

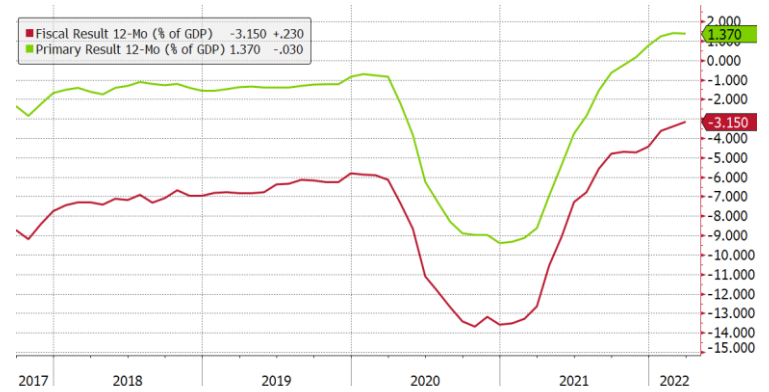
## BRAZIL: MACROECONOMIC MONITOR AND REFORM AGENDA

May 21, 2022

### Highlights

- **The Government launched the Zero Methane Program**, with measures to encourage the production and sustainable use of biomethane. The biomethane will enable the installation of green corridors for the supply of heavy vehicles, with an impact on the reduction of GHG emissions.
- **OECD approved the invitation to Brazil to join** the Capital Movements Liberalization Code and the Intangible Current Operations Liberalization Code. Brazil will be the first non-member country to join. Adherence to these two instruments is aligned with the elimination of barriers to international trade and investment flows and the better functioning of the capital market, contributing to the improvement of the competition and economic efficiency.
- **The Government launched the Recycling Credit Certificate – Recicla+**, aiming at private investments in recycling. It is estimated that it could boost around R\$ 14 billion in investments per year in the recycling sector.

### Fiscal Accounts Show Steady Improvement



Source: Central Bank of Brazil, Bloomberg

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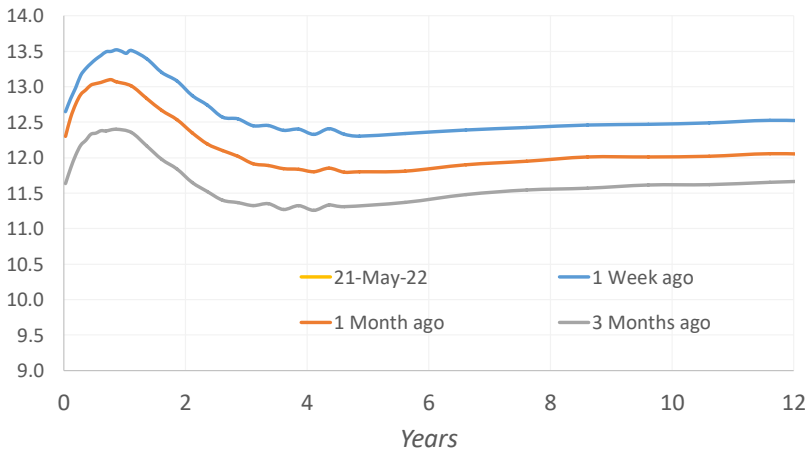
#### National System for the Reduction of GHG Emissions

	2016	2017	2018	2019	2020	2021	2022
GDP (% YoY)	-3.28	1.32	1.78	1.22	-3.88	4.62	0.70 (*)
Consumer Inflation IPCA (% YoY)	6.29	2.95	3.75	4.31	4.52	10.06	7.89 (*)
Current Account (USD bi)	-24.5	-22.0	-51.5	-65.0	-24.5	-27.9	-13.2 (*)
Foreign Investment in the Country (USD bi)	79.9	66.0	70.1	69.2	44.0	55.5	60.0 (*)
International Reserves (USD bi)	365	374	375	357	356	362	347 (26 Apr)
Unemployment rate (%)	12.2	11.9	11.7	11.1	14.2	11.10	-
General Government Gross Debt (% GDP)	69.8	73.7	75.3	74.4	88.6	80.3	81.0 (**)
Ibovespa Index (BRL, % chg.)	38.9	26.9	15.0	31.6	2.9	-11.9	3.5 (ytd)
CDS 5 years (year average)	293	165	208	108	151	222	223
Interest rate (Selic Target) (% eop)	13.75	7.50	6.50	4.50	2.00	9.25	13.25 (*)

