PUBLIC FUNDING FOR THE BRAZILIAN SPACE SECTOR

Osório Coelho
Director of Innovation Programs
## ST&I Structure in Brazil

### Political

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<td>Regulatory Agencies</td>
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<td>INCUBATORS, ACCELERATORS</td>
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### Other

- CNPq (National Council for Scientific and Technological Development)
- CAPES (Coordination for Improvement of Higher Level Personnel)
- FAPs (Fellowships for Advanced Training)
- BNDES (Brazilian Development Bank)
- EMBRAPPI (Brazilian Research and Development Agency)
- RNP (National Research Network)
- INPI (National Institute of Industrial Property)
- CGEE (Brazilian Association of Economic and Social Institutes)
- IPEA (Brazilian Institute for Applied Economics)
- ABDI (Brazilian Association of Research and Development Institutions)
- IBICT (Brazilian Institute of Innovation and Technology)
- INMETRO (Brazilian Institute of Metrology, Normalization and Industrial Quality)
- NITs (Brazilian Innovation and Technology Network)
- Support Foundations
Instruments to Drive Innovation

Timeline

Financial instrument designed to integrate science and technology with national development policy.

FNDCT

*Decree-Law nº 719*

1969

Encourages research, innovation and collaboration between both the public and private sectors.

MLCTI

*Lei nº 13.243*

2016

Establishes tax incentives for legal entities operating under specific tax regimes and undertaking technological research and innovation development activities.

*Good Law*

2005

*Complementary Law nº 182*

Legal framework for Startups

Simplifies the creation and operation of startups, stimulates investments and promotes legal security, fostering innovative entrepreneurship.

2021
The FNDCT offers financial resources to research institutions, universities and companies seeking to undertake research and technological development projects across a wide range of knowledge domains.
FUNDED PROJECTS 2023-2024

BRAZILIAN MICRO LAUNCHER – MLBR

• Small launch vehicle for launching nano and/or microsatellites

• Support from FINEP in the amount of R$ 189.999.780,00.

• Federal government partnership with private companies.

• Expected completion by 2026.
FUNDED PROJECTS 2023-2024

SMALL, VERY HIGH-RESOLUTION SATELLITE PROJECT, WITH DATA COLLECTION AND FUSION SYSTEM

• Support from FINEP in the amount of R$ 219,975,859,35.

• Government partnership federated with private companies.

• Expected completion for 2026.
FUNDED PROJECTS 2013-2022

• Bingo Radiotelescope (BAO from Integrated Neutral Gas Observations)

• EQUARS Mission Ionospheric Sensors

• SelenITA

• L25 Liquid Propellant Rocket Engine - Phase 1

• Development of Niobium Space Thrusters

• ITASAT 2
FINEP/FNDCT INVESTMENTS PER PERIOD

INVESTMENT IN R$ MILLION
WHAT IS THE GOOD LAW (Lei do Bem)?

Law No. 11,196/2005 establishes tax incentives for legal entities that operate under the Real Profit regime and that carry out technological research and innovation development activities.

Its objective is to stimulate private investments in R, D&I for the design of new products, new functionalities, characteristics or processes that generate incremental improvements and effective quality gains.
Instruments to Promote Innovation

The Good Law

Investments - R$ billion

- 2014: 9.25
- 2015: 8.9
- 2016: 8.73
- 2017: 9.8
- 2018: 12.37
- 2019: 15.37
- 2020: 17.4
- 2021: 27.19
- 2022: 35.1

Tax Exemption - R$ billion

- 2014: 1.92
- 2015: 1.71
- 2016: 1.73
- 2017: 2.1
- 2018: 2.73
- 2019: 3.58
- 2020: 3.87
- 2021: 5.86

24.12% increase over the years
19.07% increase over the years
COMMERCIALLY COMPETITIVE NANOSATELLITE LAUNCH VEHICLE DEVELOPMENT PROGRAM

• Support from FINEP in the amount of R$180,461,174,08.
• Federal government partnership with private companies.
• Financed by the Good Law
• Expected completion by 2025.
SelenITA Project

• MCTI and the Brazilian Air Force signed a memorandum of understanding (MoU) on November 24, 2022, with the aim of joining efforts and undertaking mutual cooperation in joint institutional actions. The protocol, in support of the Artemis program, develops the SelenITA project, which proposes the development, integration, testing, and operation of a Class 12U nanosatellite in lunar orbit at 100 km altitude and high inclination. This satellite will monitor in situ the magnetosphere of the Earth/Moon system and investigate the geophysics of the Moon, specifically the Lunar Magnetic Anomalies.

• Support from FINEP in the amount of R$39,620,000.00.
Thank You!

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www.gov.br/mcti