Nuclear Energy in the National Energy Plan 2050

Ministry of Mines and Energy

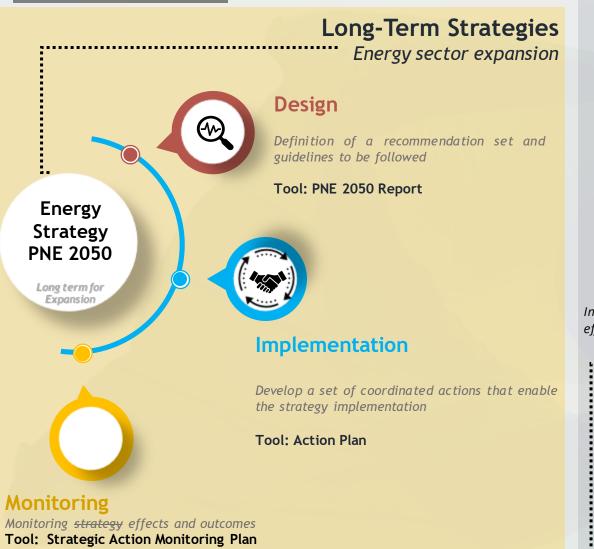
Economic Advice

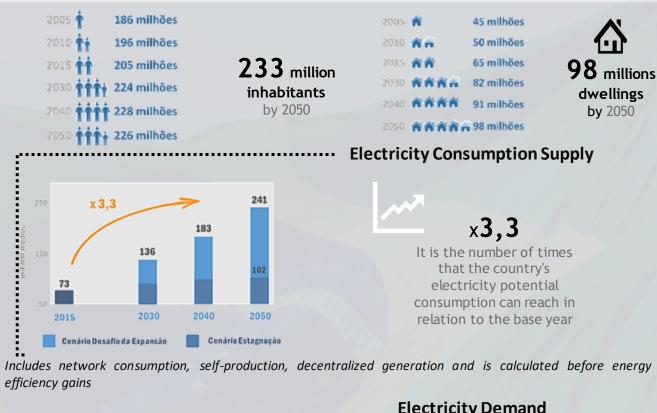
MINISTÉRIO DE MINAS E ENERGIA



Brasília, November 2020

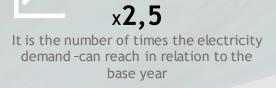
Long-Term Strategies







Electricity Demand





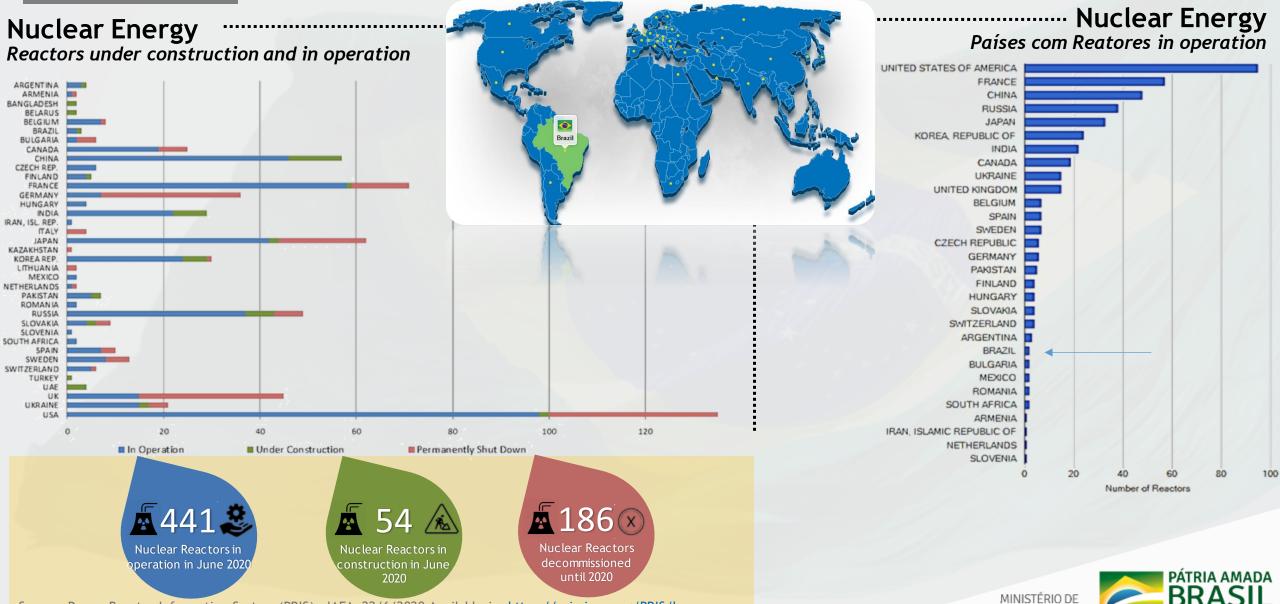
by 2050

MINISTÉRIO DE MINAS E ENERGIA



Source: PNE 2050

Nuclear Energy - World Overview 2020



MINAS E ENERGIA

Source: Power Reactor Information System (PRIS) - IAEA. 22/6/2020 Available in: https://pris.iaea.org/PRIS/home.aspx

Nuclear Energy - Brazilian Nuclear Policy (PNB)





Submarino Nuclear Brasileiro