Estimates: (\*) Focus Survey, Central Bank of Brazil, May. 20, 2022; (\*\*) Prisma Fiscal, Jan.2022

### MARKET WATCH

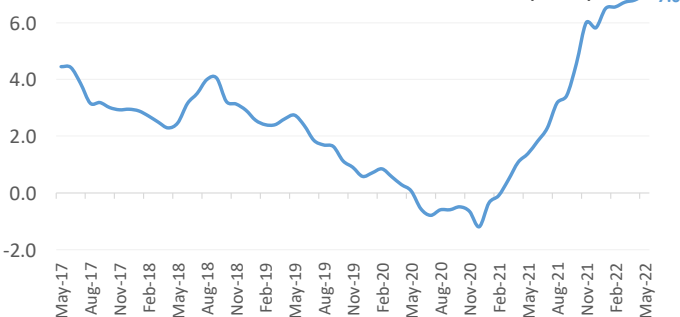
#### Yield Curve (CDI, YoY %)



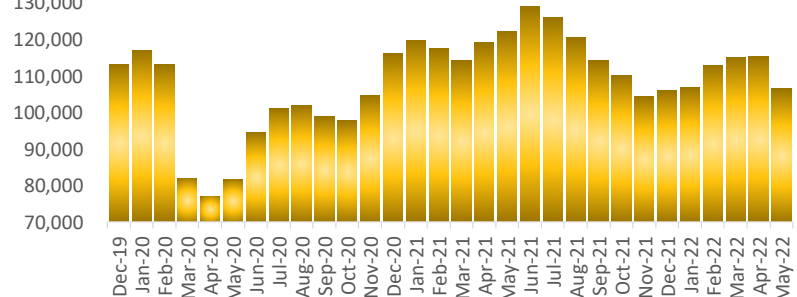
#### Brazil 5-year CDS (month average)



