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+10

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**AMAZON +10
INITIATIVE**

The São Paulo State Research Foundation supports research in all fields of knowledge

1% of all State tax revenues

Autonomous administration

7,027 new grants + fellowships awarded in 2021

Annual budget: US\$ ppp 750 million in 2021

Research Support Modalities

- **Fellowships**
- **Academic R&D**
- **University-Industry Joint R&D**
- **Small business R&D**
- **Mission-oriented research**

TOTAL SINCE 1962

180 thousand fellowships

130 thousand research grants

US\$ ppp 20 billion (ref 2021)



CONFAP

Conselho Nacional das Fundações
Estaduais de Amparo à Pesquisa

THE CONFAP

The National Council of State Research Support Foundations articulates the interests of all 27 of the state agencies that promote scientific, technological and innovation research in Brazil

ITS MISSION

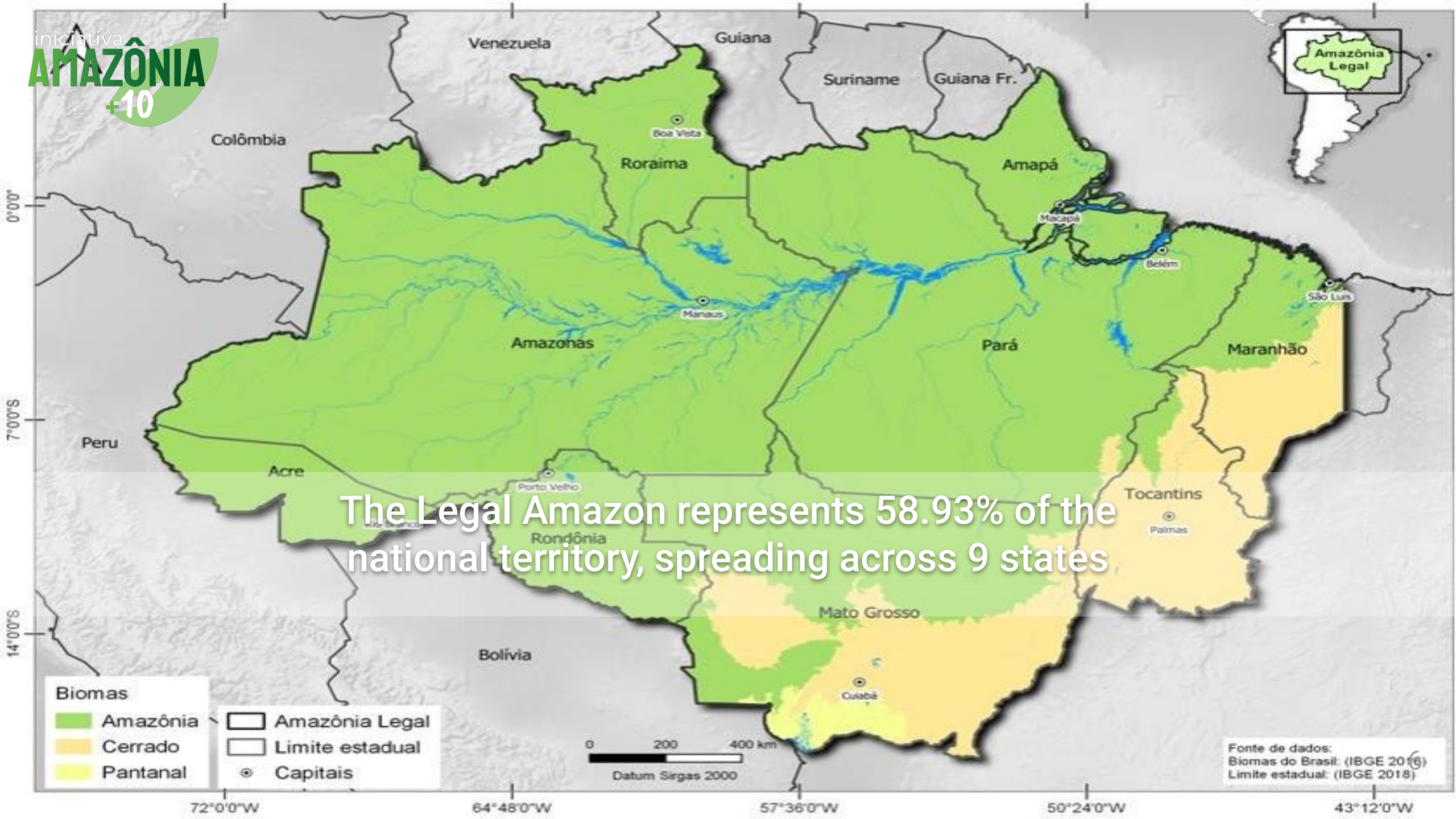
Stimulate the generation of knowledge and technological innovation and to encourage the expansion of regular partnerships between state, foundations and national and international agencies that promote ST&, as well as partnerships with the private sector



