MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E INOVAÇÃO

CCT CONSELHO NACIONAL DE CIÊNCIA E TECNOLOGIA

GOVERNO FEDERAL BRASIL UNIÃO E RECONSTRUÇÃO

Meeting of the Plenary of the

National Council of Science and Technology

July 29, 2024

AI for the Good of All

Brazilian Plan of Artificial 2024-2028

Introduction

Transforming the lives of Brazilians through sustainable and inclusive innovations based on Artificial intelligence.

Equipping Brazil with infrastructure advanced technology with high processing capacity, including one of the five most powerful supercomputers of the world, powered by renewable energies.

Develop models advanced language skills in Portuguese, with data national initiatives that encompass our cultural, social and linguistic diversity, to strengthen the sovereignty in AI.

Train, qualify and reskill people in AI at scale to value the worker and meet the high demand for professionals qualified.

Promote Brazil's global leadership in AI through national technological development and strategic collaboration actions International.

The PBIA was developed through a highly participatory and inclusive process:

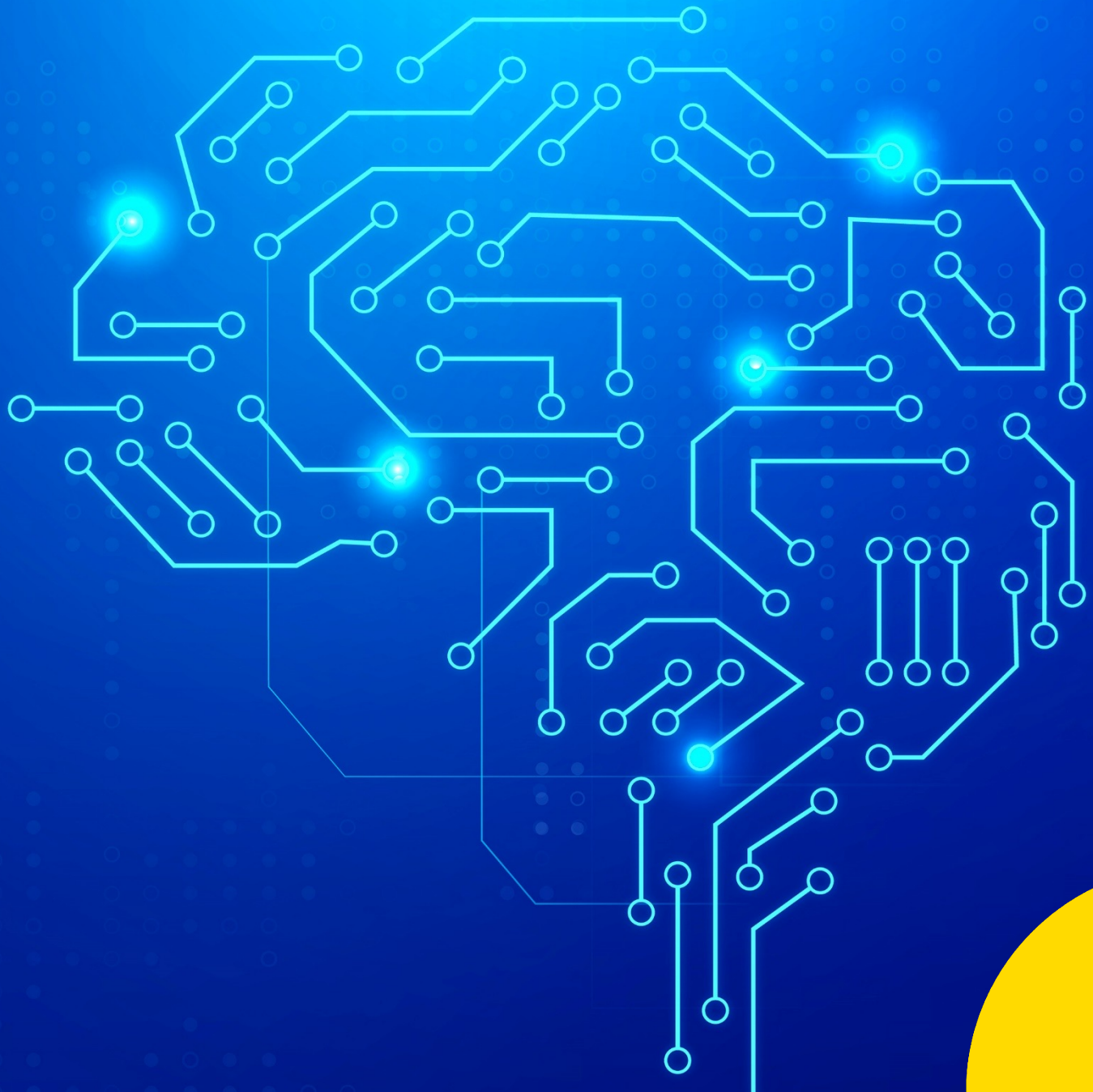
- Two CCT working meetings
- 38 documents received from the CCT with more than 300 proposals
- 300 participants in 6 workshops held with CCT members, experts, public IT institutions, private sector, civil society, federal government, and regulatory and control bodies

- 6 workshop summary documents
- 117 public, private and civil society institutions represented More
- than 30 bilateral meetings with public and private institutions

Structure

For the purposes of this Plan, Artificial Intelligence (AI) is defined as systems that produce results from a large volume of data, allowing a learning process that makes predictions, classifications,

recommendations or generates decisions that may influence physical and virtual environments.



The Context of Artificial Intelligence in the World and in Brazil

Effects on critical spheres

Education and work

Environment and sustainability

Information integrity

National Sovereignty

USA

R$ 63 billionof public investments in AI R&D (2021-2024). Investments private estimated at **R$ 380 billion**in 2023.

China

R$ 306 billionof investments in data centers in 2024. Private investments were estimated at **R$ 39 billion**in 2023.

Germany

R$ 29 billion in 7 years to invest in 12 fields of actions of strategy of AI.

France

R$ 14 billion by 2030 to develop infrastructure, establish ecosystem research and expand competitiveness industrial in AI.

Italy

R$ 6 billion in 5 years to support startups and provide access to infrastructure of supercomputing of AI.

United Kingdom

R$ 18 billion in 10 years to infrastructure of search, development of skills and creation from the AI Safety Institute.

European Union

R$ 16 billion (2024-2027) for to establish “AI Factories” and Fostering Application of AI in industrial and social sectors.

Opportunities:

you:

air investments
infrastructure, R&D
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perability and the
data complexion

to promote the training and
promotion of talents

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take away rights and
over the innovation

Examples of initiatives to apply and develop AI tools by companies (1)

Initiative	Company/ Institution	Area	Description
ApoIA Startups - Education	OpenAI and Foundation Lemann	Education	Support for education startups in Brazil, with incentives for the creation of AI educational solutions
Libras Project	Lenovo	Social Development	AI tool for digital inclusion for hearing impaired
ChatGPT4 on the Ships Knowledge	OpenAI and Rio City Hall	Social Development	Affordable AI in low-income communities in Rio
Combating disinformation	OpenAI, UFBA and FGV-RJ	Social Development	Combating online disinformation in Brazil with AI assistance
Welcome Platform	WideLabs	Social Development	AI to facilitate the child adoption process
Amazon Monitoring	OpenAI and UFAM	Environment, Climate and Sustainability	AI system to combat deforestation and drive sustainability
Heartbeat of the Amazon Rainforest – AI	Stefanini	Environment, Climate and Sustainability	AI solution to monitor air and water quality and detect forest fires in the Amazon

Examples of initiatives to apply and develop AI tools by companies (1)

Initiative	Company/ Institution	Area	Description
Less fraud in transactions	Bank of Brazil	Industry, Commerce and Services	AI models for behavior analysis of customers
Proof of life	Bank of Brazil	Industry, Commerce and Services	Automated annual activity check beneficiaries via AI
Small Business + AI	Bank of Brazil	Industry, Commerce and Services	AI solution for personalized service the MPES
Customer Feedback Analysis	Savings Bank Federal	Industry, Commerce and Services	AI for managing and responding to feedback customers
Maritalk AI	Parakeet AI	Industry, Commerce and Services	Chatbot in Portuguese and Spanish for America Latin
BERTimbau	NeuralMind	Industry, Commerce and Services	Leading Portuguese language model in HuggingFace
Combating financial fraud	Stefanini	Industry, Commerce and Services	AI for real-time fraud detection
AI in the Steel Industry	Stefanini	Industry, Commerce and Services	AI for efficiency and safety in industry steel mill
Wide Legal	WideLabs	Industry, Commerce and Services	AI for automation of legal tasks

What is AI for the Good of All?

