

# INVESTMENT ATTRACTION FOR REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



Strategic Vision and Portfolio  
of Projects

MINISTÉRIO DA  
INTEGRAÇÃO E DO  
DESENVOLVIMENTO  
REGIONAL

GOVERNO FEDERAL  
**BRASIL**  
UNIÃO E RECONSTRUÇÃO





# INVESTMENT ATTRACTION FOR REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES

## Presentation

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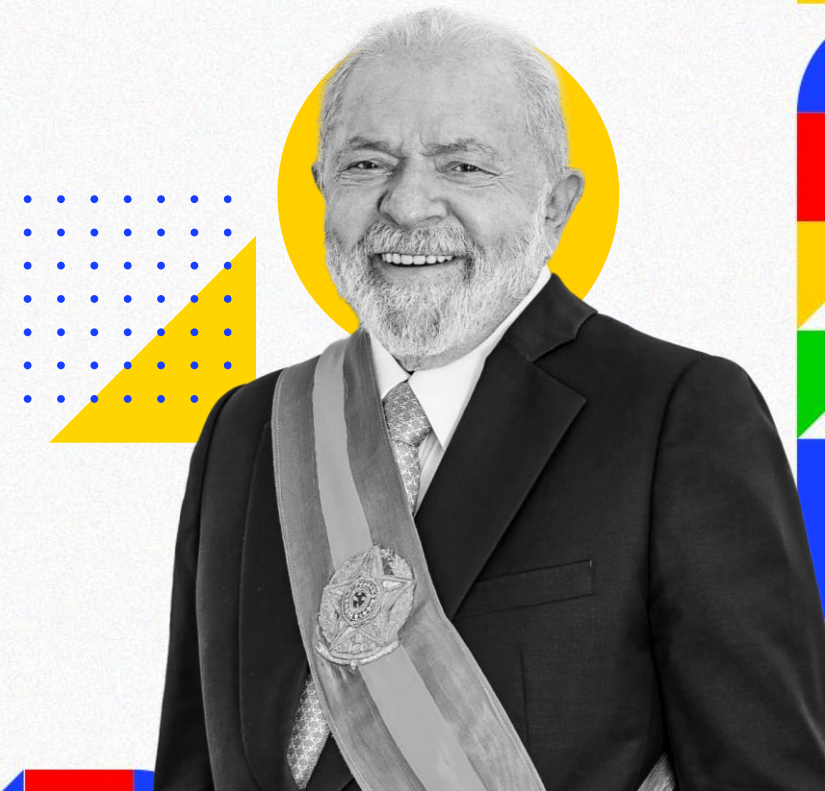
The Federal Government, through the Ministry of Integration and Regional Development (MIDR), plays a crucial role in building a fairer country. Its responsibilities encompass a wide range of tasks, from ensuring the progress of all regions of the country, especially the most vulnerable ones, to ensuring the effective management of water resources and infrastructure, as well as safeguarding water security across the entire territory.

Among its competencies, there is the implementation and management of irrigation and river basin revitalization projects, as well as inclusive and sustainable development. Additionally, MIDR is tasked with protecting and defending the population through risk prevention and disaster management, contributing to civil security. The Ministry's entire priority agenda is aligned with the 2030 Agenda and contributes to the achievement of the Sustainable Development Goals, especially SDGs 1, 2, 6, 8, 9, 10, 11, 13, and 17.

"As I never tire of repeating, Brazil is back. Our country is back to make its rightful contribution to addressing the key global challenges. We have reinstated the universalism of our foreign policy, characterized by respectful dialogue with all.

...  
Reducing inequalities within and among countries should become the synthesis goal of the 2030 Agenda. Taking action against climate change entails thinking about tomorrow and addressing historical inequalities."

**President Luiz Inácio Lula da Silva**





## TO FULFILL THESE RESPONSIBILITIES, THE MINISTRY ALSO RELIES ON THE FOLLOWING AFFILIATED ENTITIES:

1. Superintendence for the Development of the Amazon - Sudam;
2. Superintendence for the Development of the Northeast - Sudene;
3. Superintendence for the Development of the Midwest - Sudeco.
4. National Department of Works Against Droughts - Dnocs;
5. National Water and Basic Sanitation Agency - ANA; and
6. Public company: São Francisco and Parnaíba Valleys Development Company - Codevasf.

The Ministry recognizes the importance of establishing strong public policies and achieving tangible results for society. With this focus, it has outlined a strategic portfolio that reflects its priorities and action objectives. This portfolio aligns with the New Growth Acceleration Program (PAC) launched by the Federal Government, aiming to reduce regional disparities, promote sustainable and inclusive development, and enhance the quality of life for the Brazilian population.

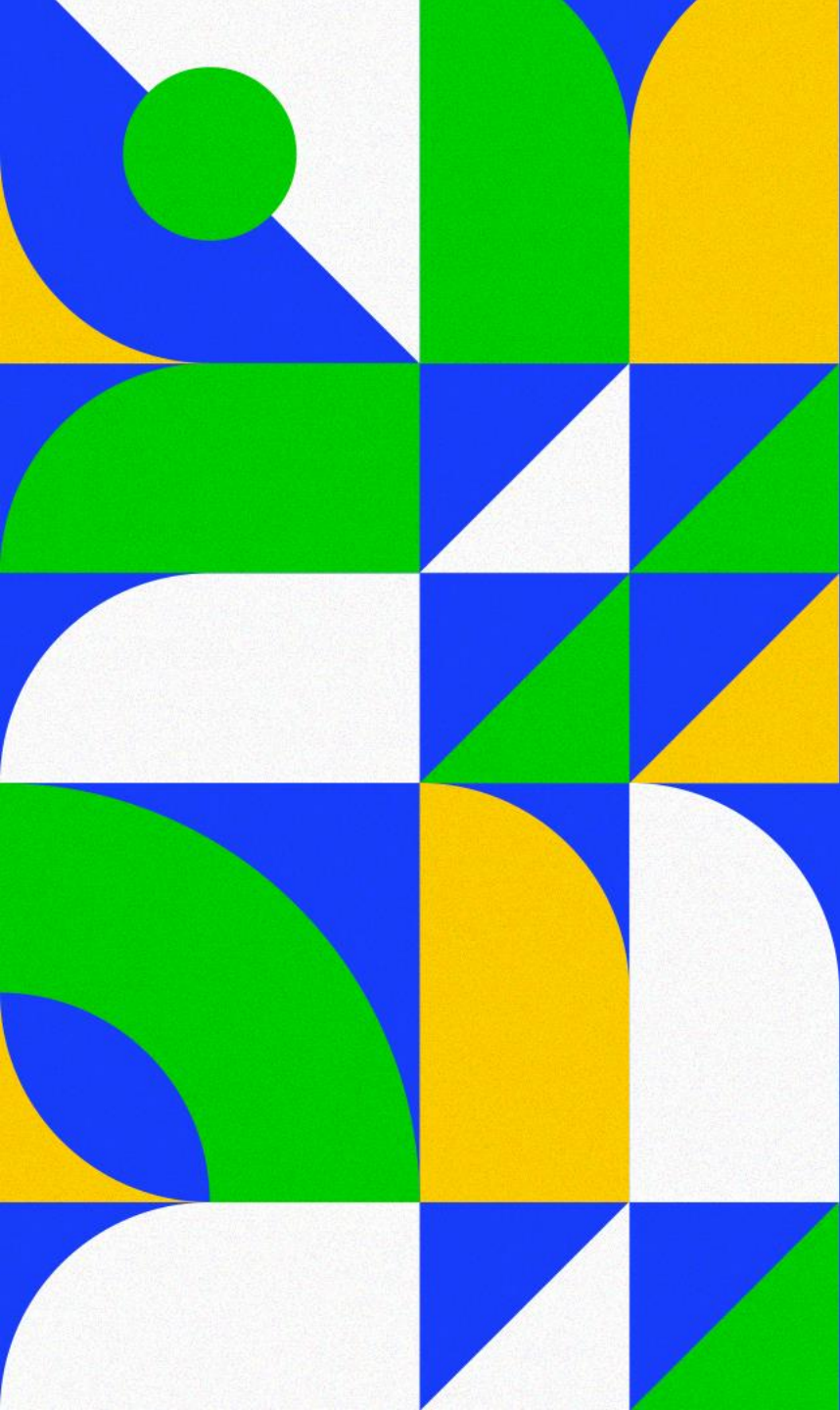
The Ministry of Integration and Regional Development focuses on infrastructure projects that not only boost employment and economic activity but also catalyze the sustainable development of new regions and attract long-term investments.

By optimizing its projects to attract private investment while maintaining efficiency and rigorous controls, the Ministry aims to improve the lives of vulnerable communities, stimulate economic and social progress in needy regions, and provide quality services to the population. It also seeks to contribute to measures that reduce the impact of climate change and, in alignment with the 2030 Agenda, work "so that people everywhere can enjoy peace and prosperity.

NOVO **PAC**  
DESENVOLVIMENTO E SUSTENTABILIDADE







# WHY INVEST IN BRAZIL?

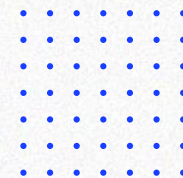
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# Why Invest in Brazil?

With the largest economy in Latin America and a population exceeding 200 million inhabitants, Brazil occupies a territorial expanse of 8,516,000 km<sup>2</sup>, offering a business-friendly environment.

Source: Investment Partnerships Program - PPI (<https://www.ppi.gov.br/invista-no-brasil/>)



## ECONOMY

Brazil boasts the largest economy in Latin America (2021) and ranks among the world's top 15 economies. It stood as the 13th largest economy globally in 2021, with a nominal GDP of US\$ 1.5 trillion.

Source: Ipeadata

## ECONOMY

Second-best economic climate rating in Latin America (2021).

Source: FGV IBRE.

## TOURISM POTENTIAL

Brazil's export rate of tourism services in 2021 is 26% higher than the Latin American

Source: IBGE

## SUPPORT FOR STATES AND MUNICIPALITIES

Benefits for states and municipalities through Public-Private Partnerships, ensuring access to essential services for Brazilians.