Challenge For New Projects \checkmark Project financing to a government monopoly;

 \checkmark Less dependence on the State to make it viable;

- \checkmark Adequate financial equation risk and return;
- \checkmark Potential Gains from synergies;

- \checkmark Competitive cost energy source according to its characteristic;
 - ✓ tax isonomy
 - ✓ sector charges isonomy

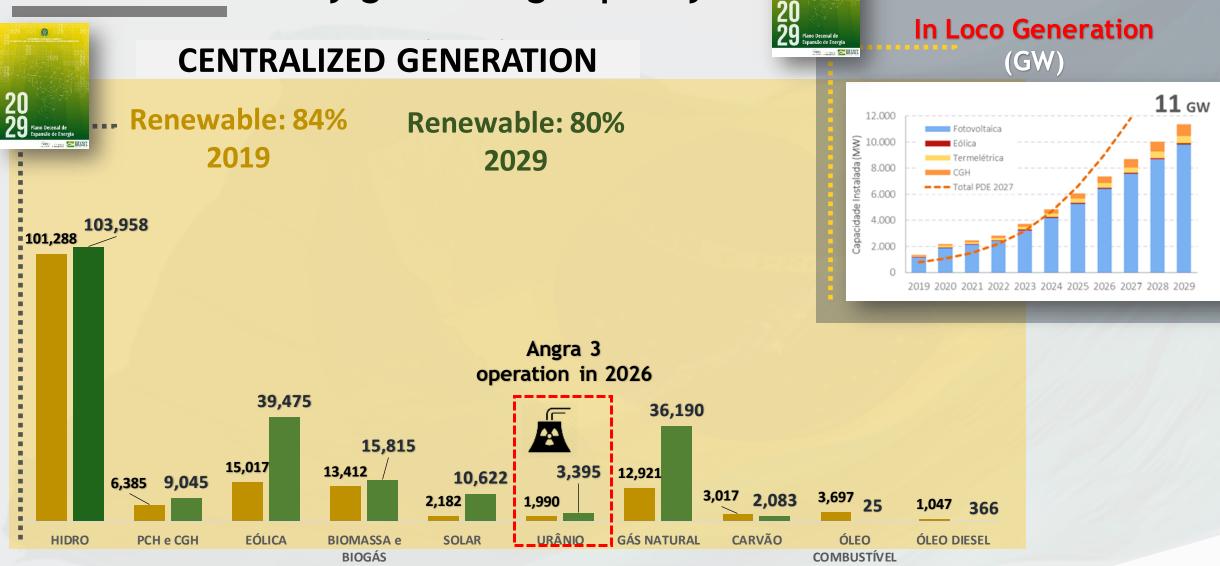
Source: PNE 2050

How to be competitive in a deregulated market?



Department of Energy Planning and Development

Installed electricity generating Capacity



0



Thank You!



Economic Advice Ministry of Mines and Energy assessoria.economica@mme.gov.br MINISTÉRIO DE MINAS E ENERGIA