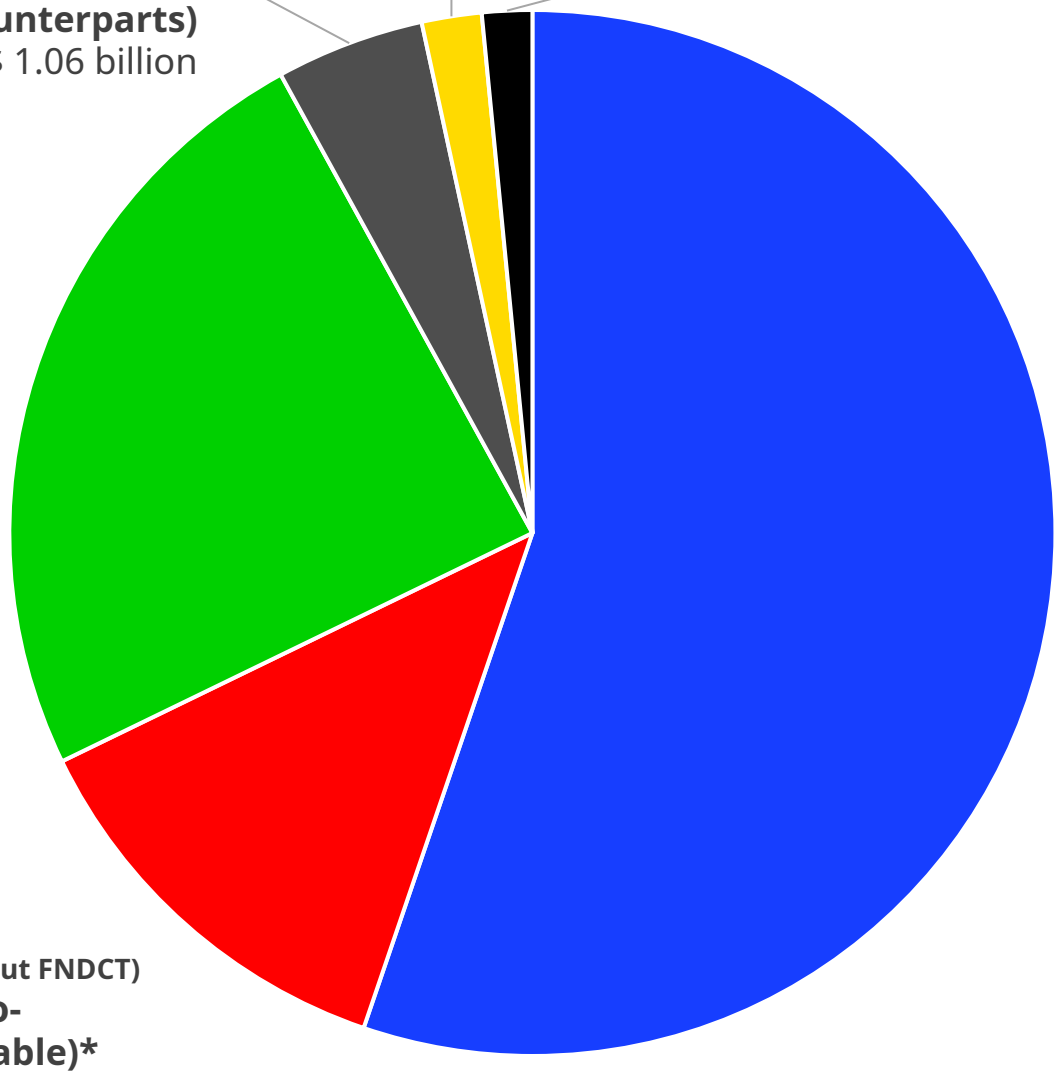
he Cooperative globally
the on a fair and mutually
beneficial basis,
I was going inducing the progress of
the humanity, the protection
the of the integrity of the
information and the defense of
al, democracy.
you

Proposed Action Plan

Description	2024-28
Actions with Immediate Impact	R$ 435.04 million
AI Infrastructure and Development	R$ 5.79 billion
Diffusion, Training and Qualification in AI	R$ 1.15 billion
AI for Improving Public Services	R$ 1.76 billion
AI for Business Innovation	R$ 13.79 billion
Support for the AI Regulatory and Governance Process	R$ 103.25 million
Total	**R$ 23.03 billion**

PBIA Investments 2024-2028

Total: R$23.03 billion



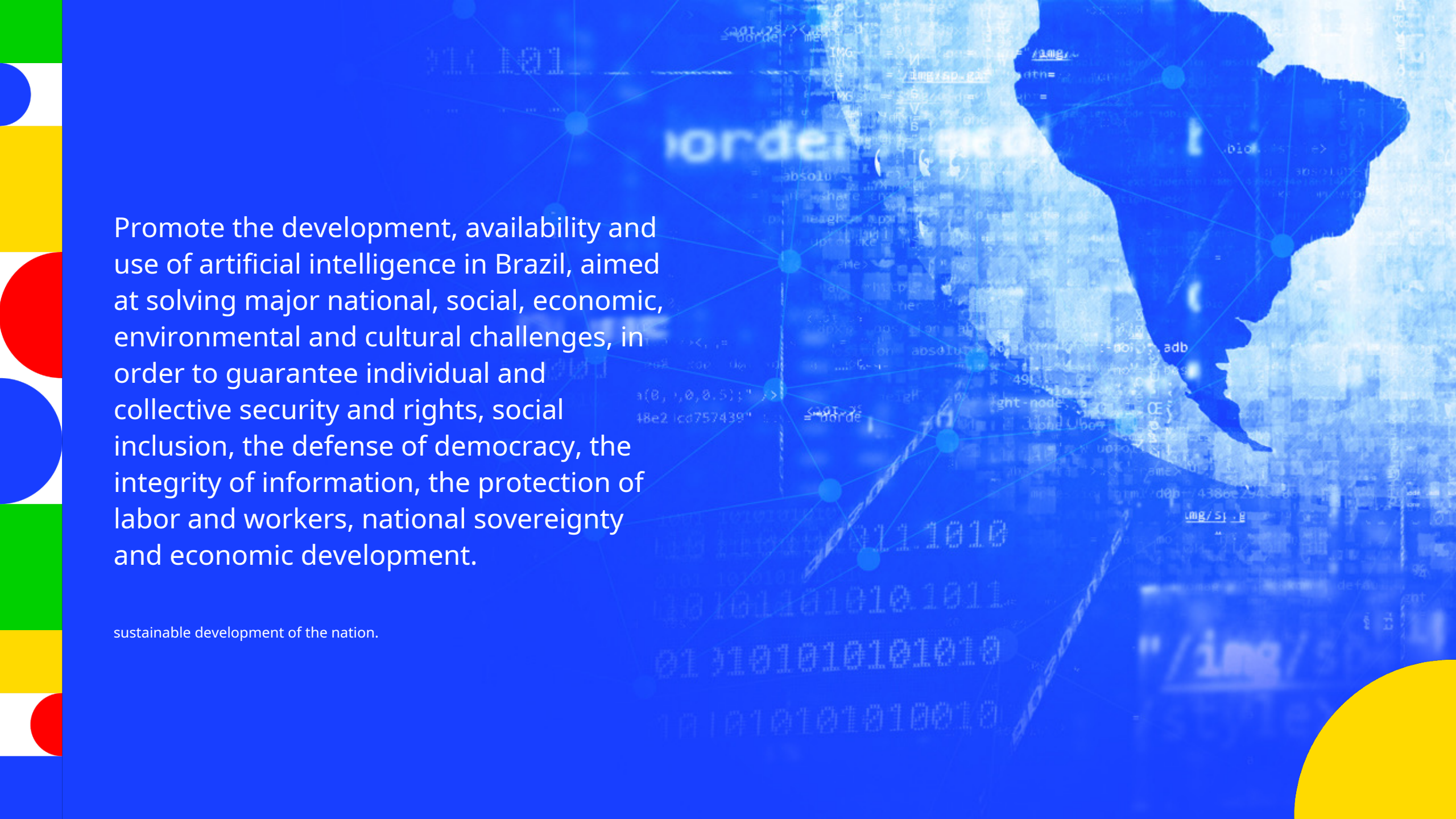
* Projected global value, pending confirmation in the schedule budgetary and financial of each year.