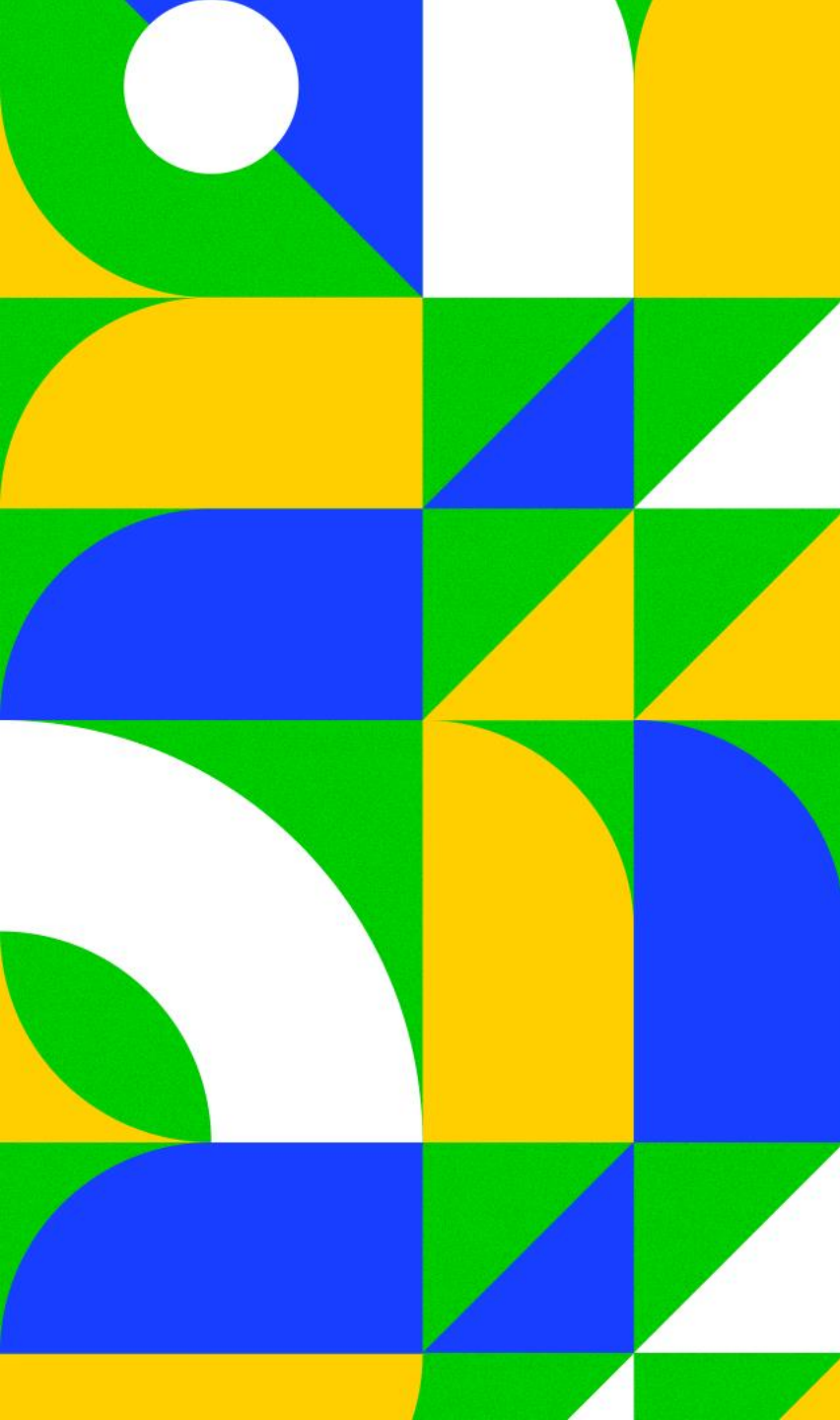
Source: Portal PPI

## NATURAL RESERVES

Brazil is composed of six distinct biomes: Amazon, Caatinga, Cerrado, Atlantic Forest, Pampa, and Pantanal. It possesses the world's largest biodiversity heritage, with 41,000 cataloged species, over 100,000 invertebrate species, and approximately 8,200 vertebrates.

Source: MMA





# FEDERAL GOVERNMENT MEASURES TO EXPAND PRIVATE CAPITAL PARTICIPATION

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# FEDERAL GOVERNMENT OF BRAZIL

## INSTITUTIONAL MEASURES - PAC 2023

Normative, management, and planning acts that decisively contribute to the sustainable expansion of public and private investments in Brazil.

Source: <https://www.gov.br/casacivil/novopac/medidas-institucionais>



Enhancement of Regulatory Environment  
and Environmental Licensing

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Expansion of Credit and Economic  
Incentives

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Enhancement of Concession and  
Public-Private Partnerships  
Mechanisms

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Incentives for Ecological  
Transition

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Planning, Management, and  
Public Procurement

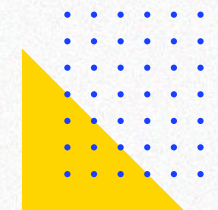
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# INVESTMENT AXES - PAC 2023

Normative, management, and planning actions that decisively contribute to the sustained expansion of public and private investments in Brazil.

Source: [www.gov.br/casacivil/novopac/](http://www.gov.br/casacivil/novopac/)





# STRUCTURAL INITIATIVES OF MIRD

Normative, management, and planning actions

Regional Integration Routes (sustainable and inclusive development)

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Borders (sustainable and inclusive development)

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Water for All: Water Security and Basin Revitalization

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Irrigation and Basin Revitalization (Água para Todos)

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Prevention and Disaster Risk Reduction and Humanitarian Cooperation (Sustainable and Resilient Cities)

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Modernization of mechanisms to attract national and international financial resources

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Sustainable Regional Infrastructure Development Fund - SRIDF

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Innovations in climate change adaptation strategies, with the maintenance of vulnerability platform - Climate Adapt

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National Irrigation Policy

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Water Pact - Pact of the National Water and Sanitation Agency and the Ministry with all state governments

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# STRUCTURAL INITIATIVES OF MIDR AND THE NATIONAL WATER AND SANITATION AGENCY

National reference standards for the basic sanitation sector

- Attraction of investments for the universalization of services
- Enhancement of the regulatory environment and the business environment of the sector
- Greater predictability, legal security, technical robustness, and transparency in regulation
- Establishment of parameters based on national and international best practices
- Definition of a quality standard in the provision of services by service operators
- Reduction of transaction costs for public and private service providers
- Regulatory agenda and involvement of stakeholders in the process of developing reference standards
- Progressiveness and consideration of local and regional peculiarities
- Capacity building for subnational managers and regulators to implement the sector's legal framework
- Adherence to reference standards by subnational regulatory entities and service providers, where applicable, is a condition for accessing federal resources.





# STRUCTURAL INITIATIVES OF MIDR AND THE NATIONAL WATER AND SANITATION AGENCY WATER GOVERNANCE PACT

Strengthening the institutional relationship between ANA and the Federative Units for the improvement of water resources management, sanitation service regulation, and the implementation of dam safety policy.

1

Enhance the interaction of water resources management in shared river basins between the Federal Government and the States.

2

Improve and harmonize the regulation of sanitation services through the issuance of reference standards for the sector.

3

Enhance the mechanisms for the management, operation, and maintenance of water infrastructure, including those related to dam safety.





# COMMITMENT TO THE AGENDA 2030



**1** NO  
POVERTY



**2** ZERO  
HUNGRY



**3** GOOD HEALTH  
AND WELL BEING



**4** QUALITY  
EDUCATION



**5** GENDER  
EQUALITY



**6** CLEAN WATER  
AND SANITATION



**7** AFFORDABLE  
AND CLEAN ENERGY



**8** DECENT WORK AND  
ECONOMIC GROWTH



**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**10** REDUCED  
INEQUALITIES



**11** SUSTAINABLE CITIES  
AND COMMUNITIES



**12** RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



**13** CLIMATE  
ACTION



**14** LIFE  
BELOW WATER



**15** LIFE  
ON LAND



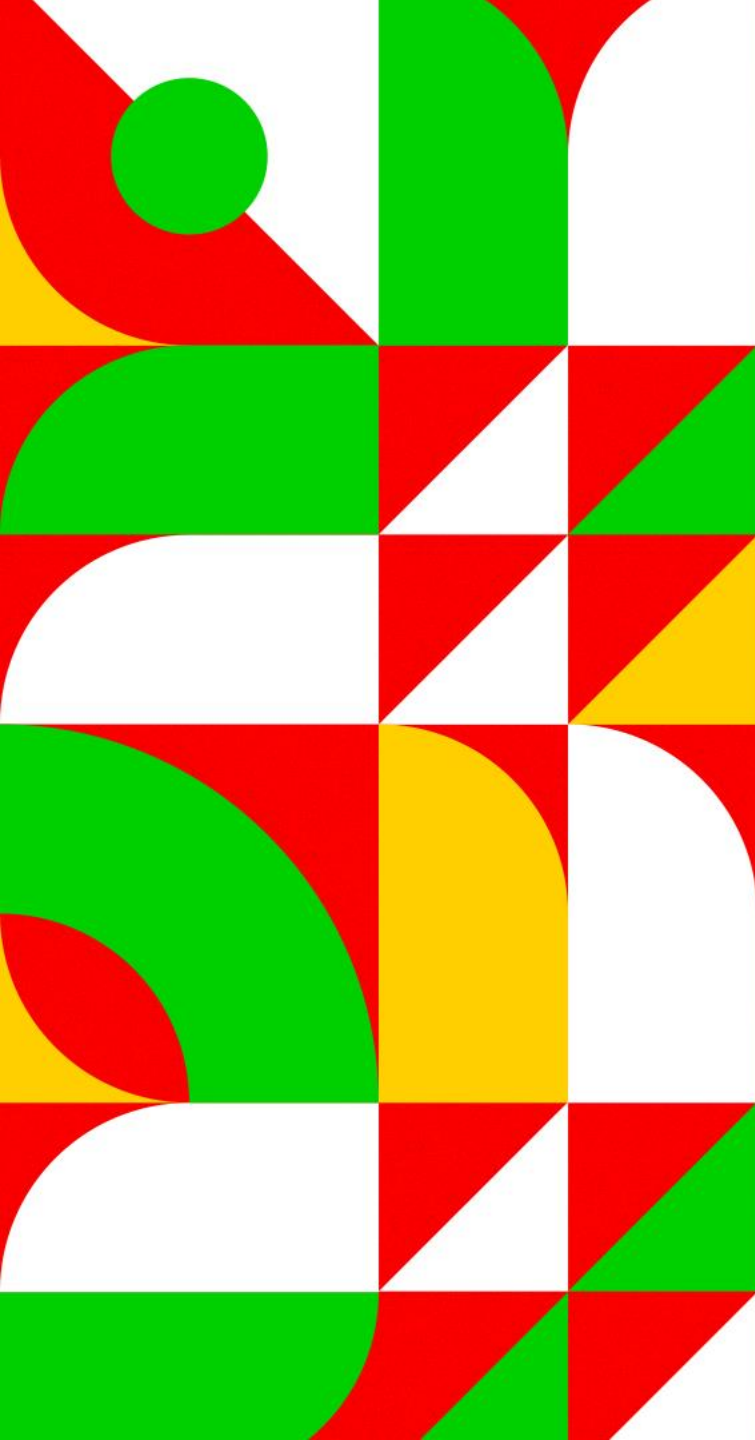
**16** PEACE,  
JUSTICE  
AND STRONG  
INSTITUTIONS



**17** PARTNERSHIPS  
FOR THE GOALS







# **COMMITMENT TO INTERNATIONAL BEST PRACTICES**

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# COMMITMENT TO INTERNATIONAL BEST PRACTICES IN PROMOTING AND PRIORITIZING QUALITY INVESTMENTS

The key elements of international best practices are considered in the development of regional integration and development initiatives. These elements include:

Ensuring the provision of quality public services for the population.

