

BRAZILIAN ELECTRICITY REGULATORY AGENCY

INVESTMENTS FOR ELECTRICITY INFRASTRUCTURE IN BRAZIL Challenges for the Regulator

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Paris, 10th April 2018



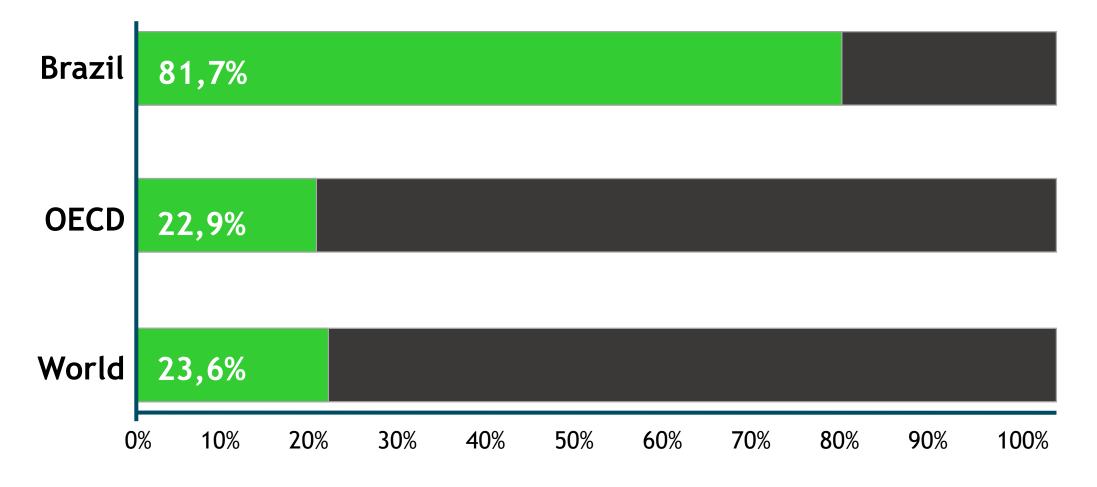
BRAZIL SUMMARY

Territorial area 8.515 million km² Total population - 2017 208 million inhabitants Population annual growth 1.200.000/year Monthly new residential consumers 125.000

AVERAGE ENERGY CONSUMPTION GROWTH
ANNUAL RATE 4%



Renewables in Electricity Production



Source: EPE/MME with data from IEA.