The Brazilian Artificial Intelligence Plan is based on ten fundamental premises that guide its structuring and implementation:

1. **Focus on social well-being: How can AI improve people's lives?**
2. **Generation of national capabilities and training**
3. **Technological and data sovereignty**
4. **Strategic alignment with government policies, with emphasis on New Industry Brazil (NIB)**
5. **Environmental sustainability (Ecological Transition)**
6. **Valuing diversity**
7. **International cooperation**
8. **Ethics and responsibility in the use of AI**
9. **Participatory governance**
10. **Flexibility and adaptability**

Promote the development, availability and use of artificial intelligence in Brazil, aimed at solving major national, social, economic, environmental and cultural challenges, in order to guarantee individual and collective security and rights, social inclusion, the defense of democracy, the integrity of information, the protection of labor and workers, national sovereignty and economic development.

sustainable development of the nation.



Actions with Immediate Impact

Initiatives underway or to be launched in the very short term to resolve specific problems in priority areas for the population.

Features:

- Focus on specific problems.
- Predominance of developed technologies and existing databases.
- Fast, measurable and significant results.
- Clear impacts.
- Potential for expansion, replication and sustainability.
- Engagement and direct benefit of the target population.

Initiatives underway or to be launched in the very short term to resolve specific problems in priority areas for the population.

There are 31 actions in the following areas:

- Health
- Agriculture
- Environment
- Industry, Commerce and Services
- Education
- Social Development
- Service Management Public

Spoken Medical Record in SUS

AI system to automate the transcription of teleconsultations.

- **Challenge**: Improve efficiency in clinical documentation during telecare and the need to improve the quality of care
- **Scope:**Development and validation of predictive models in 6 months; Implementation in teleconsultation systems in 1 year
- **Resources**: R$ 2.534 million (Budget resources)
- **Institution:**MS

AI to Support Decisions in Medication Purchases in the SUS

AI system for decision support in purchasing medicines.

- **Challenge:**Improve the planning and execution of government purchases of specialized component medicines, for addressing challenges that affect expected demand
- **Scope:**Implementation of systems in 10 health units in the first year and in 50 units in the second year
- **Features:**R$ 2,496millions (Budget resources)
- **Institution:**MS

Optimization of Diagnostics in the SUS

System to improve the accuracy and agility of medical diagnoses, particularly in critical conditions such as strokes, pneumonia, breast cancer, tuberculosis, melanoma, among others.

- **Challenge:**Improve medical diagnostic processes by reducing time for greater efficiency and responsiveness of the SUS
- **Scope:**Implementation in 5 pilot hospitals in the first year and in 20 hospitals in the second year
- **Resources**: R$ 60 million(Resources) budgetary)
- **Institution:**MS

AI in Oral Health in the SUS

Development of technologies to improve the quality of oral health services and the prognosis of oral cancer

- **Challenge:**Increase the efficiency and quality of oral health services offered by the SUS and improve the National Oral Health Policy
- **Scope:**Development of a monitoring panel for oral health services in PHC and implementation by managers in up to 5 UF (1st year) and up to 27 UF (2nd year); Development of biosensors for oral cancer prognosis.
- **Features:**R$ 5.287 million(Budget resources)
- **Institutions:**MS, CNPEM and UFMG

AI for Detecting Anomalies in Hospital and Outpatient Procedures in the SUS

System to identify abnormal patterns in billing and procedures, helping to detect and prevent possible irregularities and errors.

- **Challenge:**Identify anomalies in hospital and outpatient procedures to improve healthcare system management
- **Scope:**Development and validation of detection algorithms in 6 months; Implementation of detection systems in the first year; Expansion to 27 UFs in the second year
- **Features:**R$ 2,496 million(Budget resources)
- **Institution:**MS

AI to Support the Management of Judicialization Processes in the SUS

System to improve the management of judicialization processes, prevent health-related disputes and identify treatment alternatives

- **Challenge:**Optimize healthcare litigation management by reducing costs and improving planning and management
- **Scope:**Development and validation of support algorithms in 3 months; Implementation of support systems in 8 months
- **Resources**: R$ 3.328 million(Budget resources)
- **Institution**: MS

Elderly Well Cared for in the SUS

Artificial Intelligence Platform for promoting and caring for the health of the elderly

- **Challenge:**Improving early diagnosis of neurodegenerative diseases,specifically Alzheimer's disease, Parkinson's disease and other dementias
- **Scope:**Developing a Software-as-a-Service AI Platform for Health Promotion in 36 Months
- **Features:**R$ 9.623 million(Budget resources)
- **Institutions:**MS and UFPE

HEALTH – DEM

Autonomous disinfection of environments

Autonomous robot for disinfecting environments using UV-C technology and ozonated mist to eliminate viruses and bacteria present in the air and on surfaces.

- **Challenge:**Improve the disinfection capacity of environments
- **Scope:**Efficiency in disinfecting environments, especially in the context of pandemics and proliferation of contagious diseases.
- **Resources**: R$ 1.7 million(FNDCT-no refundable)
- **Institutions:**Finep and Instor

AI and Big Data for Cancer Treatment

AI platform for peritoneal cancer treatment using ultrasound technology for aerosolization of chemotherapy in the peritoneal cavity

- **Challenge:**Increase treatment responsiveness and patient survival in peritoneal cancer
- **Scope:**Greater response in the treatment of the peritoneal space.
- **Features:**R$ 1.8 million(FNDCT-no refundable)
- **Institutions:**Finep, Pipac and BhioSupply

Generative AI for personalization in healthcare

AI Assistant to Optimize Healthcare Personalization in the Context of Digital Primary Health Care

- **Challenge:**Offer personalized medicine on a mass scale
- **Scope:**Improvement in quality of life indicators; Reduction in cases of diseases and illnesses.
- **Features:**R$ 3.7 million(FNCDT-no refundable)
- **Institutions:**Finep, Ah and UFMG

HEALTH – DEM

Prevention of stroke and heart disease in supplementary health clients

Application of AI to predict cardiovascular system pathologies such as ischemic heart disease and strokes

- **Challenge:**Prevent pathologies related to the cardiovascular system
- **Scope:**Reduction in the number of complications and hospitalizations caused by heart disease and strokes
- **Resources**: R$ 1.2 million(FNDCT-no refundable)
- **Institutions:**Finep, AKST, Unimed and PUCPR

Retina without Anomalies

AI fundus photography system for highly accurate detection of abnormalities in the human retina using a portable device connected to a*smartphone*

- **Challenge:**THEhelp combat severe visual impairment and blindness worldwide, with more than 75% of cases due to lack of prevention and correct treatment
- **Scope:**System tested in a usage environment in three pilot actions
- **Resources**: R$ 500 thousand(FNDCT-refundable)
- **Institutions:**Finep and Phelcom

AI for Healthcare Reimbursement Optimization

Development of AI-based technology to automate health insurance reimbursement processes

- **Challenge:**Ensure reimbursement of health plans
- **Scope:**Agility in reimbursement of medical procedures performed
- **Features:**R$ 2.8 million(FNDCT-non refundable)
- **Institutions:**Finep, ANS and Paipe

AGRICULTURE AND LIVESTOCK

ATER Digital - AI

Digital technical guidance service with AI. Providing climate, territorial and meteorological data to rural producers through the service of *chatbot* to clarify doubts.

- **Challenge:** Provide technical assistance with potential for positive impacts on productivity and sustainability, and cost reduction
- **Scope:** 1.5 million producers
- **Resources**: R$ 85 million (Budget resources)
- **Institutions**: MAP

Calculation of cattle weight by 3D camera

AI tool, using computer vision, for monitoring the weight of the herd, with the advantage of alleviating stress on the animal by reducing cattle handling.