Legal certainty for investors.

Attention to the latest international certifications for sustainable investments (ESG, SRI, People-First Public Private Partnership).

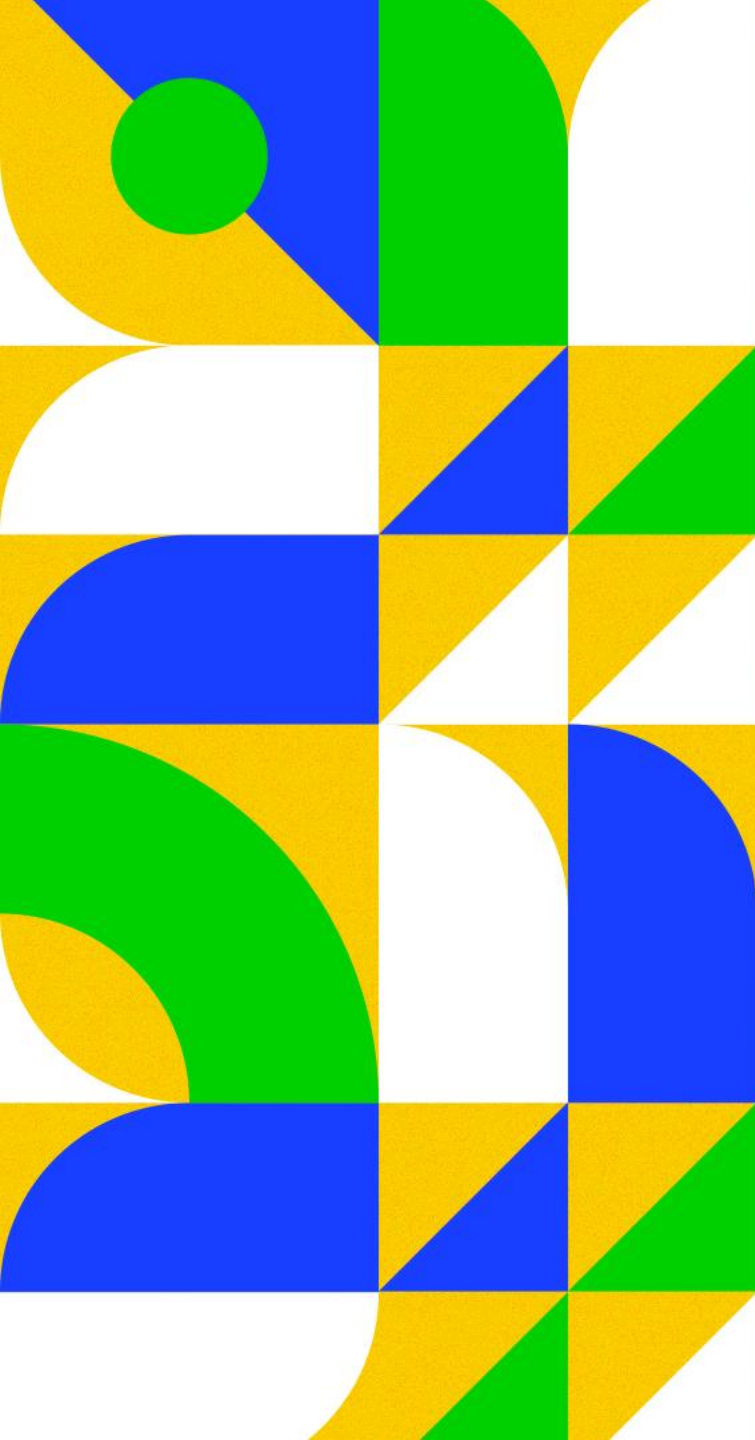
Financial engineering in accordance with the latest blended finance principles

Modern project governance.

Profitability and predictability for private capital.

A network of national and international institutional partners.





# MODELS FOR PRIVATE CAPITAL PARTICIPATION

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# MODELOS PARA PARTICIPAÇÃO DO CAPITAL PRIVADO

## ARRANJOS E MODELOS TRADICIONAIS COM GOVERNANÇA E ENGENHARIA FINANCEIRA APERFEIÇOADOS

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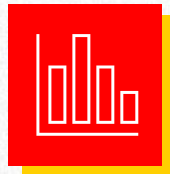
Public-private Partnership (Ppp)



Municipal Consortia For Ppp



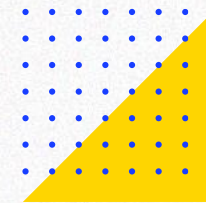
Concessions



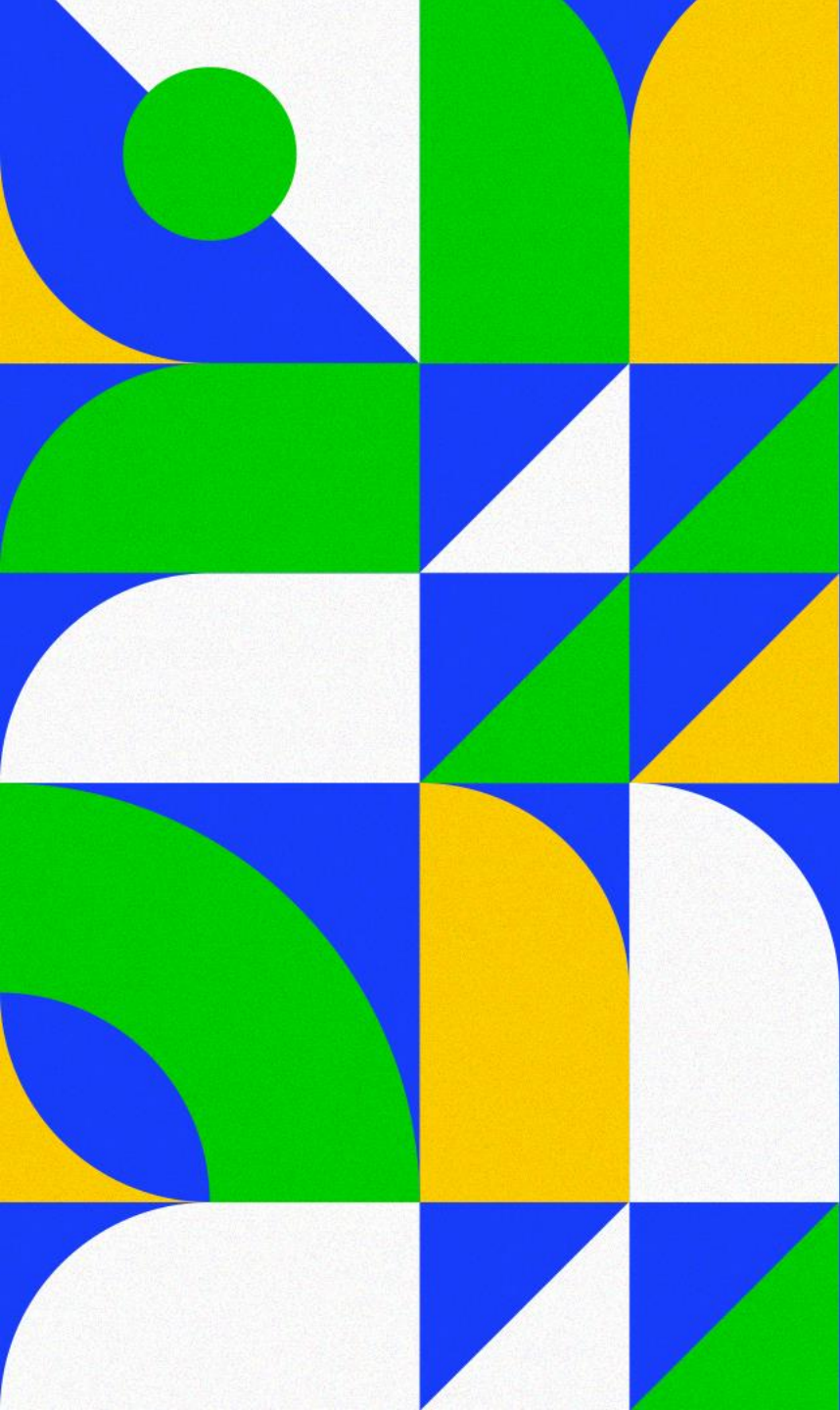
Private Project Financing Through Government Funds  
Regional Development Funds