THE CHALLENGE







COMPETITIVE PRICES



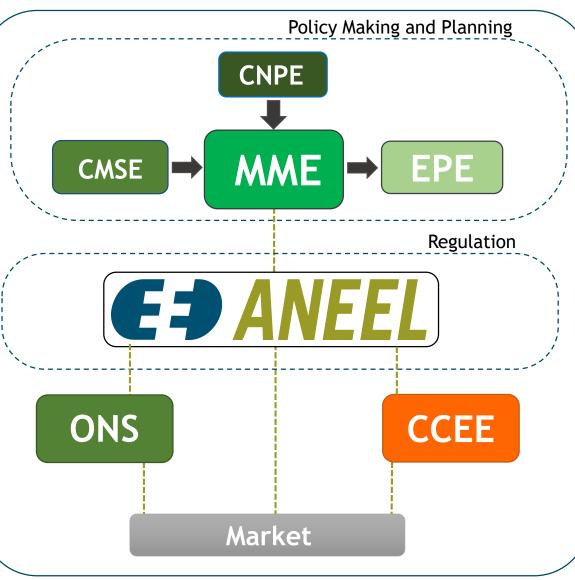
CLEAN ENERGY MIX



INSTITUTIONAL STRUCTURE

CNPE National Council for Energy Policy CMSE Power Sector Monitoring Comitee

ONS Independent System Operator



MME Ministry of Mines and Energy

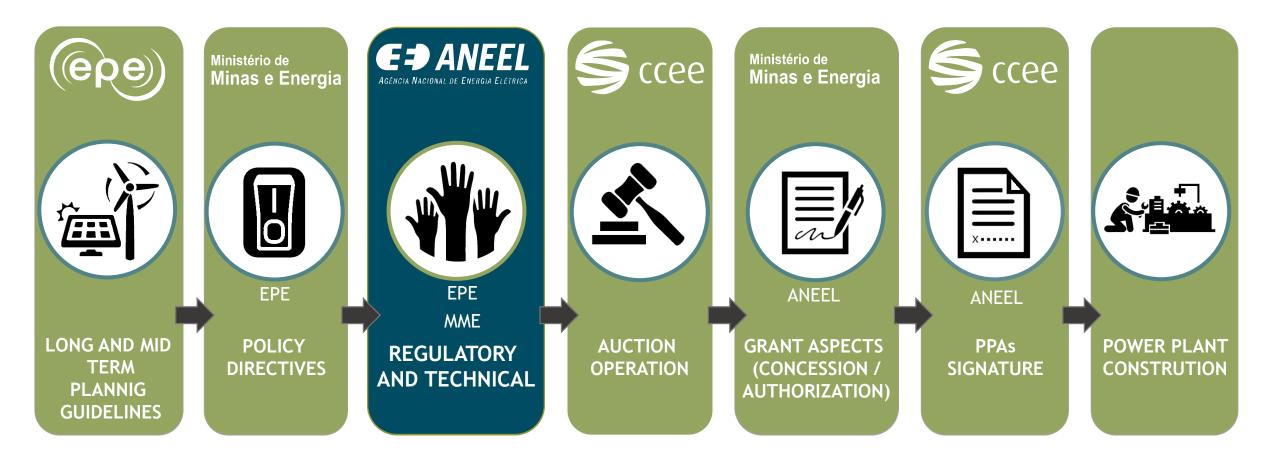
EPE Energy Research Office

ANEEL Brazilian Electricity Regulatory Agency

CCEE Brazilian Market Operator



AUCTION PROCESS

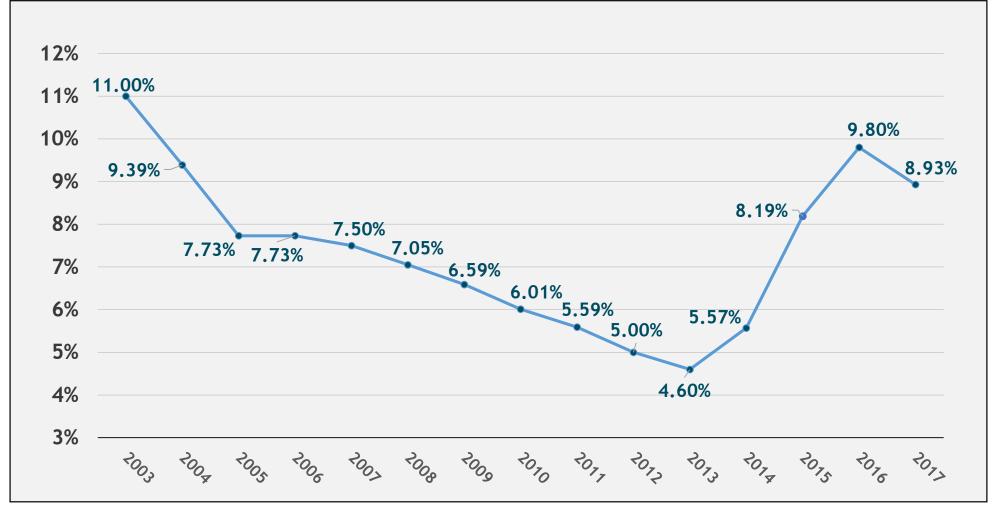


What is the role of the regulator?

Perceived Risk



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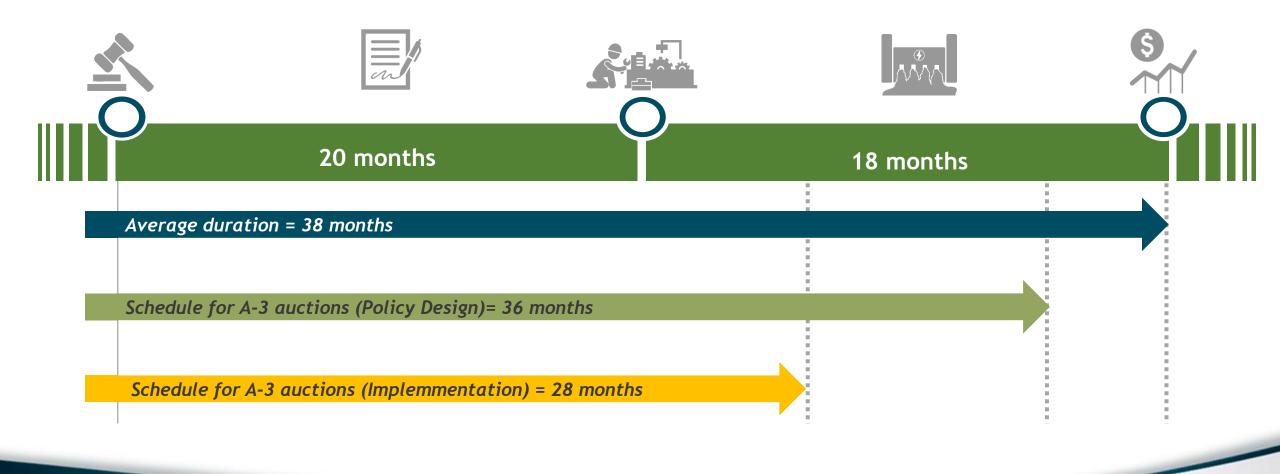