- **Challenge:** Reduce animal stress by performing less handling, increasing the quality of the meat produced and agility in business management for the rural producer
- **Scope:** Initial testing on 20 farms, currently being expanded
- **Resources:** R$ 700 thousand (FNDCT-non-refundable)
- **Institutions:** Finep and Owner's Eye

ENVIRONMENT, CLIMATE AND SUSTAINABILITY

AI for quantifying forest stock in the Amazon biome

Mapping using AI to locate plant species of interest in the Amazon Biome.

- **Challenge:**Cataloging species efficiently and effectively
- **Scope:**Plant species of the Amazon biome
- **Resources**: R$ 1 million(FNDCT-non-refundable)
- **Institutions**: Finep, Bioverse Labs and Natura

INDUSTRY, TRADE AND SERVICES

AI for Legal Management

AI-powered robot assistant to perform jurimetrics. The system was created to process and analyze millions of cases published on court portals in order to generate an AI model

- **Challenge:**Increase the assertiveness of the legal service, with improvements in the drafting of processes
- **Scope:**In the marketing phase
- **Features:**R$ 1 million(FNDCT-refundable)
- **Institutions:**Finep and Intelivix

Chat Box

Generative AI-based solution to provide efficient support to Caixa Econômica Federal employees

- **Challenge:**Accelerate the transfer of knowledge to Caixa employees who carry out service at agencies, reducing the time spent searching or reading rules
- **Scope:**Internal use Box
- **Features:**R$ 417 thousand(Box Federal Economic)
- **Institutions:**Federal Savings Bank

GitHub Copilot for Developers

Assisted coding wizard to optimize the experience for Caixa developers Federal Economic

- **Challenge:**Enable developers to focus more effort on problem-solving and collaboration, reducing time spent on standardized, repetitive processes
- **Scope:**Internal use Box
- **Features:**R$ 1.756 million(Box Federal Economic)
- **Institutions:**Federal Savings Bank

INDUSTRY, TRADE AND SERVICES

Optimizing Housing Finance System with AI

Adoption of AI accelerators to optimize processes related to the Salary Variation Compensation Fund (FCVS) to ensure the settlement of balances on SFH contracts

- **Challenge:**Ensure the settlement of remaining balances of contracts signed within the scope of the SFH
- **Scope:**Currently, internal use, with the potential to offer AI services to other financial agents involved in the FCVS
- **Features:**R$ 40 million per year (until 2026) (Box Federal Economic)
- **Institutions:**Federal Savings Bank

Using AI to Generate Knowledge for Caixa's Housing Solution

Use of AI to provide greater understanding by Caixa Econômica Federal employees of the Real Estate Credit solution, enabling the provision of better services to the Brazilian population

- **Challenge:**Increase Caixa Econômica Federal employees' understanding of Real Estate Credit solutions
- **Scope:**Use by all CEF employees who work with Real Estate Credit
- **Features:**R$ 1.2 million per year (Federal Savings Bank)
- **Institutions:**Federal Savings Bank

INDUSTRY, TRADE AND SERVICES

Artificial Intelligence for corporate communication

Development of customized chatbots using advanced AI technology.

- **Challenge:** Promote greater and better interaction between the customer and the company, allowing for an increase in the number of services provided and a reduction in waiting times.

- **Scope:** In commercial use
- **Features:** R$ 92.5 million (FNDCT-reimbursable)
- **Institutions:** Finep and Take Blip

EDUCATION

Present Management System

Intelligent management solution for controlling the attendance of primary school students, aiming to combat school dropout and truancy.

- **Challenge:**Reduce school dropout and truancy
- **Scope:**Development of an intelligent management solution, with high potential for adoption by schools
- **Features:**R$ 20 million(Budget resources)
- **Institutions:**MEC

Quality Control of Food Acquisitions for the PNAE

Implementation of AI solutions for processing and analyzing food purchase invoices with the aim of guaranteeing the quality of the food purchased

- **Challenge:**Improve monitoring of acquisitions under the National School Feeding Program (PNAE)
- **Scope:**In implementation
- **Features:**R$ 7.5 million(Budget resources)
- **Institutions:**MEC andFNDE

EDUCATION

Student Trajectory Prediction and Protection System

System to reduce the number of students who drop out of Brazilian schools and universities by identifying risk factors and/or protecting trajectories by stage.

- **Challenge:**Reduce school dropout and truancy
- **Scope:**Training of 10 thousand public managers
- **Resources**: R$ 500 thousand(Budget resources)
- **Institutions:**UFAL,MEC, MCTI, State and Municipal Secretariats, Universities, Third Sector and Multilateral Organizations.

Adaptive Solutions with Generative AI for Formative and Diagnostic Assessment for Literacy and Literacy

Support for teachers and school managers in evaluating student activities for better intervention in literacy

- **Challenge:**Increase the teacher's available time for analytical and pedagogical tasks
- **Scope:**Training of 30 thousand teachers from educational networks and schools
- **Features:**R$ 750 thousand(Budget resources)
- **Institutions:**UFAL,MEC, MCTI, State and Municipal Secretariats, Universities, Third Sector and Multilateral Organizations.

EDUCATION

Unplugged Intelligent Math Tutoring Systems with Generative AI

Systems for the development of mathematical skills (unplugged mode), from the first to the fifth year of Elementary School.

- **Challenge:**Brazilian students achieve better results in mathematics
- **Scope:**Training of 30 thousand network teachers educational and schools(note: same range as previous action)
- **Features:**R$ 850 thousand(Budget resources)
- **Institutions:**UFAL,MEC, MCTI, State and Municipal Secretariats, Universities, Third Sector and Multilateral Organizations.

Improving student learning and well-being

Support systems using positive psychology, generative AI and intelligent tutoring systems to promote learning and well-being.

- **Challenge:**Increase students' learning level and well-being in the teaching process
- **Scope:**Training of 5,000 teachers from educational networks
- **Features:**R$ 350 thousand(Budget resources)
- **Institutions:**UFAL,MEC, MCTI, State and Municipal Secretariats, Universities, Third Sector and Multilateral Organizations.

DEVELOPMENTSOCIAL

Believe in the First Step - AI

Platform to map the needs of the population registered with CadÚnico, offering qualification courses, job opportunities and actions to support entrepreneurship, directing people towards (re)insertion into the job market and sustainable entrepreneurship.

- **Challenge:**Reduce social vulnerability by increasing family income and improving the population's professional qualifications.
- **Scope:**Service potentialto 97 millionof people from CAD-Único
- **Features:**R$ 950 thousand(Budget resources)
- **Institution**:MDS

PUBLIC SERVICES MANAGEMENT

IA - RFB Supervision

Application of large language models to assist in the classification and judgment of tax administrative processes, including the search for case law and divergent theses.

- **Challenge:**Reduce the time taken to judge tax administrative processes at the RFB, with increased legal certainty
- **Scope:**In pilot phase
- **Features:**R$ 500 thousand(Budget resources)
- **Institutions:**RFB

AI Support - Overseas

Implementation of a *chatbot* AI-based on the consulates' website for fast, reliable service in any language.

- **Challenge:**Ensure efficiency in serving Brazilian citizens abroad
- **Scope:**Implementation of the service in 20 consulates by December 2024
- **Features:**R$ 200 thousand(Budget resources)
- **Institutions:**MRE

Impact actions awaiting definition of budget source

Action	Institutions	Area	Description
Embrapa - Rural Chat	Embrapa	Agriculture and Livestock	Embrapa information portal for farmers with chatbot
Observatory of Graduates of EPT	MEC	Education	AI for monitoring graduates from the federal network of technical education
SISSA - (RFEPCT)	MEC	Education	AI against school dropout in technical education
Employ + with AI	MTE	Employment and Work	Platform that connects job vacancies to candidates registered with SINE
ProtegIA for Security Population	MJSP, PRF	Defense, Public Security and Cybernetics	AI for media management (images and videos) police body cameras
Fine Mesh IA	CGU	Public Service Management	AI for auditing public accountability
Green Cities Project Resilient + AI	MMA	Environment, Climate and Sustainability	Artificial intelligence system for CAU map green areas and heat islands
Project Control Logging	MMA	Environment, Climate and Sustainability	System that uses AI to track forest products and monitor environmental compliance
Combating biopiracy	MMA	Environment, Climate and Sustainability	AI applied to wildlife monitoring and control environmental licenses
AI in Hospitals EBSERH/MEC	EBSERH, MEC	Health	AI for imaging diagnosis in hospitals federal

Structuring actions

The structural actions aim to guarantee technological sovereignty, the competitiveness of the Brazilian economy and the responsible use of AI in Brazil and in the world.