Concessions



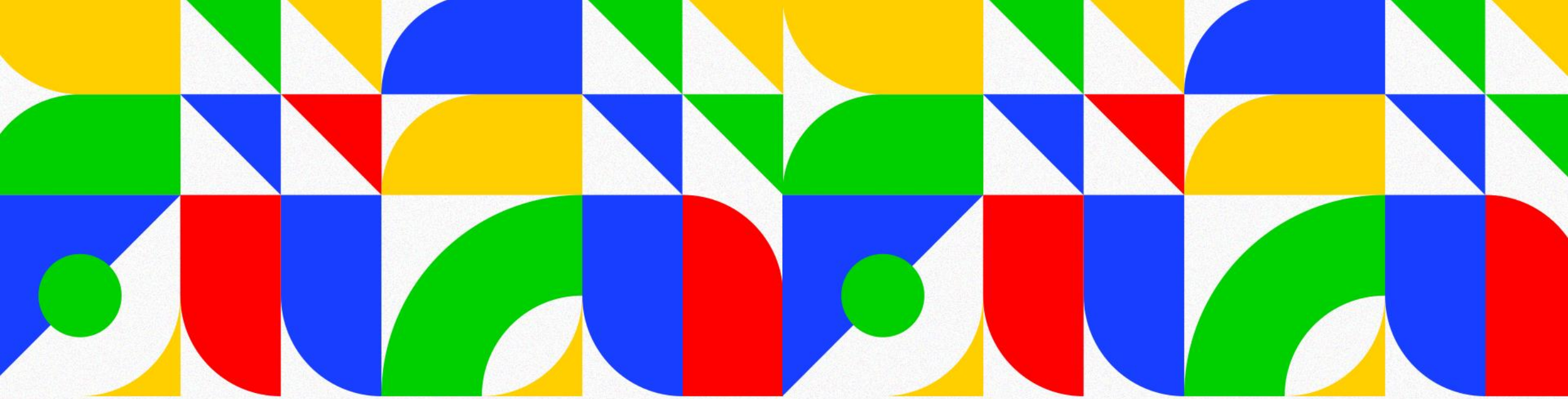




# PRIORITY PROJECTS







**HYDRAULIC  
INFRASTRUCTURE  
TRANSPOSITION**

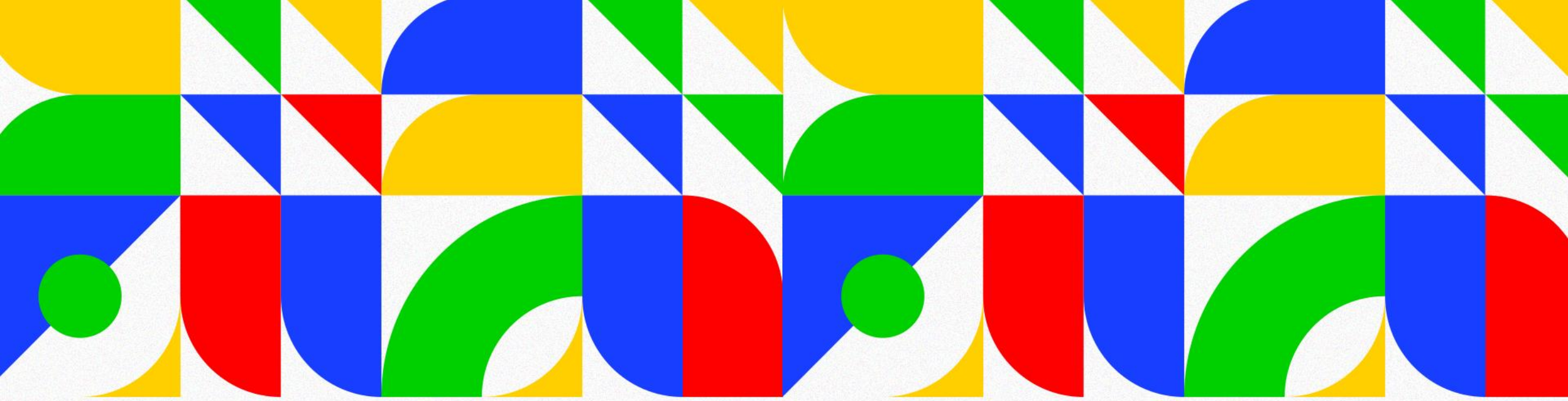


## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	SÃO FRANCISCO RIVER INTEGRATION PROJECT WITH THE NORTHERN NORTHEASTERN WATERSHEDS	
DESCRIPTION	<p>The São Francisco River Integration Project with the Northern Northeastern Watersheds - PISF is a hydraulic infrastructure project that captures water from the São Francisco River and conveys it to watersheds in the northern northeastern region of the states of Ceará, Paraíba, Pernambuco, and Rio Grande do Norte. Its primary objective is to ensure water security by integrating watersheds into a region that suffers from water scarcity and irregular rainfall: the semi-arid region of the Northeast. The project is organized into two main water transfer axes: the Northern Axis (Sections I and II) and the Eastern Axis (Section V) and associated branches. BNDES is responsible for conducting the studies to manage PISF, including the hiring of specialized technical services necessary for project modeling.</p>	
PPI LINK	<a href="https://www.ppi.gov.br/projetos/pisf-projeto-de-integracao-do-rio-sao-francisco-com-as-bacias-hidrograficas-do-nordeste-setentrional/">https://www.ppi.gov.br/projetos/pisf-projeto-de-integracao-do-rio-sao-francisco-com-as-bacias-hidrograficas-do-nordeste-setentrional/</a>	
QUALIFICATION DATE	05/08/2019	
QUALIFICATION TYPE	Investment Partnerships Program (PPI)	
OPERATIONAL MODALITY	FEDERAL PROJECT	
TERM	20 YEARS	
ASSET TYPE	Existing Asset	
BENEFICIARY POPULATION	12.000.000	X
ESTIMATED VALUE	R\$ 13.2 billion for complementary works	





# **INFRAESTRUTURA HÍDRICA**

## **IRRIGATION**



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	VALE DO JEQUITAI/MG
DESCRIPTION	Qualified under PPI through Resolution No. 216, dated December 16, 2021, the 7 hydroagricultural and irrigation projects aim, through the development of water infrastructure such as dams, canals, pumps, and pipelines, to expand irrigation services and, in the case of the hydroagricultural project, also provide water supply and generate energy, bringing economic and social development to the most needy regions of the Brazilian semi-arid area. Partnerships with the private sector will enable the resumption of the implementation of these projects, which was halted due to budgetary constraints, as well as the incorporation of new technologies and increased productivity.
LINK PPI	<a href="https://www.ppi.gov.br/projetos/vale-do-jequitai-mg/">https://www.ppi.gov.br/projetos/vale-do-jequitai-mg/</a>
QUALIFICATION DATE	16/12/2021
QUALIFICATION TYPE	PPI
OPERATIONAL MODALITY	Concession/Authorization
CAPEX	1.506.000.000,00
IMPACT	Availability of quality water for various uses.
CAPACITY	10,200 irrigable hectares
BENEFICIARIES	Citizens and municipalities of the Jequitai Valley, MG
AUCTION CRITERIA	Largest concession



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



<b>PROJECT TITLE</b>	<b>BAIXO ACARAÚ/CE</b>
<b>DESCRIPTION</b>	The projects aim, through the development of hydraulic infrastructure such as dams, canals, pumps, and pipelines, to expand irrigation services and, in the case of the hydro-agricultural project, also provide water supply and generate electricity, bringing economic and social development to the most needy regions of the Brazilian semi-arid area.
<b>LINK PPI</b>	<a href="https://www.ppi.gov.br/projetos/baixo-acarau-ce/">https://www.ppi.gov.br/projetos/baixo-acarau-ce/</a>
<b>QUALIFICATION DATE</b>	16/12/2021
<b>QUALIFICATION TYPE</b>	PPI <span style="float: right;">X</span>
<b>OPERATIONAL MODALITY</b>	FEDERAL PROJECT
<b>CAPEX</b>	93.000.000,00
<b>IMPACT</b>	4,164 ha to be implemented
<b>CAPACITY</b>	12,603 ha irrigated
<b>BENEFICIARIES</b>	Municipalities of Acaraú, Bela Cruz, and Marco
<b>AUCTION CRITERIA</b>	Highest bid



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	CHAPADA DO APODI/RN
DESCRIPTION	<p>The projects aim, through the development of hydraulic infrastructure such as dams, canals, pumps, and pipelines, to expand irrigation services and, in the case of the hydro-agricultural project, also provide water supply and generate energy, bringing economic and social development to the most needy regions of the Brazilian semi-arid area.</p> <p>Partnerships with the private sector will enable the resumption of the implementation of these projects, which was interrupted due to budgetary constraints, in addition to the incorporation of new technologies and increased productivity.</p>
LINK PPI	<a href="https://www.ppi.gov.br/projetos/chapada-do-apodi-rn/">https://www.ppi.gov.br/projetos/chapada-do-apodi-rn/</a>
QUALIFICATION DATE	16/12/2021
QUALIFICATION TYPE	PPI <span style="float: right;">x</span>
OPERATIONAL MODALITY	Concession/Authorization
CAPEX	374.000,000,00
IMPACT	5,200 hectares in the 1st phase and 4,036 hectares in the 2nd phase
CAPACITY	9,236 irrigated hectares
BENEFICIARIES	Municipalities of Apodi and Felipe Guerra
AUCTION CRITERIA	Highest bid



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	PLATÔS DE GUADALUPE/PI	
DESCRIPTION	The projects aim, through the development of hydraulic infrastructure such as dams, canals, pumps, and pipelines, to expand irrigation services and, in the case of the hydro-agricultural project, also provide water supply and generate energy, bringing economic and social development to the most needy regions of the Brazilian semi-arid area. Partnerships with the private sector will allow the resumption of the implementation of these projects, which was interrupted due to budgetary constraints, in addition to the incorporation of new technologies and increased productivity.	
LINK PPI	<a href="https://www.ppi.gov.br/projetos/platosdeguadalupepi/">https://www.ppi.gov.br/projetos/platosdeguadalupepi/</a>	
QUALIFICATION DATE	16/12/2021	
QUALIFICATION TYPE	PPI	X
OPERATIONAL MODALITY	Concession/Authorization	
CAPEX	256.000.000,00	
IMPACT	11,761 hectares to be implemented	
CAPACITY	32,000 hectares of irrigated areas	
BENEFICIARIES	Guadalupe Municipality	
AUCTION CRITERIA	Highest bid	



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	TABULEIRO DE SÃO BERNARDO /MA	
DESCRIPTION	<p>The projects aim to expand irrigation services through the development of hydraulic infrastructure, including dams, canals, pumps, and pipelines. In the case of the hydro-agricultural project, they also aim to provide water supply and generate energy, bringing economic and social development to the most needy regions of the Brazilian semi-arid area.</p> <p>Partnerships with the private sector will enable the resumption of the implementation of these projects, which was interrupted due to budgetary constraints, in addition to the incorporation of new technologies and increased productivity.</p>	
LINK PPI	<a href="https://www.ppi.gov.br/projetos/tabuleiros-de-sao-bernardo-ma/">https://www.ppi.gov.br/projetos/tabuleiros-de-sao-bernardo-ma/</a>	
QUALIFICATION DATE	16/12/2021	
QUALIFICATION TYPE	PPI	X
OPERATIONAL MODALITY	Concession/Authorization	
CAPEX	126.000.000,00	
IMPACT	5,598 hectares to be implemented	
CAPACITY	25,000 hectares of total irrigated area	
BENEFICIARIES	Municipalities of Magalhães de Almeida and Araisoses	
AUCTION CRITERIA	Highest bid	