Example: Construction delay on wind power plants

A STREET STRE

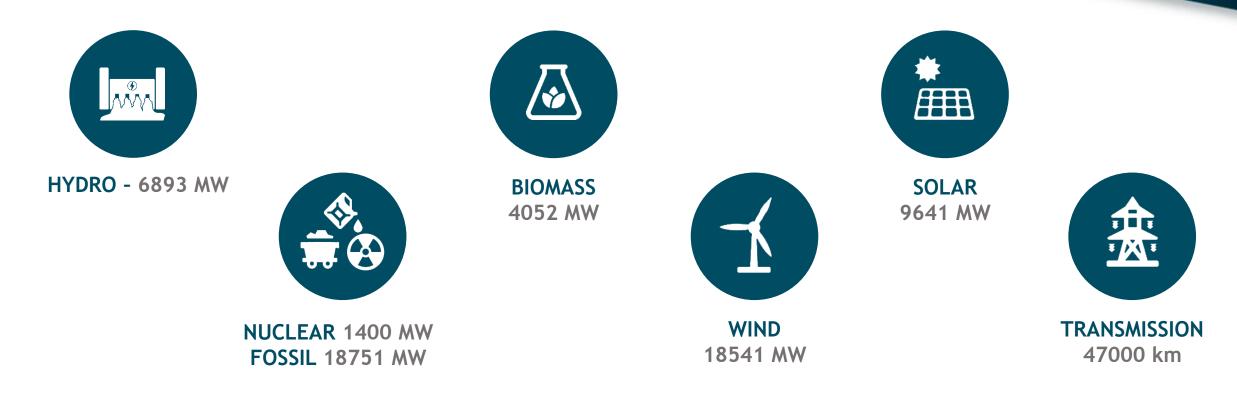


How can we deal with it?





Investments for the next 10 years



Estimated Investments - 2017 ~2026	
Generation	R\$ 242 bi
Transmission	R\$ 119 bi

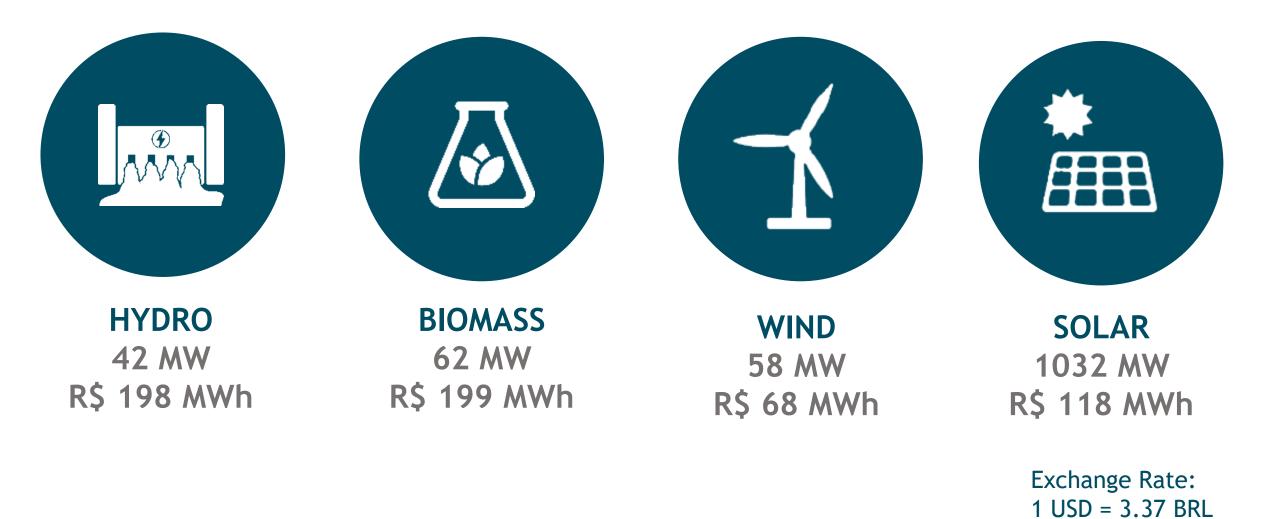
Exchange Rate: 1 USD = 3.37 BRL 1 EUR = 4.14 BRL

Source: MME/EPE - PDE2026



1 EUR = 4.14 BRL

Results from our last auction



Source: CCEE - Leilão 001/2018

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Thank You!

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