Features:

- **Generation of national capabilities and training**
- **Ambitious vision**
- **Alignment and integration with NIB**
- **Sustainability and energy efficiency**
- **Varied technological maturity**
- **Medium to long-term impact**
- **Mobilization of multiple actors and disciplines**
- **Systemic innovation**

Each structuring action is described following a standard format.

Descriptive elements:

- **Challenge addressed**
- **Action definition**
- **Specific goals and deadlines**
- **Estimated budget**
- **Sources of funding**

AXIS 1

Objective: Position Brazil as a world leader in Artificial Intelligence, promoting projects and research that substantially improve the lives of Brazilians, with innovative and accessible solutions to the country's challenges.

R$5.79 billion for 13 shares divided into:

1. **National Infrastructure Program for AI – R$ 3.0 billion**
2. **Sustainability and Renewable Energy Program for AI – R$500 million**
3. **AI Data and Software Ecosystem Structuring Program – R$1.4 billion**
4. **AI Research and Development Program – R$873 million**

AXIS 1

Highlights:

- **Top 5 supercomputer to boost cutting-edge research in Brazil.**
- **National development of high-performance AI processors in international cooperation projects.**
- **Sustainable AI infrastructure, based on renewable energy.**
- **World-class Portuguese language models, ensuring reduced bias and data sovereignty for the country.**
- **National network of centers of excellence in AI, promoting research in all regions of the country.**

Axis 1 Infrastructure and AI Development

1.1. National AI Infrastructure Program

1. AI Supercomputer

Acquisition of specialized supercomputer – Top 5 Worldwide

Challenge: Significantly expand Brazil's high-performance processing capacity

Goal:THEUpdate of the Santos Dummont supercomputer at LNCC, so that it is among the five with the greatest processing capacity on the TOP500 list, in 5 years

Resources (2024-28):R$ 1.8 billion
(FNDCT-non-refundable, Petrobras and FAPESP)

2. Expansion of CENAPADs processing capacity

Purchase of supercomputers for research centers regional supercomputing

Challenge: Expand and improve the regional distribution of high-throughput processing capacity
Brazil's performance

Goal: Expansion of the capacity of the 5 CENAPADs, distributed across 5 regions of the country, in 2 years

Resources (2024-28):R$ 125 million
(FNDCT-non-refundable)

3. High-speed connection networks for supercomputing

Expanding access to supercomputers, with investments in input and connection equipment

Challenge: Network and ensure access to Brazilian supercomputers

Goal: Interconnection of all supercomputing centers with high-speed networks by 2028

Resources (2024-28):R$ 52.4 million
(FNDCT-non-refundable and Petrobras)

Axis 1 Infrastructure and AI Development

1.1. National AI Infrastructure Program

4. Pro-Infra AI

Promotion of the acquisition, installation and modernization of AI infrastructure in Brazilian ICTs.

Challenge: Expand and modernize computing capacity for AI in ICTs, including data centers and specialized processors

Goal: Support for 25 projects in 5 years

Resources (2024-28):R$ 250 million
(FNDCT-non-refundable)

5. International partnerships for the development of supercomputer nodes and accelerator chips

Establishment of partnerships for the national development of supercomputer nodes and accelerator chips.

Challenge: Overcoming external technological dependence in critical components for AI

Goal: Establishment of at least two partnerships in 12 months; Accelerator development in 24 months; Development of two complete racks in 36 months

Resources (2024-28):R$ 765 million
(FNDCT-reimbursable and non-reimbursable, private sector and international organizations)

6. International partnerships for sharing AI R&D infrastructure

Sharing of Brazilian AI infrastructure with other developing countries

Challenge: Promote access to cutting-edge infrastructure for developing countries, especially in Latin America, the Caribbean and Africa

Goal: Significant expansion of the connection capacity of the Clara Network and the Scalac Network in 24 months; Support for 30 collaborative projects that use the infrastructure Brazilian AI by 2028

Resources (2024-28):R$ 50 million
(FNDCT-non-refundable)

Axis 1 Infrastructure and AI Development

1.2. Sustainability and Renewable Energy Program for AI

7. Pro-Infra Sustainable AI

Promoting the implementation of sustainable and efficient energy infrastructure for data centers and AI facilities (renewable sources; cooling technologies; equipment with lower consumption)

Challenge: Implement renewable energy infrastructure and sustainable use of resources to support the growth of AI in Brazil, taking advantage of the country's clean energy matrix

Goal: Support for 42 projects in 5 years

Resources (2024-28):R$ 500 million(FNDCT-no refundable)

Axis 1 Infrastructure and AI Development

1.3. AI Data and Software Ecosystem Structuring Program

8. AI Software Stack Development

Support for the development of all software layers required for AI applications

Challenge: Develop a national software stack for AI, aiming to optimize performance and promote technological independence

Goal: Development of a complete national software stack for AI in 12 months

Resources (2024-28):R$ 292.5 million(FNDCT-no reimbursable and private sector)

9. National Data-Driven AI (LLM in Portuguese)

Promoting the curation of national datasets and supporting the development of specialized foundational models in Portuguese

Challenge: Create and improve national databases for AI training, reducing external dependence and considering the diversity and specificities of Brazil

Goal: Expanding the supply of curated national datasets for training; Building a robust LLM model for Portuguese in 12 months

Resources (2024-28):R$ 1.1 billion(FNDCT-refundable and non-refundable) reimbursable and private sector)

Axis 1 Infrastructure and AI Development

1.4. AI Research and Development Program

10. Promotion of R&D activities in AI

Launch of notices and financing initiatives for R&D projects in AI, including thematic ones (education, health, environment, creative economy, among others)

Challenge: Boost multidisciplinary R&D in AI in Brazil, integrating different areas of knowledge

Goal: Specific goals for each initiative (CAPES, CNPq)

Resources (2024-28):R$ 553 million (FNDCT/CNPq and CAPES)

11. INCTs - IA

Promoting research and development in AI through National Institutes of Science and Technology (INCTs), integrating computing and exact sciences with areas such as social, human, cultural, economic and legal sciences

Challenge: Consolidate a multidisciplinary network of excellence, capable of developing AI solutions aimed at addressing national challenges in areas such as education, the environment, the creative economy and industry.

Goal: Establishment of 4 interdisciplinary thematic centers for advanced studies in AI, by 2028

Resources (2024-28):R$ 100 million(FNDCT/CNPq)

Axis 1 Infrastructure and AI Development

1.4. AI Research and Development Program

12. National Institute of Informatics with a focus on AI

Creation of the National Institute of Informatics to promote advanced research in AI

Challenge: Strengthen R&D in AI in Brazil and increase the impact of ST&I in companies with potential for global competitiveness

Goal: Multiple goals, including establishing 5 research groups in 6 months; Launching the Institute in 9 months; Starting operations to support startups in 12 months

Resources (2024-28):R$ 120 million(FNDCT-no refundable)

13. Promotion of R&D in cooperation with Latin America, the Caribbean and Africa

Promoting international collaborative R&D in AI, with research institutions and universities in Latin America, the Caribbean and Africa

Challenge: Strengthen scientific and technological cooperation in AI between countries, promoting the joint development of solutions to common challenges

Goal: Support for 100 collaborative AI projects with countries in Latin America, the Caribbean and Africa by 2028

Resources (2024-28):R$ 100 million(FNDCT-no refundable)

Axis 1 Infrastructure and AI Development

Structural actions awaiting definition of budget source

Action	Program	Description
Center for Monitoring and Promotion of Sustainable AI (CMPIAS)	1.2. Sustainability and Renewable Energy Program for AI	Establishment of a center dedicated to monitoring, evaluating and promoting sustainable practices in the implementation and use of AI.
Data Science Center focused on Amazon Biodiversity	1.4. AI Research and Development Program	Creation of a research center applying AI and data science for monitoring, conservation and sustainable exploration of Amazonian biodiversity and sociobioeconomy, with the participation of traditional communities and local peoples
Creation of new AI research centers	1.4. AI Research and Development Program	Fostering new regional centers of excellence in AI R&D

AXIS 2

Objective: Awaken, train, empower and retrain AI talent at all levels, to meet the urgent need for qualified professionals and foster critical understanding of technology in our society.