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	VALE DO LUIÚ /BA	
DESCRIPTION	The projects aim, through the development of hydraulic infrastructure such as dams, canals, pumps, and pipelines, to expand irrigation services and, in the case of the hydro-agricultural project, also provide water supply and generate energy, bringing economic and social development to the most needy regions of the Brazilian semi-arid area. Partnerships with the private sector will allow the resumption of the implementation of these projects, which was interrupted due to budgetary constraints, in addition to the incorporation of new technologies and increased productivity.	
LINK PPI	<a href="https://www.ppi.gov.br/projetos/vale-do-iuiu-ba/">https://www.ppi.gov.br/projetos/vale-do-iuiu-ba/</a>	
QUALIFICATION DATE	16/12/2021	
QUALIFICATION TYPE	PPI	X
OPERATIONAL MODALITY	Concession/Authorization	
CAPEX	1.750.000.000,00 (estimate)	
IMPACT	Availability of quality water for various purposes.	
CAPACITY	51,705 hectares of irrigable area	
BENEFICIARIES	Citizens and municipalities of Vale do Luiú /BA	
AUCTION CRITERIA	Highest bid	



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	<b>TABULEIRO LITORÂNEOS/PI</b>
DESCRIPTION	The projects aim, through the development of hydraulic infrastructure such as dams, canals, pumps, and pipelines, to expand irrigation services and, in the case of the hydro-agricultural project, also provide water supply and generate energy, bringing economic and social development to the most needy regions of the Brazilian semi-arid area. Partnerships with the private sector will allow the resumption of the implementation of these projects, which was interrupted due to budgetary constraints, in addition to the incorporation of new technologies and increased productivity.
LINK PPI	<a href="https://www.ppi.gov.br/projetos/tabuleiroslitoraneos/pi/">https://www.ppi.gov.br/projetos/tabuleiroslitoraneos/pi/</a>
QUALIFICATION DATE	16/12/2021
QUALIFICATION TYPE	PPI <span style="float: right;">X</span>
OPERATIONAL MODALITY	Concession/Authorization
CAPEX	170.000.000,00
IMPACT	Availability of quality water for various purposes.
CAPACITY	8,428 irrigated hectares
BENEFICIARIES	Municipalities of Parnaíba and Buriti Lopes
AUCTION CRITERIA	Highest bid



# DNOCS

## National Department of Works Against Droughts

The National Department of Works Against Droughts (DNOCS) is a federal autarchy under the Ministry of Development and Regional Integration, with its central administration located in Fortaleza, Ceará.

This autarchy plays a crucial role in water management, particularly in regions affected by drought, operating in all states in the Northeast of Brazil and the north of Minas Gerais. Established in 1909, its primary mission is to carry out projects and works to mitigate the effects of drought, promoting sustainable development and water security.

The main function of DNOCS is to create tools to support the development of productive activities that are compatible with the preservation, conservation, and sustainable management of natural resources. The agency's scope of operation includes a wide range of activities, including the construction of dams, irrigation systems, and other water-related infrastructures. The Department also invests in research and studies to improve techniques for coexisting with the semi-arid climate, seeking innovative solutions to address climate challenges. It also manages Public Irrigation Projects, which strengthen agriculture and the livelihoods of rural communities.

In addition to its core water-related activities, DNOCS plays a significant role in promoting aquaculture. The institution is dedicated to research and the development of techniques that boost fish farming in the region, contributing to economic diversification and food security for communities. The implementation of fish stocking programs, coupled with sustainable strategies, underscores DNOCS's commitment not only to addressing drought challenges but also to promoting activities that strengthen local economies and provide livelihoods to those in need.





## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	<b>JAGUARIBE-APODI / CE</b>
DESCRIPTION	The projects aim, through the development of water infrastructure such as dams, canals, pumps, and pipelines, to expand irrigation services and, in the case of the hydro-agricultural project, also provide water supply and generate energy, bringing economic and social development to the neediest regions of the Brazilian semi-arid area. Partnerships with the private sector will enable the resumption of the implementation of these projects, which was interrupted due to budgetary constraints, as well as the incorporation of new technologies and increased productivity.
LINK PPI	N/A
QUALIFICATION DATE	20/12/2022
QUALIFICATION TYPE	PPI
OPERATIONAL MODALITY	Federal Project
CAPEX	250.000.000,00
IMPACT	4,000 hectares to be developed
CAPACITY	8,428 irrigated hectares
BENEFICIARIES	Municipalities of Limoeiro do Norte and Quixeré
AUCTION CRITERIA	N/A



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	REUSO DE ÁGUAS URBANAS EM PERÍMETROS IRRIGADOS URBAN WATER REUSE IN IRRIGATED AREAS
REVIEW	<p>The National Department of Works Against Droughts (DNOCS) has established thirty-seven irrigated areas within its area of operation, including eight in the state of Piauí, fourteen in Ceará, four in Pernambuco, three in Bahia, five in Rio Grande do Norte, and three in Paraíba. The total area established comprises 72,410.02 hectares, of which 28,148.56 hectares are currently in operation (production), representing 38.87% of the total established area.</p>
GENERAL OBJECTIVE	<p>The goal is to enhance the environmental preservation of river basins, reservoirs, and other water sources located within DNOCS's operational area. The focus is on efficient land and water use, including the utilization of lower-quality water, such as reclaimed wastewater, in the agricultural production chain. This includes reusing wastewater generated in cities and villages around the irrigated areas, aiming to ensure water availability and sustainable revitalization of these areas. This effort aims to enhance both the qualitative and quantitative aspects of water supply for more restrictive uses.</p>
SPECIFIC OBJECTIVES	<p>Reuse of wastewater from sewage treatment plants as a supplemental water source for the irrigated areas. Implementation of productive backyards using treated greywater and sewage from small towns and rural settlements. Establishment of rainfed productive systems in expropriated areas belonging to DNOCS within the Integrated Crop-Livestock-Forest System (ILFP). Creating conditions for technical cooperation with municipalities around reservoirs to encourage the implementation of efficient sewage treatment and collection systems, with the goal of establishing small irrigated areas using reclaimed water for family agriculture (see Law 11445 of January 5, 2007, Decree No. 7217 of June 21, 2010, and Law 3261/2019).</p>
GOALS	<ul style="list-style-type: none"> <li>a) Immediate implementation of 2,000 hectares irrigated with reclaimed water within DNOCS's irrigated areas.</li> <li>b) Implementation of 4,000 hectares irrigated with reclaimed water, considering a 30-year horizon. The increase in irrigated area will be driven by population growth during this period.</li> <li>c) Universalization of sewage collection and treatment systems in cities around DNOCS's irrigated areas.</li> </ul>
IMPACTS	<ul style="list-style-type: none"> <li>a) Reduction of pollutant load in the river basins.</li> <li>b) Immediate creation of 6,000 jobs, including 2,000 direct jobs and 4,000 indirect jobs, with an estimated 12,000 jobs created over a 30-year horizon, including 4,000 direct jobs and 8,000 indirect jobs. It is estimated that each irrigated hectare will create one direct job and two indirect jobs.</li> <li>c) Reduction in healthcare expenditures. According to the World Health Organization, every unit invested in sanitation generates nine units in healthcare savings.</li> </ul>

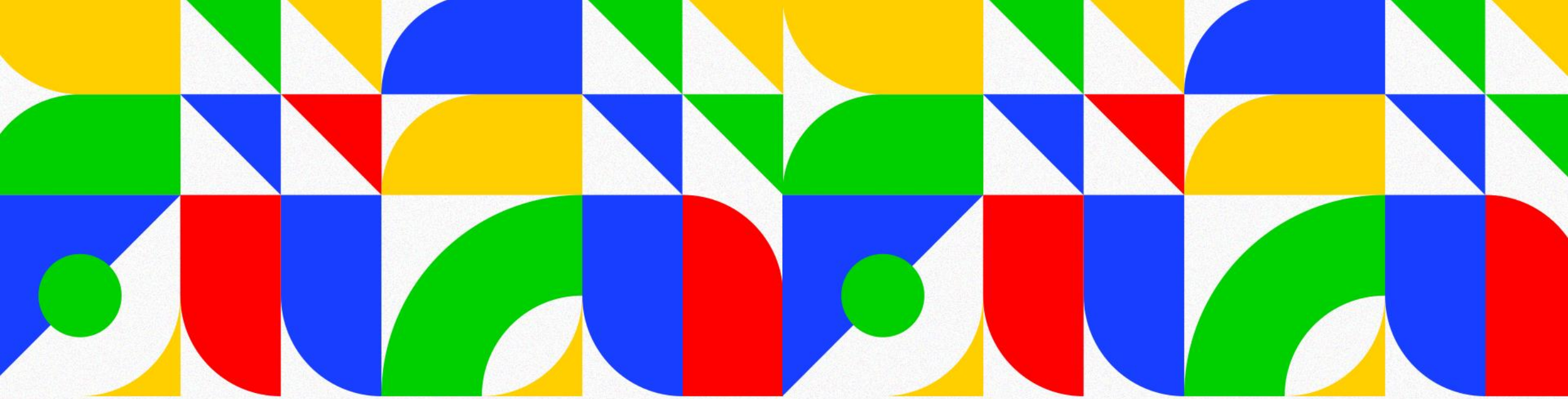


## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



<b>PROJECT TITLE</b>	<b>REUSO DE ÁGUAS URBANAS EM PERÍMETROS IRRIGADOS URBAN WATER REUSE IN IRRIGATED AREAS</b>
<b>INVESTMENTS</b>	<p>For the implementation of pumping stations and outfalls, an amount of R\$115,000,000.00 (one hundred and fifteen million Brazilian Reais) will be required.</p> <p>For the implementation of localized irrigation, an amount of R\$35,000,000.00 (thirty-five million Brazilian Reais) will be necessary.</p> <p>For the universalization of the sewage collection and secondary treatment system in the cities around the irrigated areas, an amount of R\$2,600,000,000.00 (two billion and six hundred million Brazilian Reais) will be required.</p>
<b>MODE</b>	The suggested investment modality is the Public-Private Partnership (PPP) Program.
<b>BENEFITS DERIVED FROM THE PROJECT</b>	<ul style="list-style-type: none"> <li>• Environmental</li> <li>• Economic</li> <li>• Cultural</li> <li>• Socio-educational</li> </ul>





**CIVIL PROTECTION  
AND DEFENSE**



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



<b>PROJECT TITLE</b>	<b>DEVELOPMENT OF STUDIES AND PROJECTS FOR THE PREVENTION AND PROTECTION OF COASTAL EROSION IN URBANIZED AREAS.</b>
<b>DESCRIPTION</b>	Allocation of resources for the development of studies, projects, and works for the prevention and protection of coastal erosion in urbanized areas.
<b>LOCATION</b>	Coastal zones located in established urban centers.
<b>DIGITAL VERSION LINK (IF AVAILABLE)</b>	N/A
<b>INTERESTED SECTOR</b>	National Secretariat for Civil Protection and Defense.
<b>ESTIMATED VALUE</b>	R\$ 175.000.000,00
<b>CONTRACTING METHOD</b>	Public-Private Partnership
<b>INVESTMENT NATURE</b>	Private
<b>DURATION</b>	Indeterminate
<b>IMPACT</b>	Stabilization of urban areas susceptible to coastal erosion.



