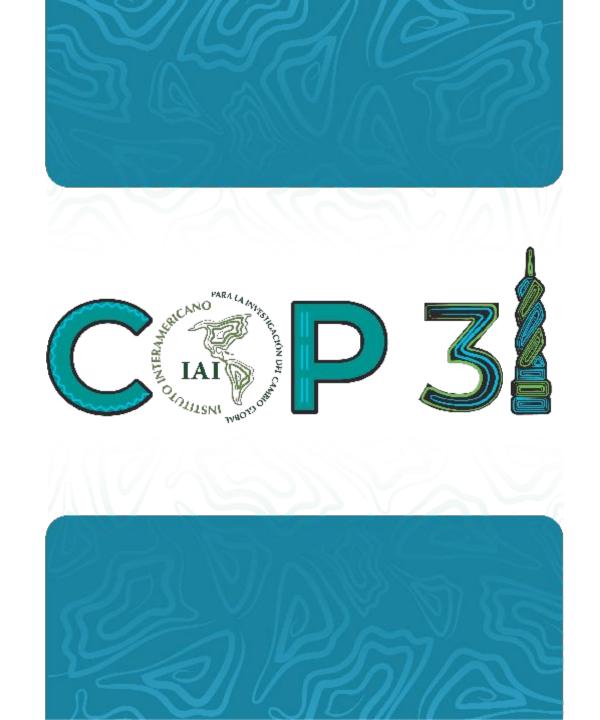


PANAMÁ 21-22 JUNIO 2023



Global Change Science Policy Advances and **Priorities: Updates from**

Carlos Matsumoto

Ministry of Science, Technology and Innovation, Brazil

Orçamento da pesquisa científica perdeu mais de R\$ 80 bilhões nos últimos sete anos

Ministério da Ciência e Tecnologia afirma que o bloqueio deste ano é temporário e será revertido até o fim do exercício







02/06/2022 - 17:13



Bloqueio de recursos de fundo da ciência deve prejudicar mais de 70 projetos, dizem entidades

Em carta, instituições pedem que Rodrigo Pacheco devolva a MP ao Executivo

Por Paula Ferreira

30/08/2022 15h31 · Atualizado





Q

ambiente > planeta em transe amazônia sob bolsonaro

Bolsonaro critica diretor do Inpe por dados sobre desmatamento que 'prejudicam' nome do Brasil

O presidente afirma que dados não condizem com a realidade





Correio Braziliense (2) (7) (2) (6)











COVID-19

Bolsonaro sobre covid-19: melhor vacina que pode ter é a própria contaminação

"Para que eu vou tomar vacina se já peguei covid?", respondeu o presidente, ao ser questionado se mantém a decisão de não se munizar contra o coronavírus

A new context for STI in Brazil

In the first four months of the new Administration:

- After ten years, the values of grants to researchers were increased (average of 40%)
- 2) Unblocked the main national fund of Science, Technology and Innovation (extra 2 billion dollars this year)
- Reduction of the interest rates to innovative companies (from 8% to 2% annually)
- 4) New 814 vacancies for researchers and STI personel in national labs

To tackle the global and national challenges

Main challenges in Brazil

- A. Reduction of inequalities, end poverty and hunger
- B. Economy's decarbonization (Climate Change, Biodiversity loss, Implementation of Bioeconomy Amazon)
- C. Energy transition (keep the energy and electrical matrix clean/renewable + Green and blue Hydrogen, biomass, 2nd Generation ethanol, solar power, wind power, etc.)
- D. Digital transformation (semiconductors, Artificial Intelligence, Quantum Technologies and formation of human resources for the FoW)
- E. Health and biotechnology sovereignty



Axis for the National Strategy of STI

4 main axis:

- 1) Recovery, expansion and consolidation of the STI National System (Research Infrastructure, formation and training, attraction and fixation of HR, coordination of players, reduction of regional inequalities, legal frameworks)
- 2) Reindustrialization on new basis and support to innovation in the productive sector (increase number of innovative companies, science parks, incubators, startups, funding innovation, integration universities-companies, industrial-technological complexes)

Axis for the National Strategy of STI

- 4 main axis:
- 3) STI for national strategic programs and projects (nuclear, space, defense, health, energy, food, minerals, ICT, Amazon); and
- 4) STI for social development (science popularization/diffusion, digital inclusion, local development, nutrition and food security,)



A Mission Oriented Approach

Programs:

Research Infrastructures

Reindustrialization

Digital Transformation

Amazon

Repatriation of national talents

Evidence based policies

Recovery and preservation of Cultural and Science Collections

Space

Nuclear

Food Security



A new global context: competition &

Apperation demic world Major geopolitical conflicts



Fragility of the global production and supply chains
Increasing disputes for the technological domain
Competition based in national interests /
Reindustrialization

Global challenges:

- Climate-related extreme events
- Water scarcity
- Air pollution
- Health emergencies
- Food security



- Do not recognize geopolitical borders
- Only be solved through international cooperation in STI.



A ciência voltou ao Brasil, e o Brasil voltou ao mundo

Lula confere à cooperação científica status especial na política externa do seu governo

Por Luciana Santos

10/05/2023 00h02 · Atualizado há um mês