R$ 1.15 billion for 8 shares divided into:

1. **AI Dissemination and Promotion Program – R$ 100.0 million**
2. **AI Training Program – 548.5 million**
3. **AI Training, Qualification and Requalification Program – R$500.0 million**

AXIS 2

Highlights:

- **AI training at all levels, developing talent and meeting the demand for qualified professionals.**
- **Qualification of workers in AI, with the possibility of internships in companies.**
- **Public-private partnerships for AI training projects, including the S System.**
- **Information campaigns to promote awareness about the critical use of AI and defense of information integrity.**

Axis 2 Diffusion, Training and Qualification

2.1. AI Dissemination and Outreach Program

14. Diffusion, Dissemination and Digital Literacy in AI

Comprehensive digital literacy and AI outreach action, aiming to popularize technological foundations, transparency, everyday applications, risks and citizens' rights. Includes the Brazilian AI Olympiad, involving partnerships with universities and technology companies for workshops and mentoring, and informational and educational campaigns on AI for citizens

Challenge: Increase knowledge, engagement and social inclusion of the Brazilian population in relation to AI

Goal: Creation of an AI Olympiad in 12 months (annual recurrence), with the participation of public schools from all regions of the country; Increase the percentage of the Brazilian population that declares to have a good understanding of AI to 85% (opinion poll*Ipsos/AI Index Report*) in two years

Resources (2024-28):R$ 100 million(CNPq/FNDCT-non-refundable)

Axis 2 Diffusion, Training and Qualification

2.2. AI Training Program

15. Interdisciplinary Laboratories for Educator Training (LIFE)

Creation and expansion of LIFEs for teacher training in digital literacy and pedagogical use of AI

Challenge: Promote teacher training for the pedagogical use of AI

Goal: Creation of 27 new LIFEs and expansion of 20 existing LIFEs

Resources (2024-28):R$ 19 million(Budget resources)

16. AI in Undergraduate Studies

Creation of undergraduate courses in AI and related fields; Encouragement of the creation of optional subjects in programming, data science and AI; Offering of vacancies focused on AI in FIES

Challenge: Expand training in AI and related disciplines in all undergraduate courses

Goal: Creation of at least 5,000 places in AI courses in 3 years; Automatic provision of 100% of places in data science and AI courses in FIES

Resources (2024-28):R$ 183.24 million(Resources) budgetary)

Axis 2 Diffusion, Training and Qualification

2.2. AI Training Program

17. AI Scholarships for Undergraduate and Postgraduate Studies

Scholarships for scientific initiation, master's and doctorate degrees in AI, with competitive values for training, attracting and retaining talent

Challenge: Increase the supply of highly qualified AI professionals in Brazil and reduce the gap between academia and industry

Goal: Specific goals for each initiative (CAPES, CNPq)

Resources (2024-28):R$ 194.2 million(CNPq and CAPES)

18. AI PhD Scholarships Abroad

PhD scholarships abroad in the field of artificial intelligence to expand international partnerships in AI research

Challenge: Expand international partnerships in AI research

Goal: Specific goals for each initiative (CAPES, CNPq)

Resources (2024-28):R$ 152 million(CNPq and CAPES)

Axis 2 Diffusion, Training and Qualification

2.3. AI Training, Qualification and Requalification Program

19. Professional Qualification in AI

National platform for online AI qualification courses, as well as in-person courses

qualification through internship in companies

Challenge: Increase the supply of qualified professionals in specific areas of AI

Goal: Qualification of 20,000 professionals in the 1st year, 30,000 in the 2nd year and 50 in the 3rd year; Implementation of 500 AI pilot projects in industrial companies in 3 years

Resources (2024-28):R$ 150 million
(FNDCT-non-refundable, System S and private counterparts)

20. AI for Education and Work

Multi-institutional initiative for training and qualification in AI, with intensive use of the environment
experimental

Challenge: Increase the supply of qualified AI professionals in Brazil

Goal: Training or retraining of 5,000 AI professionals in the 1st year, 10,000 in the 2nd year and 15,000 in the 3rd year from all regions of the country; Establishment of 20 institutional partnerships in 3 years

Resources (2024-28):R$100 million
(private sector)

21. ICT-AI Residency

Training and qualification technological in AI, in partnership with the private sector (internship in companies)

Challenge: Increase the supply of ICT professionals with a focus on AI

Goal: Training and qualification of 20,000 professionals per year by 2028, with 5,000 in AI development and 15,000 in the use of AI tools; Training of 50 AI chip designers and 100 AI infrastructure technicians by 2028

Resources (2024-28):R$ 250 million
(private sector/ICT Law)

Axis 2 Diffusion, Training and Qualification

Structural actions awaiting definition of budget source

Action	Program	Description
AI Social Participation Platform	2.1. AI Dissemination and Outreach Program	Digital platform to facilitate public participation in discussions, consultations and decisions related to AI in Brazil
AI in Technical and Vocational Education	2.2. AI Training Program	Technical and professional training in AI, in partnership with federal institutes, technical schools, public high schools and technology companies
Professional Requalification in AI	2.3. AI Training, Qualification and Requalification Program	In-person and online courses to retrain professionals, especially those affected by automation, to work in AI-related roles
Integrated Extension Action for AI Training	2.3. AI Training, Qualification and Requalification Program	AI training through RFEPCT, aimed at specific audiences (women, civil servants and vulnerable populations)

AXIS 3

Objective: Make Brazil a global model of efficiency and innovation in the use of AI in the public sector, developing solutions that significantly improve the provision and satisfaction of people with services, with an impact on development and social inclusion.

R$ 1.76 billion for 19 shares divided into:

1. **Federal Government AI Center – R$59.0 million**
2. **National Data Infrastructure – R$ 1.4 billion**
3. **AI Solutions Program for Public Services – R$259.0 million**

AXIS 3

AI for Improving Public Services

Highlights:

- **Creation of a robust ecosystem of public data in a sovereign cloud, to ensure national technological autonomy, the integrity and security of information and the privacy of citizens.**
- **Development of AI solutions to increase the efficiency and effectiveness of public services.**
- **Training federal public servants to take advantage of the potential of AI in optimizing processes and making data-driven decisions.**

Axis 3 AI for Improving Public Services

3.1. Government AI Hub

22. Government Artificial Intelligence Platform

Government AI platform with a context-based approach and business strategy for federal public administration

Challenge: Develop, train, and run AI models for government

Goal: Provision of the platform for the development and large-scale operation of AI projects and models for the government by 2026

Resources (2024-28):R$ 25 million (MGI)

23. Prospecting and Structuring AI Projects

Establishment of a methodology for prospecting and structuring strategic projects related to artificial intelligence within the government

Challenge: Identify and structure strategic AI projects in government

Goal: Establishment and application of the methodology in 10 priority areas of the government and structuring of 25 high-impact projects by 2026

Resources (2024-28):R$ 7.5 million (MGI)

24. Experimentation of AI projects in the Government

Development of AI pilot projects in the federal government to assess feasibility, risks and benefits before large-scale implementation

Challenge: Assess the feasibility and impact of AI projects before large-scale application

Goal: Implementation of 25 AI experimentation projects within the scope of the AI Center by 2026

Resources (2024-28):R$ 15 million (MGI)

Axis 3 AI for Improving Public Services

3.1. Government AI Hub

25. Monitoring the Development and Use of AI

Data collection and analysis system on AI projects in the federal government to obtain an integrated view of their adoption and development

Challenge: Get an integrated view of advances in AI adoption in the Federal Government