#### Real Interest Rate (YoY %)



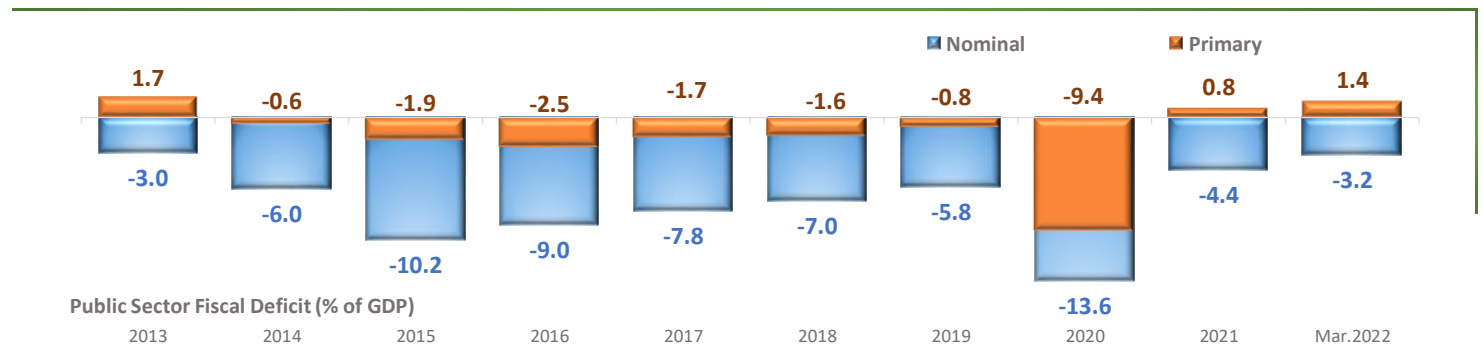
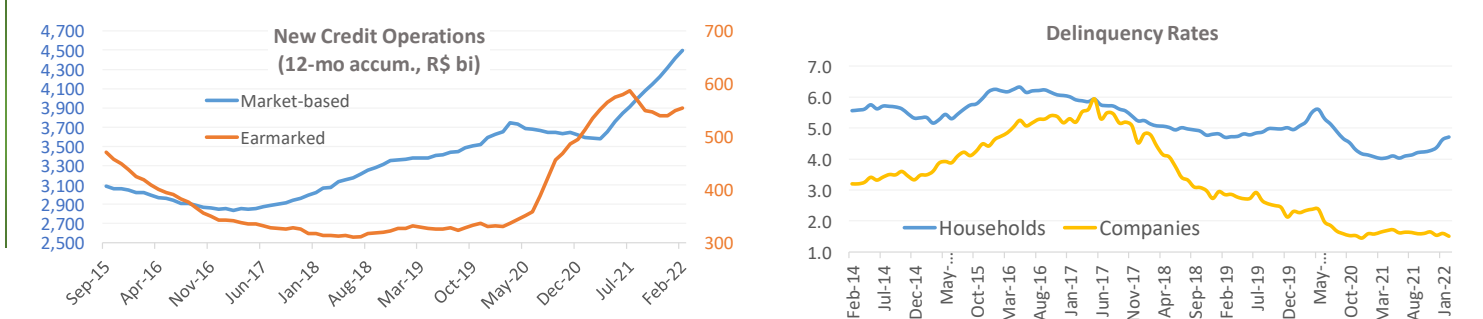
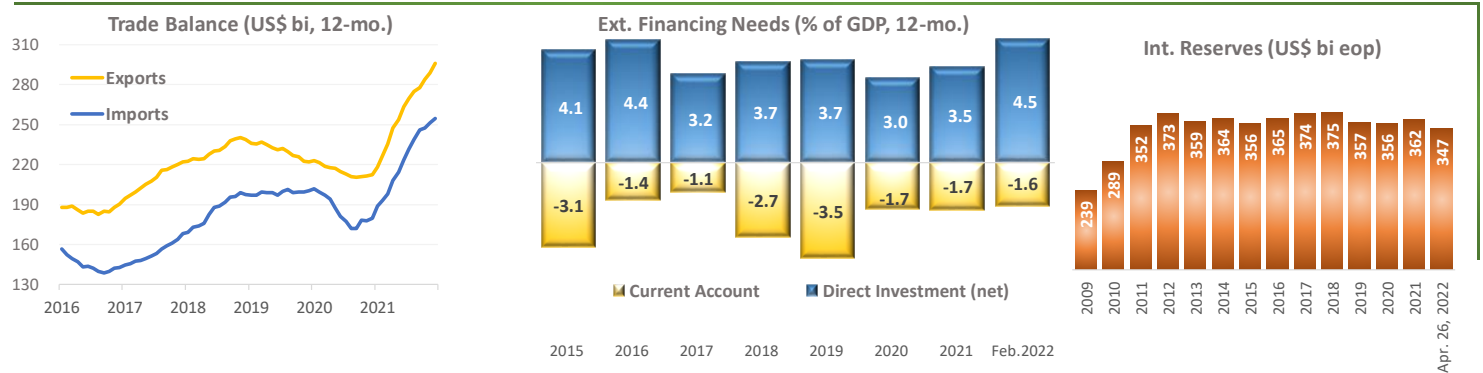