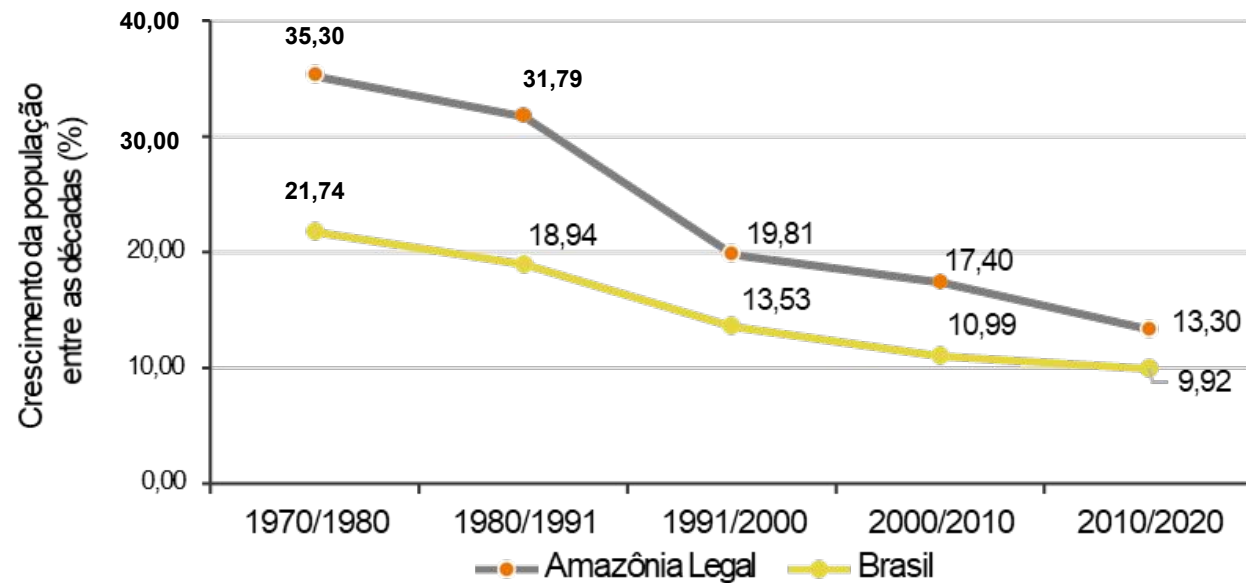
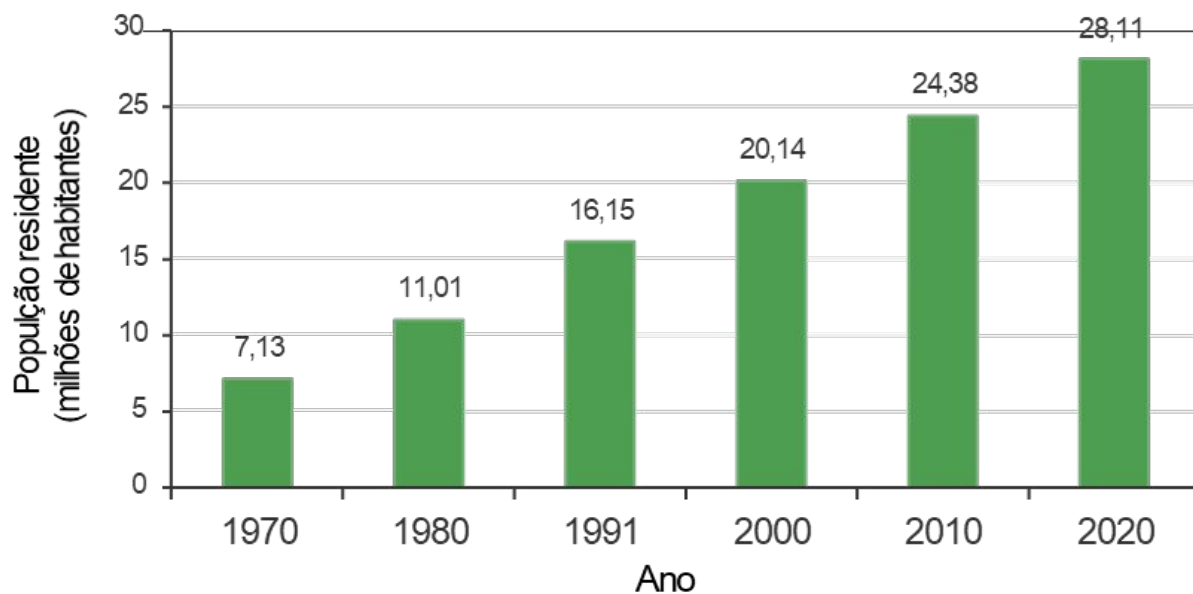
OUR MISSION