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	DEVELOPMENT OF MODULAR HOUSING FOR POST-DISASTER SITUATIONS.
DESCRIPTION	Development of prefabricated houses designed to meet technical and social housing specifications, covering both temporary and permanent housing periods.
LOCATION	Brazil (Pilot Area in the Federal District/DF)
DIGITAL VERSION LINK (IF AVAILABLE)	N/A
INTERESTED SECTOR	Civil Protection, Social Assistance, Social Development, Human Rights, Housing
ESTIMATED VALUE	Long-term testing phase: R\$ 3 million
CONTRACTING METHOD	Direct or intermediated contracting of research, evaluation, and certification institutions
INVESTMENT NATURE	Public / Private / Funds
DURATION	2 years
IMPACT	Brazil - thousands of families affected by disasters across the national territory.



# PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	PRODUCTIVE REFORESTATION" AROUND UPSTREAM AREAS OF RESERVOIRS, IRRIGATED AREAS, AND INTERMITTENT RIVERS
<p><b>OBJECTIVES</b></p>	<p>To implement a broad and ongoing program of productive reforestation, aiming at the social and environmental sustainability of the occupants of areas bordering perennial and perennialized rivers, upstream and around artificial reservoirs, including the Irrigated Perimeters managed by the National Department of Works Against Droughts (DNOCS).</p> <p>Irrigated Perimeters:</p> <p><b>Definition:</b> Irrigated perimeters are areas delimited by the state for the implementation of public projects for irrigated agriculture, which generally have significant agricultural potential characterized by fertile soils, water availability, favorable climate, and abundant labor force. These elements, combined with the implemented infrastructure (channels, pipelines, pumping stations, etc.), favor extensive agricultural productivity.</p> <p><b>Review:</b> It is estimated that over half of the perimeters managed by DNOCS were established before the current environmental legislation was in place. In the early perimeters, there were no regulations regarding land use restrictions, such as areas for legal reserves. With the current legislation, new perimeters have reserved areas for permanent preservation, but there is significant human interference in these areas by third parties, necessitating a review. Therefore, this proposal presented here addresses the imperative need to align with the current environmental legislation, providing an alternative and an opportunity to correct potential flaws.</p> <p><b>River Banks:</b> On the banks of rivers, streams, creeks, springs, and throughout preservation areas, demonstrative units of sustainable production models will be established, with a priority for ILFP (Integration of Agriculture, Forestry, and Livestock) systems combined with apiculture and small livestock farming projects. Initially, technical-scientific experiments at the higher education level in agronomy will be prioritized, involving students, landholders, former landowners, or members of families from expropriated areas in the municipalities of the remaining areas.</p>
<p><b>GOALS</b></p>	<p>a) Acquire and/or produce 1,000,000 Spondias seedlings.                      b) Acquire and/or produce 1,000,000 seedlings of native trees from the region.                      c) Distribute and monitor the planting of 1,000,000 Spondias seedlings.                      d) Distribute and monitor the planting of 500,000 seedlings of native species from the region.</p>

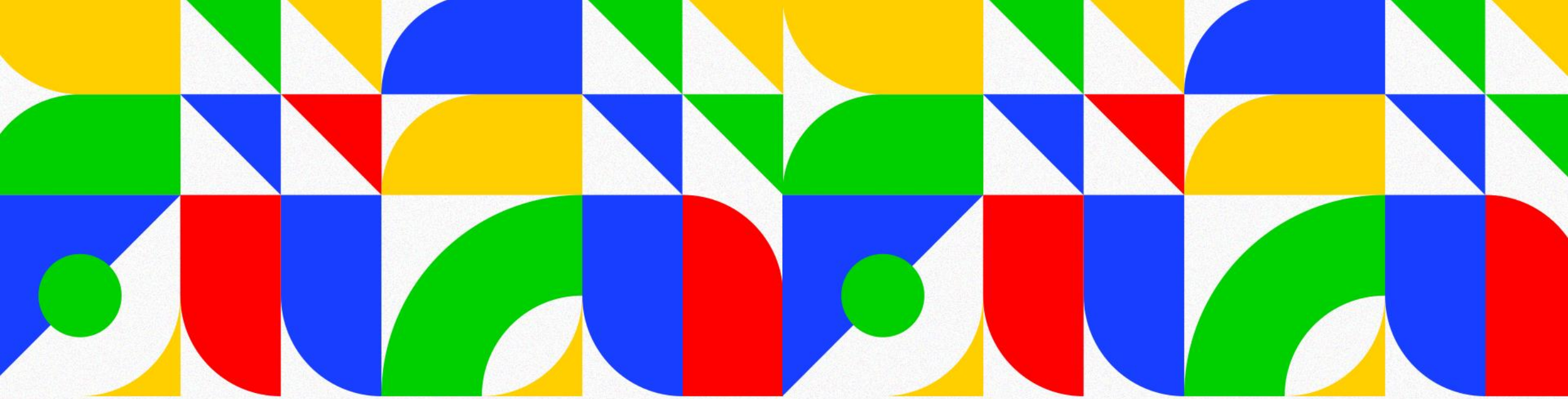


## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	DEVELOPMENT OF MODULAR HOUSING FOR POST-DISASTER SITUATIONS.
<p><b>IMPACTS</b></p>	<p>a) Implement production, storage, and distribution centers for Spondias and native tree seedlings in DNOCS's perimeters, one or more in each state, starting with the Pilot Project's implementation in the Tabuleiro de Russas Project (experimental area).</p> <p>b) Facilitate the recovery and preservation of 10,000 hectares through Spondias planting in upstream areas, Preservation Areas of the Irrigated Perimeters, as well as the banks of perennial and perennialized rivers.</p> <p>c) Enable the recovery of 5,000 hectares with native tree planting in upstream areas of reservoirs, Preservation Areas of the perimeters, and the banks of perennial and perennialized rivers.</p> <p>d) Maximize the entrepreneurship of irrigators upstream and downstream of DNOCS with increased production of fruit trees and soil retention and preservation vegetation.</p> <p>e) Promote 100 institutional campaigns to highlight, disseminate, and emphasize the program's importance in municipal councils, schools, public and private institutions, etc.</p> <p>f) Encourage irrigators and the general public about the importance of implementing these species in the production system with crops and livestock adapted to the semi-arid region.</p> <p>g) Support research projects to conduct studies monitoring the adaptation of Spondias species in degraded area recovery projects.</p> <p>h) Influence technology dissemination through demonstrative effects in upstream areas, Irrigated Perimeters, riverbanks, and the surrounding areas where the project is implemented.</p> <p>i) Research and technological development</p>
<p><b>INVESTMENT</b></p>	<p>R\$ 65,000,000.00 (sixty-five million Brazilian Reais)</p>
<p><b>PROJECT IMPLEMENTATION TIME</b></p>	<p>5 years</p>
<p><b>PROJECT BENEFITS</b></p>	<ul style="list-style-type: none"> <li>• Environmental;</li> <li>• Economic;</li> <li>• Cultural;</li> <li>• Socio-educational;</li> </ul>





# INVESTMENT FUNDS

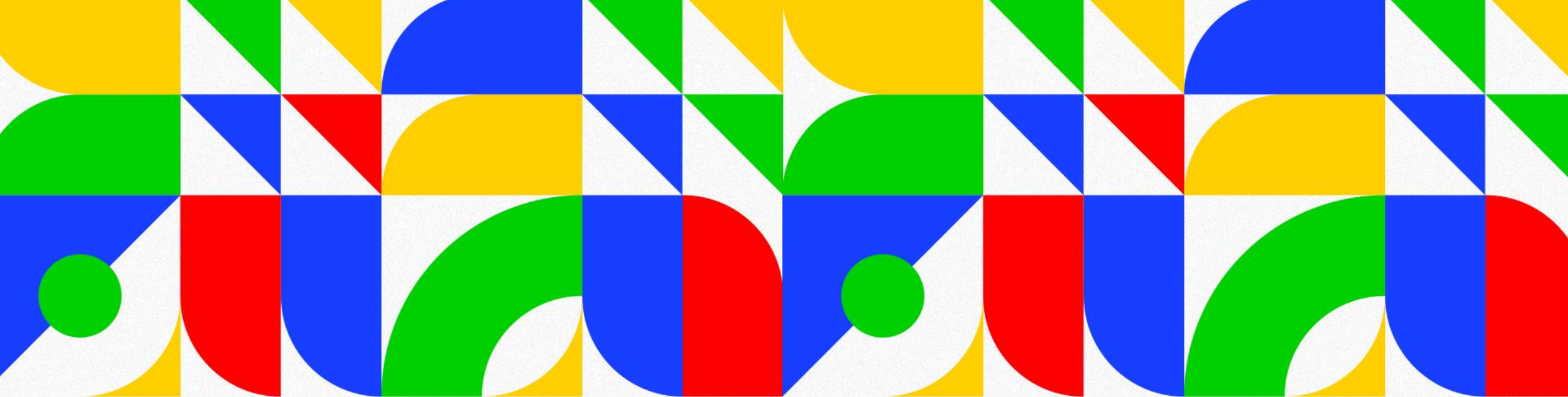


# PROJETOS PRIORITÁRIOS EM INICIATIVAS DE INTEGRAÇÃO E DESENVOLVIMENTO REGIONAL



INITIATIVE	SUSTAINABLE REGIONAL INFRASTRUCTURE DEVELOPMENT FUND (FDIRS)
DESCRIPTION	A fund with the participation of the Federal Government and the private partner as investors, aimed at structuring Concession/PPP projects, providing guarantees for concessions, and increasing the use of the capital market for project implementation, with a focus on the North (N), Northeast (NE), and Central-West (CO) regions.
LOCATION	National
DIGITAL VERSION LINK (IF AVAILABLE)	<a href="https://www.gov.br/mdr/pt-br/composicao/orgaos-colegiados/conselho-do-fundo-de-desenvolvimento-da-infraestrutura-regional-sustentavel/conselho-do-fundo-de-desenvolvimento-da-infraestrutura-regional-sustentavel">https://www.gov.br/mdr/pt-br/composicao/orgaos-colegiados/conselho-do-fundo-de-desenvolvimento-da-infraestrutura-regional-sustentavel/conselho-do-fundo-de-desenvolvimento-da-infraestrutura-regional-sustentavel</a>
INTERESTED SECTOR	Infrastructure with a defined focus based on an annual investment policy that will determine the priority sectors, aligned with public policies. Initially, resources may be allocated to the sectors of sanitation, social infrastructure, irrigation, smart cities, transportation, and logistics.
ESTIMATED VALUE	Approximately R\$ 1 billion (as of July 2023).
CONTRACTING METHOD	The Federal Government, States, Municipalities, and the Federal District may contract the FDIRS Administrator through a direct contract for project structuring, without the need for a bidding process.
INVESTMENT NATURE	An investment fund with the participation of the Federal Government and a private partner, authorized by Law 12.712/12, using resources from the FGIE.
DURATION	Indeterminate.
IMPACT	In conjunction with FEP-Caixa and the BNDES Project Factory, it is expected that FDIRS will stand out as another important tool to unlock PPPs in Brazil, attracting a significant volume of private investments for the development of high-quality infrastructure and public services, with a priority for the North (N), Northeast (NE), and Central-West (CO) regions.