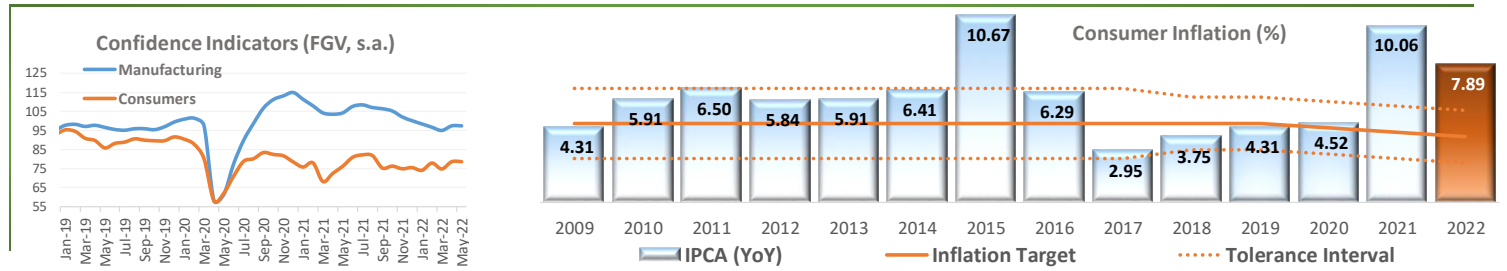
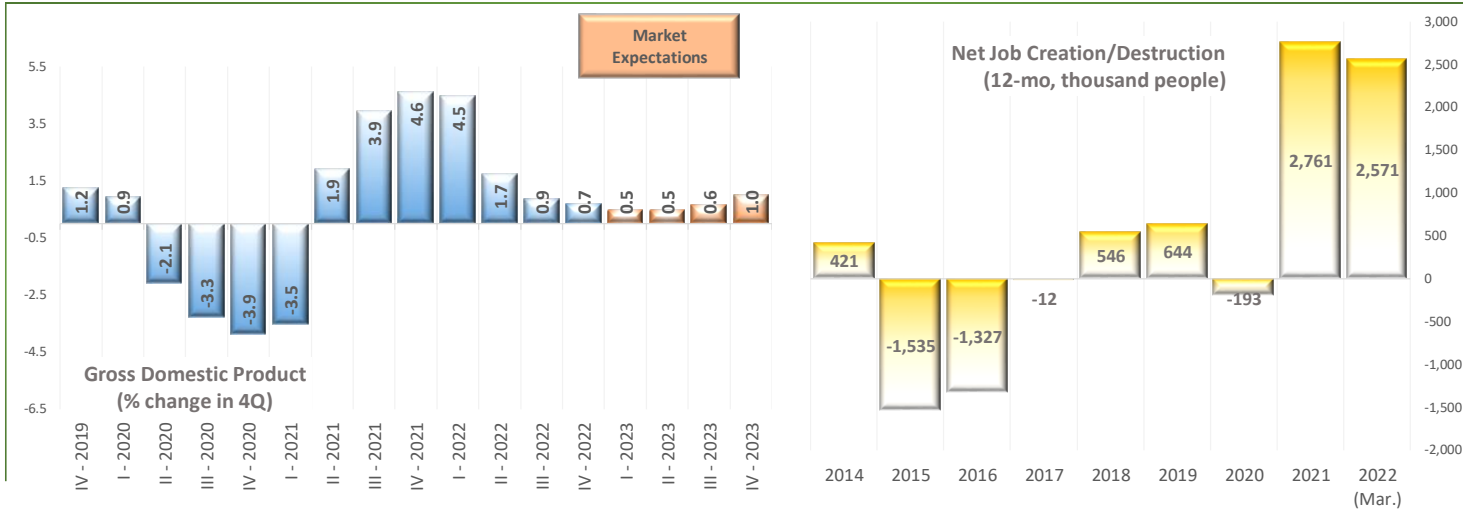
#### Ibovespa - Stock Exchange Index (month avg.)