Science as a driver of the transition to a
model of sustainable development for the
Amazon

GENERAL CHARACTERISTICS OF THE LEGAL AMAZON



It is inhabited by 28,11 million people, about 13.3% of the Brazilian population



Area, population, and number of municipalities

States	Area (km2)	Number of municipalities	Population in 2020 (inhabitants)	Population density (inhab/km)
Acre	164,124.09	22	894,470	5.45
Amapá	142,470.83	16	861,773	6.05
Amazonas	1,559,167.85	62	4,207,714	2.70
Maranhão	261,989.28	183	5,914,375	22.57
Mato Grosso	903,207.68	141	3,526,220	3.90
Pará	1,245,759.12	144	8,680,745	6.98
Rondônia	237,765.37	52	1,796,460	7.56
Roraima	224,273.66	15	631,181	2.81
Tocantins	277,720.39	139	1,590,248	5.73
Legal Amazon	5,016,478.27	774	28,113,186	5.60
Brazil	8,510,295.914	5,570	211,755,692	24.88

The region's GDP in 2018 was BRL 613,3 billion, only 8.76% of the Brazilian GDP

States	GDP (BRL billions)	GDP per capita (BRL thousand)	Employed population in 2019 (thousand inhabitants)
Acre	15.3	17.6	306
Amapá	16.8	20.2	329
Amazonas	100.1	24.5	1,651
Maranhão	98.2	15.1	2,278
Mato Grosso	137.4	39.9	1,698
Pará	161.3	19.0	3,541
Rondônia	44.9	25.6	815
Roraima	13.4	23.2	221
Tocantins	35.7	22.9	653
Legal Amazon	613.3	22.3	11,492
Brazil	7,004.1	33.6	94,642

FOREST COVERAGE, DEFLORESTATION, AND DEGRADATION IN THE LEGAL AMAZON

An aerial photograph of a vast, lush green Amazon rainforest. A wide, muddy-brown river winds through the dense forest, creating a meandering path. The forest is a vibrant green, and the river's banks are also covered in vegetation. The sky is a pale blue, suggesting a clear day.

The Amazon rainforest stores approximately

120 billion tons
of CO₂

The equivalent of 10 years of
global fossil fuel consumption

A photograph of a forest fire. The scene is filled with thick, yellowish-brown smoke that obscures the background. In the foreground, several charred and blackened tree trunks stand as sentinels. Some branches are broken and lying on the ground. A small fire is visible in the lower center, with bright orange flames and smoke rising from it. The overall atmosphere is one of destruction and loss.

More than **45,000 km²**
of native Amazon forest
were destroyed by fires in
the last four years

This is the highest rate of
deforestation since the
beginning of the 2000s

The preservation of the Amazon is one of
humanity's biggest and most complex
problems

SPECIFIC OBJECTIVES OF THE INITIATIVE

1

Identification of concrete research challenges in the Legal Amazon;

2

Financing of mission-oriented research

3

Strengthen the regional and intra-regional ST&I infrastructure

4

Fund collaborative research with the involvement of local actors

5

Mobilize local researchers and their external partners

6

Integrate the scientific and traditional knowledge already produced by the region;

7

Engage the local community in the Initiative

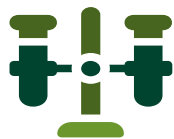
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Give practical knowledge back to communities in the region

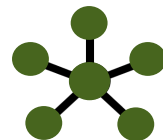
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Communicate widely the results of funded research.