**COMPANY FOR THE DEVELOPMENT OF  
THE SAO FRANCISCO AND PARNÁIBA  
VALLEYS - CODEVASF**



# CODEVASF

## COMPANY FOR THE DEVELOPMENT OF THE SÃO FRANCISCO AND PARNAÍBA VALLEYS

The Company for the Development of the São Francisco and Parnaíba Valleys – Codevasf is a public company under the Ministry of Integration and Regional Development – MIDR. Its mission is to promote integrated and sustainable regional development, contributing to the reduction of inequalities. This mission reflects the company's purpose as a driver of regional development, acting as a catalyst for the development of the regions it serves.

The company's area of operation covers 37% of the national territory, encompassing 2,688 municipalities in the river basins of the São Francisco, Parnaíba, Itapicuru, Mearim, Vaza-Barris, Paraíba, Mundaú, Jequiá, Tocantins, Munim, Gurupi, Turiaçu, Pericumã, Una, Real, Itapicuru, Paraguaçu, Araguari, Araguari, Jequitinhonha, Mucuri, and Pardo, involving the states of Amapá, Alagoas, Bahia, Ceará, Goiás, Maranhão, Mato Grosso, Minas Gerais, Pará, Paraíba, Pernambuco, Piauí, Rio Grande do Norte, Sergipe, Tocantins, and the Federal District, as provided for in Law No. 14,053 of September 8, 2020, which amended Law No. 6,088 of July 16, 1974.

Codevasf works to improve the quality of life and socio-economic development in its operational area, through direct execution or partnerships, with a significant number of actions related to segments such as the development of irrigated agriculture, revitalization of river basins, structuring productive activities, providing water for water security, and urban, rural, and logistical requalification.

The actions focus on strategic objectives aimed at improving the quality of life in society and reducing regional inequalities. The following are the main lines of business by strategic themes for the allocation of public resources aimed at contributing to the transformation of the reality of thousands of municipalities, with the effective delivery of works and actions for the benefit of society.





## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	PROJETO DE IRRIGAÇÃO IUIÚ - BAHIA (IUIÚ IRRIGATION PROJECT – BAHIA)
DESCRIPTION	The projects aim, through the development of water infrastructure such as dams, canals, pumps, and pipelines, to expand irrigation services and, in the case of the hydroagricultural project, also provide water supply and generate energy, bringing economic and social development to the most needy regions of the Brazilian semi-arid area. Partnerships with the private sector will enable the resumption of the implementation of these projects, which was halted due to budgetary constraints, as well as the incorporation of new technologies and increased productivity.
LINK PPI	<a href="https://www.ppi.gov.br/projetos/vale-do-iuiu-ba/">https://www.ppi.gov.br/projetos/vale-do-iuiu-ba/</a>
QUALIFICATION DATE	16/12/2021
QUALIFICATION TYPE	PPI
OPERATIONAL MODALITY	Concession/Authorization
CAPEX	Approximately BRL 1.75 billion (estimated)
IMPACT	Availability of quality water for various purposes.
CAPACITY	51,000 hectares
BENEFICIARIES	Municipalities served: 10 municipalities; Beneficiary population: 250,000 inhabitants; Jobs: 160,000 direct and indirect jobs.
AUCTION CRITERIA	Highest bid



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	<b>SALITRE PHASE 2 - BAHIA</b>
DESCRIPTION	The Salitre Project is located in the sub-middle section of the São Francisco River basin, on its right bank, in the city of Juazeiro, state of Bahia. Phase 1 of the Salitre Project is implemented and in operation, with approximately 5,100 hectares of irrigable area and a flow rate of 6.81 m <sup>3</sup> /s.
LOCATION	Juazeiro, Bahia
DIGITAL VERSION LINK (IF AVAILABLE)	N/A
INTERESTED SECTOR	Infrastructure
ESTIMATED VALUE	R\$ 380 million.
CONTRACTING METHOD	PPI
INVESTMENT NATURE	-
DURATION	Undetermined
IMPACT	Benefited population: 200,000 inhabitants; Estimated jobs: 25,000 direct and indirect; Total estimated value R\$ 380 million.



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



<b>PROJECT TITLE</b>	<b>PROJETO JAÍBA (ETAPA III E IV) - MINAS GERAIS - JAÍBA PROJECT (STAGES III AND IV) - MINAS GERAIS</b>
<b>DESCRIPTION</b>	Located in the municipalities of Jaíba, Matias Cardoso, and Verdelândia, in the state of Minas Gerais. It is on the right bank of the São Francisco River. The implementation of the Jaíba Project has been divided into 4 stages, of which stages 1 and 2 are already executed and in production. Codevasf manages Stage I, and the State Government of Minas Gerais manages Stage II
<b>LOCATION</b>	Minas Gerais
<b>DIGITAL VERSION LINK (IF AVAILABLE)</b>	N/A
<b>INTERESTED SECTOR</b>	Infrastructure
<b>ESTIMATED VALUE</b>	R\$ 450 million
<b>CONTRACTING METHOD</b>	PPI
<b>INVESTMENT NATURE</b>	
<b>DURATION</b>	Undetermined
<b>IMPACT</b>	Municipalities served: Jaíba, Matias Cardoso, and Verdelândia; Beneficiary population: 55,000 inhabitants; Estimated total jobs: 62,000 in Stages III and IV only.

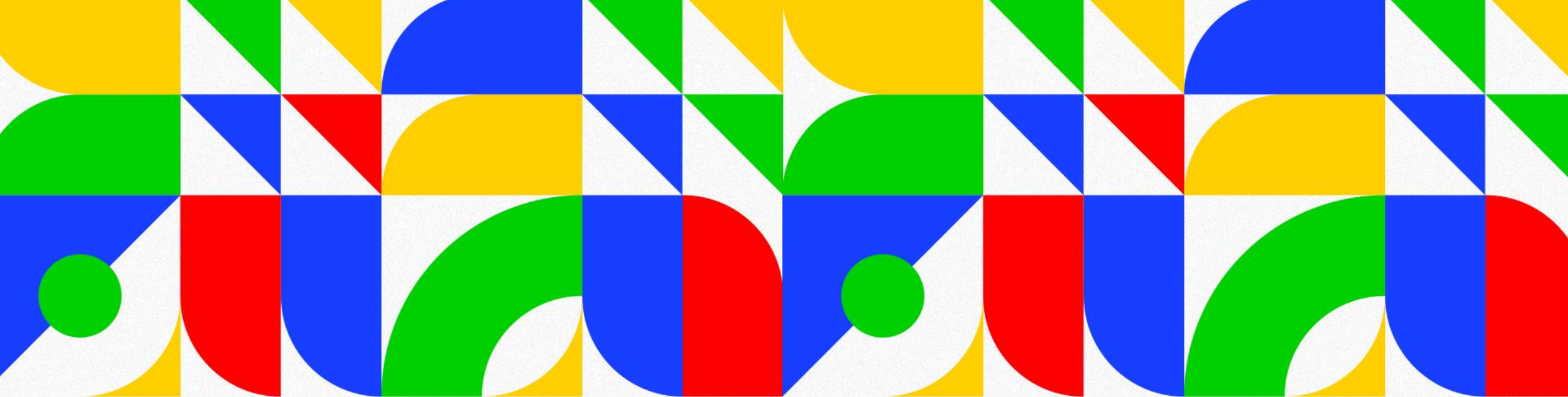


## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	CANAL DO SERTÃO BAIANO - BAHIA - BAIANO BACKLANDS CANAL - BAHIA
DESCRIPTION	A raw water conveyance and distribution hydraulic system with capture from the São Francisco River, Salitre Irrigation Project (SIP) to ensure water security for the Salitre, Tourão/Poções, Itapicuru, and Jacuípe river basins, as well as the municipality of Uauá, located in the state of Bahia.
LOCATION	Bahia
DIGITAL VERSION LINK (IF AVAILABLE)	N/A
INTERESTED SECTOR	Infrastructure
ESTIMATED VALUE	R\$ 6,9 million
CONTRACTING METHOD	PPI
INVESTMENT NATURE	
DURATION	10 years
IMPACT	297 km of canal, divided into 5 sections. Municipalities served: 44 Beneficiary population: over 1 million people Estimated jobs: 45,000 direct and indirect





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**CENTER-WEST DEVELOPMENT  
SUPERINTENDENCY | SUDECO**

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## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



<b>PROJECT TITLE</b>	<b>MALHA OESTE - WEST NETWORK</b>
<b>DESCRIPTION</b>	Re-licensing of the concession contract for Rumo West Network. Location: MS - SP
<b>LINK PPI</b>	N/A
<b>QUALIFICATION DATE</b>	02/12/2020
<b>QUALIFICATION TYPE</b>	PPI
<b>OPERATIONAL MODALITY</b>	Concession
<b>CAPEX</b>	R\$ 18.925.000.000,00
<b>IMPACT</b>	The West Network Railway is of utmost importance for the logistical development of the State. The railway covers over 1,300 km from east to west in the State, traversing the main regions of ore, cellulose, and cereal production. The revitalization will enable the expansion of the productive sector with more competitive logistics costs to reach the Port of Santos.
<b>CAPACITY</b>	Length of Conceded Section: 1,625.3 km (excluding the Ponta Porã branch).
<b>BENEFICIARIES</b>	Corumbá, Campo Grande, Ponta Porã, and Três Lagoas
<b>AUCTION CRITERIA</b>	Highest bid
<b>CONCESSION DESCRIPTION</b>	Unitary concession for own cargo: R\$ 0.2732/thousand TKU; Unitary concession for cargo in DP: R\$ 0.1288/thousand TKU



