

MINISTRY OF MINES AND ENERGY

Management Concepts



Governance

Predictability

Dialogue

Legal
Certainty

Brazilian Market Figures



Mining 2.4% GDP in 2019

Mining 9th largest mineral production and 2nd largest iron ore production



4.2% GDP

Oil 7th largest producer and 7th largest exporter



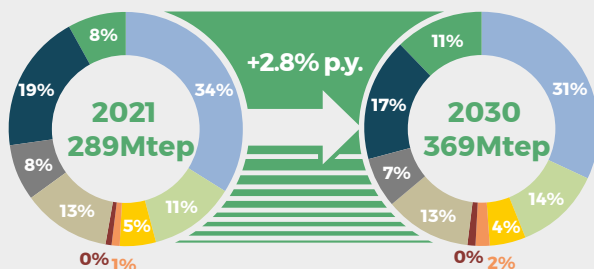
Fuels 4th largest consumer market for automobiles



3% GDP

Power 7th installed capacity and 2nd largest hydro producer

Energy Supply Matrix



Highlights 2021

- ✓ Eletrobras Capitalization
- ✓ Modernization of Power Sector
- ✓ GSF (Generation Scaling Factor) sorted out
- ✓ "Covid Account" - financial operation to mitigate cash problems experienced by energy distributors during the pandemic
- ✓ RenovaBio implemented
- ✓ Abastece Brasil Program: Increasing downstream competition
- ✓ New Gas Law approved. New Gas Market in progress
- ✓ Mining and Development Program launched
- ✓ Tailings dam inspection program implemented
- ✓ Investment opportunities in refining and logistics



UPCOMING INVESTMENT OPPORTUNITIES

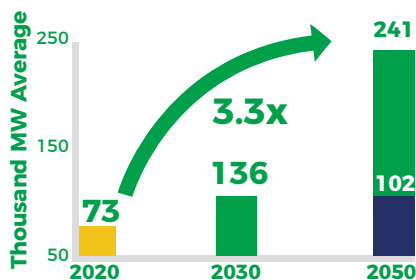
Power Sector

2030

- +27% installed capacity
- USD 37 Bi in centralized generation
- USD 19 Bi in distributed generation
- USD 18 Bi in transmission lines.

2050

Electricity Consumption expected to increase



Auction schedule available at: www.aneel.gov.br

Oil, Natural Gas and Biofuels Sectors 2030

- Expected investments: USD 425 Bi in E&P + USD 19 Bi in natural gas + USD 14 Bi in biofuels
- REATE: onshore revitalization and marginal accumulations
- New Gas Market in progress
- Renovabio: the world's largest program to reduce emissions in transports
- PROMAR Program
- Reduced uncertainties on ToRs
- Open Acreage: onshore opportunities for businesses of any size
- 7 refineries will be sold: 0.77 Million bpd of refining capacity



Auction schedule available at: www.gov.br/anp

Mining Sector

- Amount of investments expected in 2020-2025: USD 39.5 Billion
- Pro Strategic Minerals
- Mining and Development Program launched
- Miriri held on 10th of June, with successful bidder;
- Bom Jardim on 10th of June, with no offer
- Diversity in minerals: gold, kaolin, copper, phosphate, niobium, lithium among others.
- Improvements in the outflow infrastructure.
- Strong international approach.



Auction schedule available at: www.gov.br/anm www.cprm.gov.br



PPI Qualified Project
Exchange Rates: USD 1.00 = R\$5,00



MINISTRY OF
MINES AND ENERGY

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