and Culture Organization (Unesco) to apply for the first Marine Biosphere in Brazil, which should facilitate coordination among the various levels of management.
- An Action Plan to prepare the SNUC Implementation and Consolidation Strategy.
- Guide for Parliamentary Amendments produced and made available as technical guidance to those interested in submitting and preparing parliamentary amendments and agreement proposals to expand, implement and consolidate the SNUC.
- Tools to assess the SNUC's ecological representativity, effectiveness and equity, to be used when reporting to the Convention on Biological Diversity (CBD) on progress to Aichi Target 11.
- A communication plan and monitoring strategy to build the awareness of politicians and society in relation to the SNUC. The first activities contributed to creating two conservation units in April 2018 in the region known as Boqueirão da Onça in Bahia (approximately 800,000 hectares) and producing the video "The Value of Conservation Units for Brazilian Society".
- A more precise and legally grounded method to calculate environmental compensation for conservation units, using teaching materials designed for environmental management agency employees.
- The course "Introduction to Producing Management Plans" available on the Ministry of the Environment's e-Learning platform. A total of 714 participants were certified in the first class.
- The tool Management Analysis and Oversight System (SAMGe), in place at ICMBio since 2016. In 2021, 327 federal CUs, 308 state CUs and 10 municipal CUs joined the system. The system went online early in 2019.
- Restructuring of the National Biodiversity Academy (ACADEBio) and institutionalizing the results-oriented management course (INOVA acadébio).



Canoa Quebrada Protection Area (Ceará)

- Upwards of 40 key stakeholders at the municipal, state and federal levels were trained in results-oriented management. 15 stakeholders were trained as multipliers.
- In all, over 1,000 senior managers of conservation units and environmental management agency employees were trained in results-oriented management. Projects to improve management in conservation units are in place in all Brazilian biomes at all levels of administration.
- Two documentary videos entitled "[The SNUC as a source of health and well-being](#)" and "[The SNUC's value for Brazil's economy](#)".



Left: Templo dos Pilares Municipal Natural Park

Right: Teresópolis Mountains National Municipal Park



Left: Capivara-Monos Environmental Protection Area (SP)
Center: Coastal Environmental Protection Area (RJ)
Right: Caraá Environmental Protection Area (RS)

- Two communication and awareness-building campaigns entitled "SNUC as a source of health and well-being" and "Strengthening the SNUC".
- The first editions of the campaign "A day in the Park" (2019, 2020 and 2021) supported by the project focused on contributing towards the dialogue with society.
- [Report on ecological representativity in Brazil](#), aiming to analyze how CUs contribute to the conservation of ecologically representative samples of Brazilian biodiversity in land biomes and the marine environment. Contributions of indigenous lands ancillary to the SNUC were also analyzed.
- Volunteering for Conservation: [Good Practices in volunteer work, long distance trails and brands of origin](#).
- Update of the [National Register of Conservation Units \(CNUC\) platform](#) to make it easier to access and register CUs, with an online tutorial to help users gain a deeper understanding on how to use the platform.
- [SNUC Magazine](#) published in 2022, with the purpose of sensitizing the population on the subject and strengthening the system.
- The following activities were held in partnership with Instituto Semeia: 12 issues of the magazine [Parks & Societies](#), 17 webinars of the series [Semeia Live](#), 34 articles and news items published in major communication vehicles, three guides produced on: [recommendation for park visitors during the pandemic](#), [accessibility in parks](#), [childhood in the CUs](#), study about [ecotourism and its economic potential](#), organization of the event "Parks of Brazil" in 2021.
- Visual identity for the SNUC and its 12 categories produced by the project and disseminated together with ICMBio, state and municipal agencies.



- The publications "[Application of Principles in the Governance and Management of Conservation Units in Brazil](#)" and "[Equity in the Governance and Management of Conservation Units: Why? For whom?](#)" were produced with the project's support.

Knowledge outputs produced under the project are available on: cooperacaobrasil-alemanha.com/SNUC/publicacoes.html

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