Swap Pre x Di 360 days discounted of the IPCA Expectation for the next 12 months

Sources: BCB, Min. of the Economy, Bloomberg

## ECONOMY OUTLOOK





Fiscal consolidation and productivity increase are crucial inputs for Brazil to grow strongly and sustainably. The new government is going forward to put in place a set of reforms for speeding up growth and increasing potential output.

## Priority Agenda

Legislation	Title	What is the main change?	Relevance for the country's economy	Current Situation
PEC 45/2019	Tax reform	Simplify the tax system by streamlining taxation on the production and sale of goods and services.	Improvement of the tax system transparency, accessibility, and reduction of the cost of red tape on taxpayers and economic sectors.	Ready for Chamber of Deputies' Plenary Deliberation
PEC 32/2020	Administrative reform	Change provisions on civil servants, public employees, and administrative organizations.	Transformation of the Brazilian state to provide more efficiency to the services offered by the government to citizens.	Ready for Chamber of Deputies' Plenary Deliberation.
PL 6726/2016 (PL 2721/2021)	Wage ceiling	Regulate the wage limit for civil servants referred to in the Federal Constitution.	Reduction of public spending by curbing the payment of civil servants' wages above the established ceiling.	Substitutive Proposition approved by the Chamber of Deputies and submitted to the Federal Senate. Awaiting deliberation from the Senate's Constitution and Justice Committee.
PL 2633/2020	Land regularization	Establish criteria for land tenure regularization of federal buildings, including settlements.	Benefits 300 thousand families installed in federal lands for at least five years.	Approved by the Chamber of Deputies and submitted to the Federal Senate. Awaiting deliberation from Senate's Committees (CRA and CMA).
PL 191/2020	Mining on indigenous lands	Establish conditions for the exploitation of mineral resources, the extraction of hydrocarbons, and the use of water resources for the generation of electric energy in Indigenous Lands with compensation.	Make the use of these areas more flexible for economic exploitation, whether by agribusiness, mining, tourism, and water resources.	Awaiting creation of Temporary Committee by the Chamber of Deputies.
PL 3729/2004 (PL 21599/2021)	Environmental Licensing	Establishes clearer rules for the environmental licensing of federal public works, in addition to facilitating and guiding the regulation of the subject in the Brazilian subnational states.	Planned public works and activities will be implemented quickly, socially inclusive, and environmentally safe.	Approved by the Chamber of Deputies and submitted to the Federal Senate. Subject with the rapporteur.
PL 5518/2020	Forest concessions	Make the bidding process faster, more flexible contracts, and attractiveness to the business model of forestry concessions.	Offers a model of legal timber production with forest preservation and green jobs created.	Awaiting the report of the Finance and Taxation Committee.
PEC 187/2019	Public Funds PEC	Sets up a reserve of complementary law to create public funds and extinguish those that are not ratified by the end of the second financial year following the PEC.	Guarantee the Congress and the Executive branch more flexibility to allocate money in priority public policies.	Ready for deliberation by the Senate's Plenary.
PEC 188/2019	Federative Pact PEC	Gives more autonomy to states and municipalities through the deployment of resources and their allocations, increasing the accountability in caring for public accounts.	Decentralize, deindex and untie fiscal resources between the three spheres of government in Brazil based on a new federative compact.	Awaiting deliberation by the Senate's CCJ - Constitution, Justice and Citizenship Committee. Subject with the Rapporteur.
PL 2646/2020	Infrastructure debentures	Encourage the use of debentures to raise private funds for infrastructure projects in the telecommunications sector.	Increase of private participation in financing infrastructure projects in the country.	Approved by the Chamber of Deputies and awaiting deliberation at the Federal Senate