Goal: Conducting an annual survey on the adoption of AI in federal government agencies and entities

Resources (2024-28):R$ 4 million(MGI)

26. Training public servants in AI

Training federal civil servants in AI to support the development and adoption of technology in government

Challenge: Empowering federal public servants to respond to the challenges of digital transformation and AI

Goal: Training of 115,000 federal employees by 2026 (20% of the total)

Resources (2024-28):R$ 7.5 million(MGI)

Axis 3 AI for Improving Public Services

3.2. National Data Infrastructure

27. Sovereign Cloud

Private or community cloud infrastructure managed exclusively by public bodies or companies

Challenge: Protect confidential data, ensure privacy, availability and appropriate management thereof

Goal: Migration of classified data to the government cloud environment by 2027

Resources (2024-28):R$ 1 billion
(SERPRO and DATAPREV)

28. Cataloguing, Governance and Data Usage Strategy

Establishment of data governance policy, expansion of maturity in data use and cataloging of data sets within the Federal Government

Challenge: Treat public data as strategic assets to support the solution of major societal challenges

Goal: Establishment of data governance policy in federal agencies and entities; Raising maturity from 2 to 3 by 2026; Cataloging of 2,000 GF data sets by 2027

Resources (2024-28):R$ 6 million
(MGI)

29. Strategic Data Integration and Reuse

Implement interoperability between agencies and entities government agencies to promote efficient data reuse and sharing

Challenge: Promote data sharing to avoid duplication of citizen efforts in compliance with the LGPD

Goal: Savings of R$6 billion with the use of the Conecta Gov.br Program by reducing the document requirements for citizens by 2026

Resources (2024-28):R$ 107 million
(MGI)

Axis 3 AI for Improving Public Services

3.2. National Data Infrastructure

30. Personalization of Public Services

Personalization of public services, to offer citizens contextual, targeted and proactive content

Challenge: Expand the content offering from various federal public bodies and entities to citizens in a personalized and proactive manner

Goal: Personalization of digital communication in 50 digital public services by 2026

Resources (2024-28):R$ 26 million (MGI)

31. Privacy and Information Security in the Public Sector

Set of comprehensive privacy and security actions information in federal agencies

Challenge: Ensure the privacy and security of citizens' information in the provision of public services

Goal: Increase in the average value of the privacy and information security maturity index by two tenths by 2027

Resources (2024-28):R$ 41 million (MGI)

32. Infrastructure for the use and application of AI in education

Construction of a unified educational database

Challenge: Facilitate the application of AI in education through the organization, integration and cross-referencing of educational data, and promote access to data in an anonymized form for researchers and the accredited public (in compliance with LGPD)

Goal: Establishment of initial infrastructure based on the organization, integration and operationalization of the MEC's educational databases by 2026

Resources (2024-28):R$ 258 million(MEC)

Axis 3 AI for Improving Public Services

3.3. AI Solutions for Public Services Program

33. AI Solutions for Government

Call Launch periodic to develop AI solutions that meet public sector challenges and foster startups*govtechs*

Challenge: Improve the quality and efficiency of public services by using AI to analyze the large volume of available government data

Goal: Launch of two annual calls; Implementation of AI structural projects in 10 agencies/year

Resources (2024-28):R$ 100 million (FNDCT-non-refundable)

34. AI Development for Cybersecurity in Government

Development of AI systems to improve detection and cybersecurity incident response in government

Challenge: Increasing the ability to respond to cyber attacks through the use of AI tools

Goal: Training of 100% of the teams of the SISP sectoral bodies by 2026; Implementation of threat detection and response modules in 100% of the sectoral bodies by 2027

Resources (2024-28):R$ 72 million (MGI and GSI)

35. Development of AI to improve public procurement

Development of AI tools to optimize public procurement processes

Challenge: Identify patterns in public procurement with a focus on process agility, cost reduction, error and fraud correction, and increased transparency and effectiveness

Goal: Incorporation of the use of AI tools into public procurement routines.

Resources (2024-28):R$ 30 million (MGI)

Axis 3 AI for Improving Public Services

3.3. AI Solutions for Public Services Program

36. AI for Education Resource Management

Using AI to simplify and automate management and accountability processes for financial resources from FNDE and the Direct Money to School Program

Challenge: Modernize and optimize management, monitoring and accountability through AI

Goal: Development and implementation of process management solution in up to 24 months

Resources (2024-28):R$ 16 million (MEC/FNDE)

37. Using AI to improve People Management processes

Development and use of AI in projects related to the area of Human Resources Management in public service

Challenge: Increase operational efficiency and human resources management

Goal: Implementation of 7 high-impact AI projects related to the area of People Management in public service by 2028

Resources (2024-28):R$ 13 million (MGI)

38. Using AI to improve Union Heritage processes

AI for the Management of the Union's Assets

Challenge: Improve the management and monitoring of Union properties, such as valuation, identification and incorporation of new properties, and support inspection operations of Union properties

Goal: Implementation of 9 high-impact AI projects related to the area of Union Asset Management by 2028

Resources (2024-28):R$ 10 million (MGI)

Axis 3 AI for Improving Public Services

3.3. AI Solutions for Public Services Program

39. Support for the development of AI projects in state-owned companies

Prospecting and support for the structuring of strategic projects related to artificial intelligence in state-owned companies

Challenge: Identify opportunities for developing AI projects in state-owned companies aligned with achieving public policy objectives

Goal: Identification of ongoing AI projects in state-owned companies and opportunities for inducing the ecosystem and the development of AI solutions in the country.

Resources (2024-28):R$ 4 million(MGI)

40. SIPEC – Intelligent System for Forecasting Extreme Weather Events

Development of an artificial intelligence-based system for forecasting extreme weather events with a high degree of reliability (without biases to remove systematic forecast errors) and specific to Brazilian characteristics, improving the BESM-INPE ocean-atmosphere coupled model

Challenge: Predict and prevent extreme weather events and reduce the damage they cause to society

Goal: Development and implementation within one year of an artificial intelligence system capable of predicting extreme weather events up to 12 months in advance

Resources (2024-28):R$ 15 million(FNDCT-non-renewable)

AXIS 4

Objective: Structure a robust AI value chain in Brazil, in direct support of the missions of Nova Indústria Brasil (NIB), positioning the country as a global hub for the development and use of AI.

R$ 13.79 billion for 9 shares divided into:

1. **AI Value Chain Promotion Program – R$4.40 billion**
2. **AI program for Brazilian industry challenges – R$9.39 billion**

AXIS 4

AI for Business Innovation

Highlights:

- **Development of AI solutions for challenges in Brazilian industry (including commerce and services) and to increase productivity.**
- **Structuring and strengthening the AI production chain in Brazil.**
- **Establishment of high-capacity “green” data centers, powered by renewable energy and optimized for sustainable use of water resources.**
- **Creation of AI support centers in the industry, providing technical resources and specialized consultancy.**
- **Promotion and acceleration of startups specialized in AI.**
- **Incorporation and retention of AI talent in Brazilian companies.**

Axis 4 AI for Business Innovation

4.1. AI Value Chain Promotion Program

41. Development of National Datacenters

Support for the creation of data centers powered by renewable energy sources, prioritizing the North and Northeast regions

Challenge: Develop and strengthen the supply chain of AI datacenters in Brazil

Goal: Specific goals by initiative (BNDES and FINEP)

Resources (2024-28):R$ 2.3 billion
(BNDES and FNDCT-reimbursable)

42. Systemic Support for the AI Value Chain

Support for the AI value chain, integrating and expanding EMBRAPII's actions related to AI projects

Challenge: Strengthen national production capacity in the AI chain

Goal:20% pa increase in n°of R&D&I projects in AI; Structuring of the Embrapii Network of Competence in AI with 25 units and Competence Centers by 2026; Expansion from 15 to 35 in the n°of Embrapii Units enabled for AI projects by 2026; Hiring of 5
structuring projects in AI until 2026

Resources (2024-28):R$ 667 million
(FNDCT-non-refundable and private sector)

43. Support for AI Startups

Creation of an investment fund to support AI startups, including resources from the Mais Produção Plan

Challenge: Increase the number, revenue and global presence of Brazilian AI startups