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



<b>PROJECT TITLE</b>	<b>BR-163/267/MS</b>
<b>DESCRIPTION</b>	Re-licensing of the concession for BR-163/MS - Pantanal Route and Tuiuiu Route. Location: MS
<b>LINK PPI</b>	N/A
<b>QUALIFICATION DATE</b>	11/03/2021
<b>QUALIFICATION TYPE</b>	PPI - PRDCO 2024-2027 (3.2.P20 e 3.2.P21)
<b>Investment Axis - PAC 2023</b>	Efficient and Sustainable Transportation
<b>OPERATIONAL MODALITY</b>	Concession
<b>CAPEX</b>	R\$ 18.925.000.000,00
<b>IMPACT</b>	Improvement in population mobility and production flow
<b>CAPACITY</b>	Length: 1,142 km
<b>BENEFICIARIES</b>	
<b>AUCTION CRITERIA</b>	
<b>CONCESSION DESCRIPTION</b>	



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



<b>PROJECT TITLE</b>	<b>EF-354 - FERROVIA DE INTEGRAÇÃO CENTRO-OESTE (TRECHO MARA ROSA/GO ATÉ ÁGUA BOA/MT)</b> <b>EF-354 - CENTRAL-WEST INTEGRATION RAILWAY (FROM MARA ROSA/GO TO ÁGUA BOA/MT)</b>
<b>DESCRIPTION</b>	Segment of the Central-West Integration Railway that begins at the North-South Railway in Mara Rosa/GO and goes to Água Boa/MT. Location: MT - GO
<b>LINK PPI</b>	N/A
<b>QUALIFICATION DATE</b>	20/06/2018
<b>QUALIFICATION TYPE</b>	PPI - PRDCO 2024-2027 (3.2.P7)
<b>INVESTMENT AXIS - PAC 2023</b>	Efficient and Sustainable Transportation
<b>TYPE CLASSIFICATION</b>	Federal Project
<b>OPERATIONAL MODALITY</b>	Concession
<b>CAPEX</b>	R\$ 2,730,000,000.00 Amount to be disbursed by Vale for the construction of the stretch from Mara Rosa/GO to Água Boa/MT
<b>IMPACT</b>	Promoting the transportation of grain production by rail to reduce transportation costs, increase negotiation capacity in the international market, and lower product prices for the end consumer
<b>CAPACITY</b>	383 km in length
<b>BENEFICIARIES</b>	States of Goiás, Mato Grosso, and Rondônia
<b>ESTIMATED VALUE</b>	R\$ 18,800,000,000.00
<b>AUCTION CRITERIA</b>	Largest concession



## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	PROGRAMA DE EFICIÊNCIA ENERGÉTICA DO ESTADO STATE ENERGY EFFICIENCY PROGRAM
DESCRIPTION	Construction of 22 solar power plants with a comprehensive energy efficiency program. Location: Goiás
LINK PPI	N/A
QUALIFICATION DATE	
QUALIFICATION TYPE	PRDCO 2024-2027 (3.2.P1)
INVESTMENT AXIS - PAC 2023	Energy Transition and Security
OPERATIONAL MODALITY	
CAPEX	
IMPACT	
CAPACITY	
BENEFICIARIES	Population of the State of Goiás
ESTIMATED VALUE	R\$ 689.851.257,48

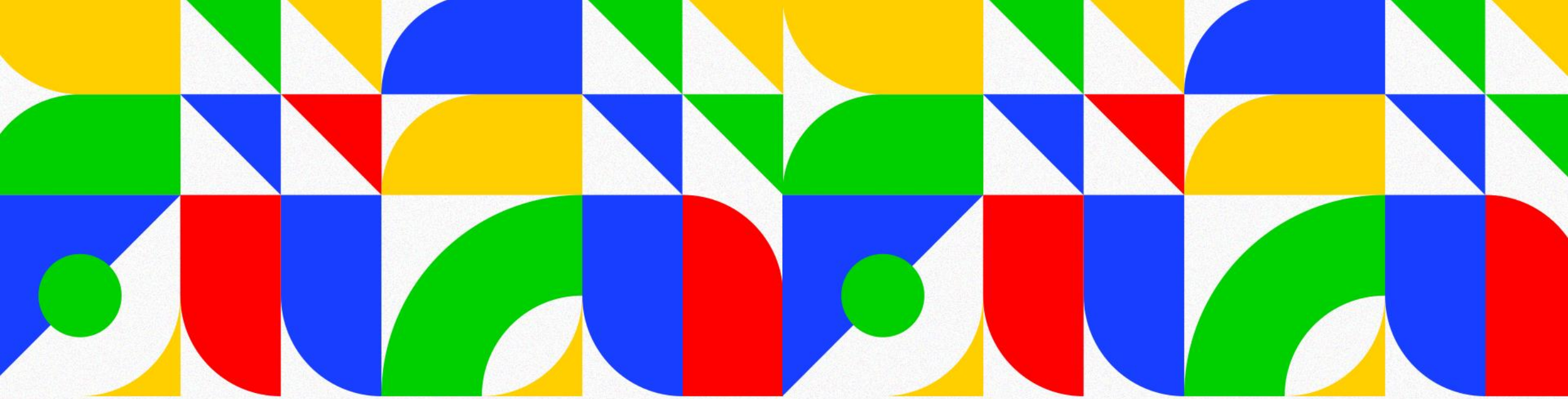


## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



<b>PROJECT TITLE</b>	<b>DF - PAC - VLT AEROPORTO - PLANO PILOTO (W3 SUL E NORTE) DF - PAC - AIRPORT LIGHT RAIL - PLANO PILOTO (W3 SOUTH AND NORTH)</b>
<b>DESCRIPTION</b>	Implementation of urban public transportation services through Light Rail Transit (LRT) - Airport to Plano Piloto (W3 South and North) connection. Location: Federal District
<b>LINK PPI</b>	N/A
<b>QUALIFICATION DATE</b>	-
<b>QUALIFICATION TYPE</b>	PRDCO 2024-2027 (3.1.P6)
<b>Investment Axis - PAC 2023</b>	Efficient and Sustainable Transportation
<b>OPERATIONAL MODALITY</b>	
<b>CAPEX</b>	
<b>IMPACT</b>	
<b>CAPACITY</b>	
<b>BENEFICIARIES</b>	1.8 million people
<b>ESTIMATED VALUE</b>	R\$ 3.200.000.000,00





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**NORTHEAST DEVELOPMENT  
SUPERINTENDENCY - SUDENE**

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## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	IMPACTA SEMIÁRIDO - AÇÕES VOLTADAS PARA A ESTÍMULO À BIOECONOMIA REGIONAL - IMPACTA SEMIÁRIDO - ACTIONS AIMED AT STIMULATING REGIONAL BIOECONOMY
DESCRIPTION	The Impacta Semiárido Network, with the strategic purpose of territorial development through socio-economic, environmental, and sustainable actions in the semi-arid region of Northeast Brazil. On one hand, the structuring of Local Productive Arrangements (LPAs) in the Bioeconomy, building technologies in partnership with national and international private entities, associated with the National Institute of Positive Science and Technology of the Health Industry 4.0, supported by CNPq/MCTI, focusing on the development of Health 4.0 solutions, namely: Green Active Pharmaceutical Ingredients (Green APIs), smart cosmetics, functional foods, and green agricultural defenses.
LOCATION	-
DIGITAL VERSION LINK (IF AVAILABLE)	N/A
INTERESTED SECTOR	Infrastructure
ESTIMATED VALUE	R\$ 200 million (network of biorefineries or biofactories in the States within Sudene's Area of Operation)
CONTRACTING METHOD	
INVESTMENT NATURE	
DURATION	10 years
IMPACT	Beneficiary population: 100,000

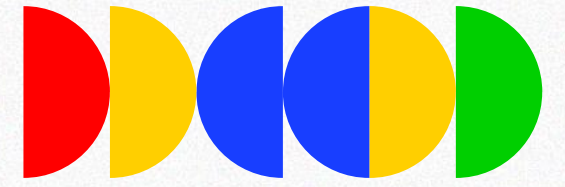
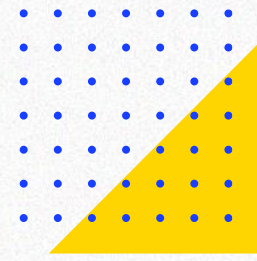


## PRIORITARY PROJECTS IN REGIONAL INTEGRATION AND DEVELOPMENT INITIATIVES



PROJECT TITLE	<b>IMPACTA SEMIÁRIDO - AÇÕES VOLTADAS PARA A ESTÍMULO À BIOECONOMIA REGIONAL - IMPACTA SEMIÁRIDO - ACTIONS AIMED AT STIMULATING REGIONAL BIOECONOMY</b>
DESCRIPTION	The Impacta Semiárido Network, with the strategic purpose of territorial development through socio-economic, environmental, and sustainable actions in the semi-arid region of Northeast Brazil. On one hand, the structuring of Local Productive Arrangements (LPAs) in the Bioeconomy, building technologies in partnership with national and international private entities, associated with the National Institute of Positive Science and Technology of the Health Industry 4.0, supported by CNPq/MCTI, focusing on the development of Health 4.0 solutions, namely: Green Active Pharmaceutical Ingredients (Green APIs), smart cosmetics, functional foods, and green agricultural defenses.
LOCATION	-
DIGITAL VERSION LINK (IF AVAILABLE)	N/A
INTERESTED SECTOR	Infrastructure
ESTIMATED VALUE	R\$ 200 million (network of biorefineries or biofactories in the States within Sudene's Area of Operation)
CONTRACTING METHOD	
INVESTMENT NATURE	
DURATION	10 years
IMPACT	Beneficiary population: 100,000





# Thank you!

FOR MORE INFORMATIONS



[Internacional@mdr.gov.br](mailto:Internacional@mdr.gov.br)

MINISTÉRIO DA  
INTEGRAÇÃO E DO  
DESENVOLVIMENTO  
REGIONAL