PLS 232/2016 (PL 414/2021)	Electricity sector modernization	Introduces changes in the format of energy auctions, in low-voltage consumer pricing, in their access to the Free Market, and others.	Implementation of a more efficient electricity sector, with positive impacts on the entire energy market with positive spillovers.	Approved by the Federal Senate and submitted to the Chamber of Deputies.
PL 3178/2019	Changes in oil sharing regime	Allows block auctions under the concession regime in the pre-salt area when contracting by the production-sharing regime is mandatory.	Implementation of a more suitable concession model for the country to contract new exploitation areas in the country.	Subject with the rapporteur.
PL 7063/2017	Concessions and PPPs	Amends Law no 11,079, of December 30, 2004, to reduce the minimum value of public-private partnership contracts (PPPs) signed by states, the Federal District, and municipalities.	Authorizes all federated entities to partner with the private sector in contracts above certain values, increasing the number of projects that can be partnered.	Approved by the Federal Senate and submitted to the Chamber of Deputies. Ready for Plenary Deliberation
PL 591/2021	Correios [The National Post Service]	The bill implies breaking the postal monopoly of Correios and opening the market to other companies.	Puts an end to the state's postal monopoly and provides dynamism to the sector.	Awaiting an appointment of the rapporteur.
PL 4188/2021	Legal Framework for Credit Guarantees	Establishes a legal framework for the use of guarantees for credit in the country.	Simplifies the use of credit guarantees, reduces financing costs, and increases competition.	Awaiting rapporteur at the Education Committee
PL 3887/2020	Social Contribution on Operations with Goods and Services (CBS)	Creates the Contribution on Goods and Services (CBS), with a rate of 12%, replacing the Social Integration Program (PIS) and the Contribution for Financing Social Security (Cofins).	The text is the first stage of the tax reform of the federal government.	Awaiting the constitution of a special commission.
PL 6539/2019	National Policy on Climate Change	Updates the National Policy on Climate Change (PNMC), established by Law 12,187, of 2009, adapting it to the Paris Agreement on Climate.	Establishes that Brazil will neutralize 100% of its emissions by the year 2050, in the form of the National Long-Term Strategy.	Awaiting the designation of rapporteur in the Mines and Energy Commission.
PL 528/2021 (PL 290/2020)	Carbon Market	Establishes the Brazilian Emission Reduction Market, which will regulate the country's purchase and sale of carbon credits. It follows a recommendation of the Kyoto Protocol.	The carbon credits will be linked to projects to reduce or remove GHG from the atmosphere. The regulation includes those who do not have mandatory targets but want to offset the environmental impact of their activities.	Ready to enter the Plenary voting agenda.
PL 2337/2021	Income tax	Changes the Income Tax for individuals, companies, and financial investments. Among the measures with the greatest impact is the updating individual Income Tax table, which readjusts the exemption range.	The second phase of tax reform.	Awaiting amendments.
PEC 110/2019	Tax on Transactions with Goods and Services	Restructures the entire tax system, extinguishes taxes, and creates the Tax on Operations with Goods and Services (IBS).	Without changing the tax burden, simplifies the current system. The efficiency of tax collection is improved, with less red tape. Allow for lower production and hiring costs; increased competitiveness, consumption and growth.	Awaiting deliberation by the Senate's CCJ - Constitution, Justice and Citizenship Committee.
PL 4847/2019	Resources for environmental inspection and reforestation actions	Provides for the destination of tools used in environmental violations, which can be destroyed, incorporated as a public asset, donated, sold, or auctioned.	Allows for withdrawing high-value equipment used by the environmental crime industry from circulation, disrupting the chain of criminal wood production, and promoting the economic strangulation the aforementioned groups.	Awaiting appointment of the rapporteur.