Goal: Specific goals by initiative (BNDES and FINEP)

Resources (2024-28):R$ 400 million
(BNDES, FNDCT-non-refundable and private sector)

Axis 4 AI for Business Innovation

4.1. AI Value Chain Promotion Program

44. AI for SMEs and MEIs

Stimulating and expanding the adoption of AI in different segments of small businesses

Challenge: Increase the productivity and competitiveness of SMEs and MEIs

Goal:AI acceleration programs in SMEs in intensive sectors; Execution of digital inclusion pilot projects in 3 states; Development and application of studies to improve support for MEIs in 12 months

Resources (2024-28):R$ 305 million
(SEBRAE)

45. Human Resources in Strategic Areas (RHAE) - IA

Insertion of masters and doctors specializing in AI in private companies, preferably micro, small and medium-sized companies

Challenge: Expand the inclusion of masters and doctors in private companies, preferably MSMEs, for greater interaction between universities and companies

Goal: Awarding of 1,200 scholarships to researchers until 2026, focused on the development of AI solutions in MSMEs

Resources (2024-28):R$ 100 million
(CNPq)

46. Talent Retention for AI Innovation

Salary supplement grants for AI talent retention

Challenge: Promote the retention of a highly qualified AI workforce in Brazil, avoiding evasion to competing markets

Goal: Support for 1,000 qualified AI professionals in corporate R&D&I projects by 2026, with retention of AI graduates in the country

Resources (2024-28):R$ 600 million
(FNDCT-non-refundable and Private Sector)

Axis 4 AI for Business Innovation

4.2. AI Program for Brazilian Industry Challenges

47. National Center for AI for Industry (CNIA4I)

Creation of a center for the development of AI-based technologies for industry

Challenge: Foster an appropriate technological ecosystem for development of AI models for industrial applications

Goal: Composition of institutional networks in 12 months; Modeling and start of the training program in 12 months; Inauguration of CNIA4I in 18 months

Resources (2024-26):R$ 260 million
(FNDCT-non-refundable and private sector)

48. AI Solutions for NIB Missions

Allocation of resources from the Mais Produção Plan and the Mais Inovação Program to AI projects applied to industry, focusing on the application chains defined in the Nova Indústria Brasil missions and supporting Brazilian companies that supply expert systems

Challenge: Adopt AI solutions aligned with the specific needs of Nova Indústrias Brasil (NIB) missions

Goal: Funding for at least 500 AI projects applied to industry by 2028

Resources (2024-28):R$ 9.1 billion
(FNDCT-reimbursable and BNDES)

49. AI to increase productivity of industrial MSMEs

Implementation of Artificial Intelligence (AI) tools in the Brasil Mais Produtivo (B+P) program, covering three main areas: creation of industrial dataspace, optimization of the registration process and implementation of AI library

Challenge: Increasing the productivity of industrial MSMEs

Goal: Structuring of database and gathering of data space requirements in 6 months; Implementation of public digital infrastructure and training of institutions in 1 year

Resources (2024-28):R$ 28 million
(FNDCT-non-refundable)

Axis 4 AI for Business Innovation

Structural actions awaiting definition of budget source

Action	Program	Description
National Center for AI applied to Agriculture and Livestock	4.2. AI Program for Brazilian Industry Challenges	Creation of an AI Center for Agriculture, incorporating Embrapa's expertise in agrointelligence

AXIS 5

AI ance

Objective:Wcontribute to the consolidation of an AI governance framework in Brazil that promotes innovation, ensures the right to development, protects human rights, the integrity of information, copyright and related rights, labor and workers, and positions Brazil as a reference in responsible and trustworthy AI.

R$ 103.25 million for 5 shares divided into:

1. **Regulatory Framework Improvement Program for AI – R$40.5 million**
2. **AI Governance Support Program – R$62.8 million**

AXIS 5

Support for the AI Regulatory and Governance Process

Highlights:

- **Brazilian Observatory of Artificial Intelligence (OBIA). National**
- **Center for Algorithmic Transparency and Trustworthy AI.**
- **Guides for Ethical and Responsible AI.**
- **Network of experts to support and qualify Brazil's participation in international debates and forums related to AI.**

Axis 5 Support for the AI Regulatory and Governance Process

5.1. Support Program for the Improvement of the Regulatory Framework for AI

50. Brazilian Responsible AI Guides

Series of guides on AI in Brazil to promote responsible use adapted to the national reality

Challenge: Need to promote public trust in AI and adapt global standards to the Brazilian reality.

Goal: Preparation and publication of the Guide to Ethical and Responsible AI in 3 months; Launch of the AI Guide for the Public Sector in 6 months; Holding periodic workshops and events to disseminate the guides

Resources (2024-28):R$ 500 thousand(MJSP)

51. National Center for Algorithmic Transparency and Trustworthy AI

Creation of a national center to develop research and studies on risks, security, transparency and reliability of AI

Challenge: Reducing the risks associated with the use and development of AI, in order to guarantee transparency, integrity of information and reliability in AI systems

Goal: Establishment of the Center within 120 days; Publication of a study on AI risks and algorithmic transparency practices within 6 months of the Center's creation

Resources (2024-28):R$ 40 million(FNDCT-non-refundable)

Axis 5 Support for the AI Regulatory and Governance Process

5.2. AI Governance Support Program

52. Brazilian Observatory of AI (OBIA)

Consolidation of the Brazilian Observatory of Artificial Intelligence (OBIA) as the main AI intelligence platform in Brazil

Challenge: Develop and consolidate indicators and databases to monitor the use and AI development in Brazil

Goal:OBIA launch in 30 days; Continuous development of indicators in the main dimensions of AI

Resources (2024-28):R$ 11.75 million
(FNDCT-non-refundable and CGI.br)

53. Support network for AI governance in Brazil

Structuring a research network to support AI governance processes in Brazil

Challenge: Reduce reliance on external actors for critical capabilities for data governance and AI, including in specific sectors

Goal: Network structuring in 12 months

Resources (2024-28):R$ 26 million
(FNDCT-non-refundable and MEC)

54. Support network for Brazil's participation in the international debate

Structuring a network of researchers and technicians to expand and qualify Brazil's participation in international debates and forums on AI

Challenge: Expand and qualify Brazil's participation in discussions, initiatives, plans, regulations and/or resolutions of global scope in AI

Goal: Network structuring in 12 months

Resources (2024-28):R$ 25 million
(FNDCT-non-refundable)

Governance and monitoring of the AI Plan for the good of all

of the AI Plan

Superior Council

Responsible for formulating guidelines, proposals for structuring actions, harmonizing initiatives for the development of Artificial Intelligence in Brazil.

- Presidency of the Republic
- Ministries and representatives from the business sector, academia and civil society.

Executive Committee

Provide support to the Superior Council, supervise the chambers themes and responsible for managing the PBIA.

- Ministries with actions and representatives from the business sector, academia and civil society.

Thematic Chambers

Monitor the execution of PBIA actions and present solutions to the demands of the Superior Council, which defines coordinators and institutions (private and public) participating in the CTs.

- AI Infrastructure and Development
- Diffusion, Training and Qualification in AI
- AI for Improving Public Services AI
- for Business Innovation
- Support for the AI Regulatory and Governance Process

THE

Principles:

- Multisectorality and multidisciplinarity: government, academia, civil society and private sector
- Transparency: publicity of acts and decisions.
- Ethics and Responsibility – AI for the Good of All: Focus on trustworthy, sustainable and human-centered AI.

Monitoring and review:

- Periodic reviews of the plan, with continuous assessment of the viability of the actions and updating of the list of actions
- Progress and impact reports published regularly

Final considerations

Artificial intelligence represents a unique opportunity to boost Brazil's technological, economic and social development.

- THE**AI Plan for the Good of All**(PBIA) seeks to create national capabilities and skills to transform the lives of Brazilians through sustainable and inclusive AI innovations, aimed at solving major national challenges.
- Five structuring axes, with 54 concrete actions, focusing on the development of national capacities in key areas: infrastructure, training, public service, business innovation and support for AI regulation and governance.

The success of the AI for the Good of All Plan depends on engagement and collaboration between government, academia, the private sector and civil society.

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