PPI Public-Private Partnerships

Source: PPI, www.ppi.gov.br/ppi-english

## Main deliveries 2019/2022

Updated on May 06

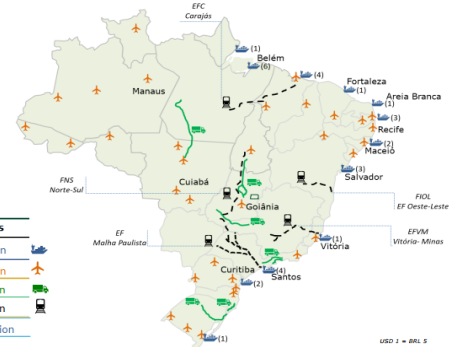
# 147 auctions/projects

Expected Investments	Concession fees
<b>USD 169.2 bi</b>	<b>USD 29.88 bi</b>

## Transportation projects

Assets auctioned/signed contracts (2019-2022)

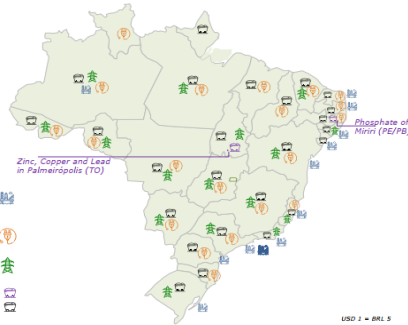
Transportation modes	Investments
Port terminals (35)	USD 1.2 billion
Airports (34)	USD 1.9 billion
Highways (6)	USD 7.5 billion
Railways (6)	USD 6.7 billion
<b>Total (81)</b>	<b>USD 17.3 billion</b>



## Energy, Mining and Oil & Gas projects

Assets auctioned/signed contracts (2019-2022)

Sectors	Investments
Oil and gas (10)	USD 124.74 billion
Sharing Agreement	USD 86.59 billion
6th sharing round	USD 29.34 billion
16th and 17th concessions round	USD 8.4 billion
Open Acreage - 3 auctions	USD 177.4 million
Energy - Generation (9)	USD 5.3 billion
Energy - Transmission (4)	USD 3.16 billion
Mining	
• CRPM (2)	USD 89.2 million
• ANM (5)	USD 133.4 billion
<b>Total (30)</b>	<b>USD 133.4 billion</b>



## Other projects

Assets auctioned/signed contracts (2019-2022)

Sector	Investments
ICT - 5G (1)	USD 8.42 billion
Sanitation (9)	USD 8.38 billion
Public lighting (15)	USD 394 million
MSW projects (1)	USD 220 million
Parks for visitation (4)	USD 960 million
Fishery terminal (4)	USD 117,8 million
<b>Total (34)</b>	<b>USD 18.5 billion</b>



## PPI next auctions - 2022

Updated on May 06

### Airports (17)

- 15 Airports in 3 Blocks - 7th Round**
  - Block SP-MG-MS-PA (11): Congonhas/SP, Uberlândia/MG, Montes Claros/MG, Uberaba/MG, Campo Grande/MS, Corumbá/MS, Ponta Porã/MS, Santarém/PA, Marabá/PA, Carajás/PA and Altamira/PA
  - North Block II (2): Belém/PA and Macapá/AP
  - General aviation Block RJ-SP (2): Campo de Marte/SP and Jacarepaguá/RJ
- 2 Airports (Rebidding)**
  - Viracopos/Campinas (SP)
  - São Gonçalo do Amarante (Natal/RN)

### Ports (14)

- 4 Port Terminals in Paranaguá/PR
- Port of Itajaí/SC
- Port of São Sebastião/SP
- 1 Port Terminal in Rio de Janeiro/RJ
- 1 Port Terminal in Mucuri/CE
- 2 Port Terminal in Maceió/AL
- 1 Port Terminal in São Francisco do Sul/SC
- 1 Port Terminal in Rio Grande/RS
- 1 Port terminal in Porto Alegre/RS

### Highways (5):

- BR-116/493/RJ/MG - Rio Valadares **May/20**
- BR-381/262/MG/ES
- Integrated highways of PR (3 lots)

### Railways (2)

- Railway Paraná Oeste S.A. - New Ferroeste
- Contract renewal - MRS railway

### Mining rights (9)

- 6<sup>th</sup> to 9<sup>th</sup> rounds of ANM available areas
- Copper - Bom Jardim de Goiás/GO
- Limestone - Aveiro/PA
- Diamonds - Santo Inácio/BA
- Gypsum - Rio Cupari/PA
- Kaolinite - Rio Capim/PA

### Electric Power (2)

- auctions of power transmission lines **June/30 (1)**

### Oil and Gas (1)

- 1<sup>st</sup> ANP cycle of the Open Acreage Sharing Agreement

### Regional Development (2)

- Irrigation Project in Irecê/BA **June/1st**
- Irrigation Project in the Vale do Jequitai

### Security (1)

- Federal Highway Police Impoundment Services

### Supply (1)

- CONAB Warehouses and assets

### Privatizations (7)

- Eletrobras
- ABGF
- CBTU/MG + line 2 of BH metro
- Trensurb
- EMGEA
- Cesasaminas
- Nuclep

### Parks and Forests (16)

- Forest of Humaitá/AM
- Forest of Castanho/AM
- National Forest of Jatuarana/AM
- National Forest of Pau Rosa/AM
- National Forest of Três Barras/SC
- National Forest of Chapecó/SC
- National Forest of Irati/PR
- National Forest of Brasília/DF
- National Park of Chapada dos Guimarães/MT
- Lençóis Maranhenses/MA
- National Park of Jericoacoara/CE
- National Park of Brasília/DF
- National Park of Serra dos Órgãos/RJ
- National Park of Serra da Bodoquena/MS
- National Park of Jaú/AM
- National Park of Anavilhanas/AM

### Fishery Terminals (4)

- Santos (SP)
- Natal (RN)
- Cananéia (SP)
- Aracaju (SE)

## PPI next auctions - 2022

### PPI Projects to Support States and Municipalities (20)

- Daycare units PPP:** 20 new units in the Municipality of Teresina/PI
- 2 Prisional units PPP:** Municipality of Blumenau/SC; Municipality of Erechim/RS
- 1 Correctional facilities PPPs:** State of Santa Catarina
- 2 Wastewater projects:** State of Ceará and Municipality of Volta Redonda/RJ;
- 1 Health:** New Municipal Children and Adolescents Hospital of Guarulhos/SP
- 3 MSW projects:** Consortia Comares/CE, Municipality of Bauru/SP and Municipality of Teresina/PI
- 10 Public Lighting:**
  - Corumbá/MS
  - Crato/CE
  - Valparaíso de Goiás/GO
  - Camaçari/BA
  - Nova Iguaçu/RJ
  - Barreiras/BA
  - Nova Lima/MG
  - Colatina/ES
  - Ariquemes/RO
  - Curitiba/PR **June, 26**

### Environmental license (7)

- Prior License for the Dredging of Pedral do Lourenço/PA
- Installation License for Highway BR-080/MT
- Installation License for the Highway BR-158/MT belt
- Prior License of Highway BR-319/AM/RO
- Decision on unlocking the BR-135/BA/MG
- Prior License for BR-242/MT (Section between Querência and Santiago do Norte)
- Installation license of highway BR 135/MG (Manga/MG - Itacarambi/MG)

108 assets

USD 41 Billions of investments



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### NATIONAL SYSTEM FOR THE REDUCTION OF GREENHOUSE GAS EMISSIONS

- ✓ Decree No. 11,075, of May 19, 2022, establishes the procedures for the preparation of Sectorial Climate Change Mitigation Plans and creates the National System for the Reduction of Greenhouse Gas Emissions.
- ✓ In other words, the measure creates the most modern and innovative regulated carbon market, with a focus on exporting credits, especially for countries and companies that need to offset emissions to meet their carbon neutrality commitments.
- ✓ The regulation brings new elements, such as the concepts of carbon credit and methane credit, carbon stock units and the system of national registration of emissions and emission reductions and credit transactions.
- ✓ It also provides for the additional possibility of recording the carbon footprint of products, processes and activities, carbon from native vegetation and carbon in the soil, covering rural producers and the more than 280 million hectares of protected native forest, in addition to blue carbon, present in marine, coastal and river areas, including mangroves.
- ✓ An important factor in the regulated market is the possibility of generating extraordinary income for projects that promote the green economy, while allowing the development of regions that are not yet industrialized.
- ✓ The initiative is in line with the regulation expectation regarding the future global carbon market, provided for in Article 6 of the Climate Agreement.

### REFORMS CARRIED OUT SINCE 2019