LINES OF ACTION



**Challenges for
the Amazon**



**Calls for
Projects**



**Scientific
Expeditions**



**Infrastructure Modernization and
Technical Training in ST&I**



**Mobility
Program**



**Scientific
Communication and
Dissemination**

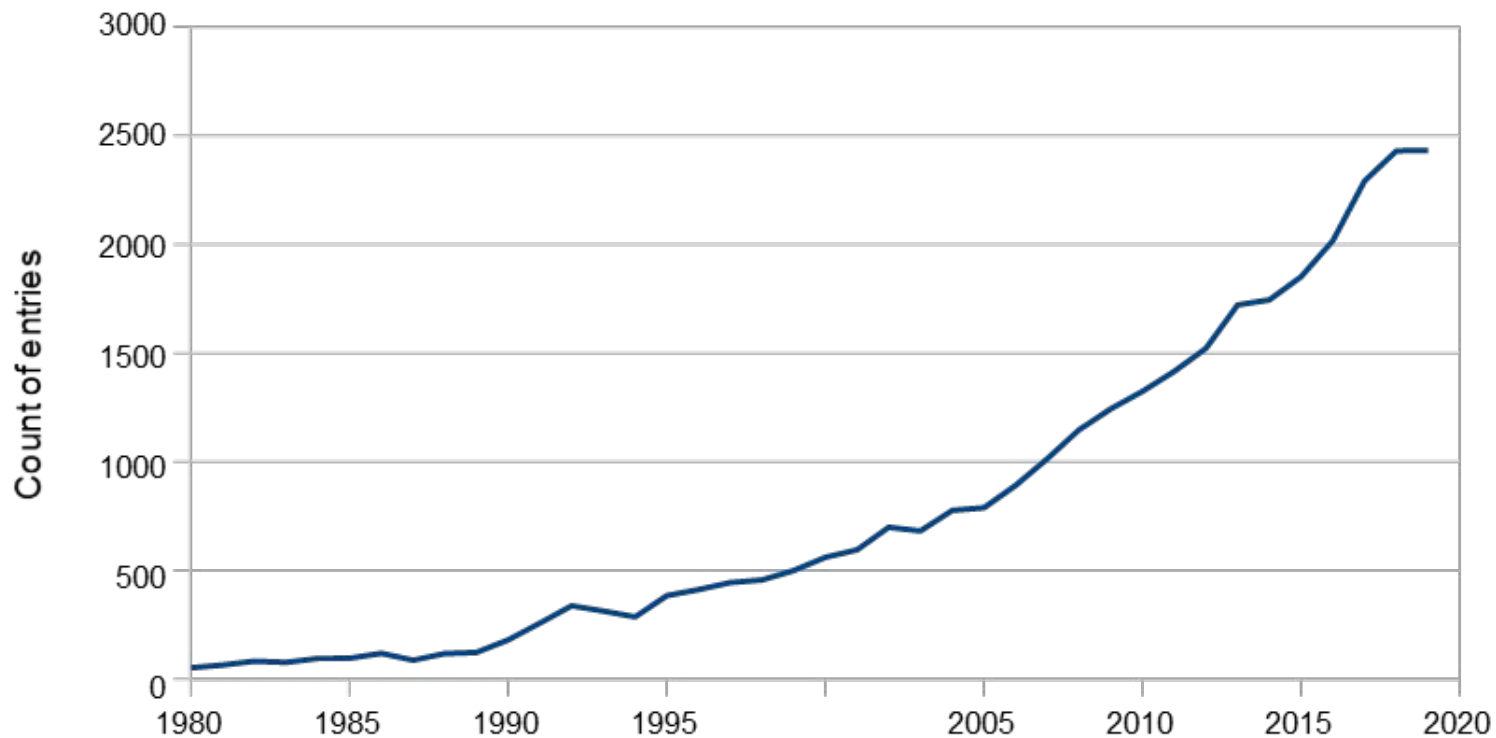
CHALLENGES FOR THE AMAZON

Mission-oriented projects seek to address a paradox of the scientific production

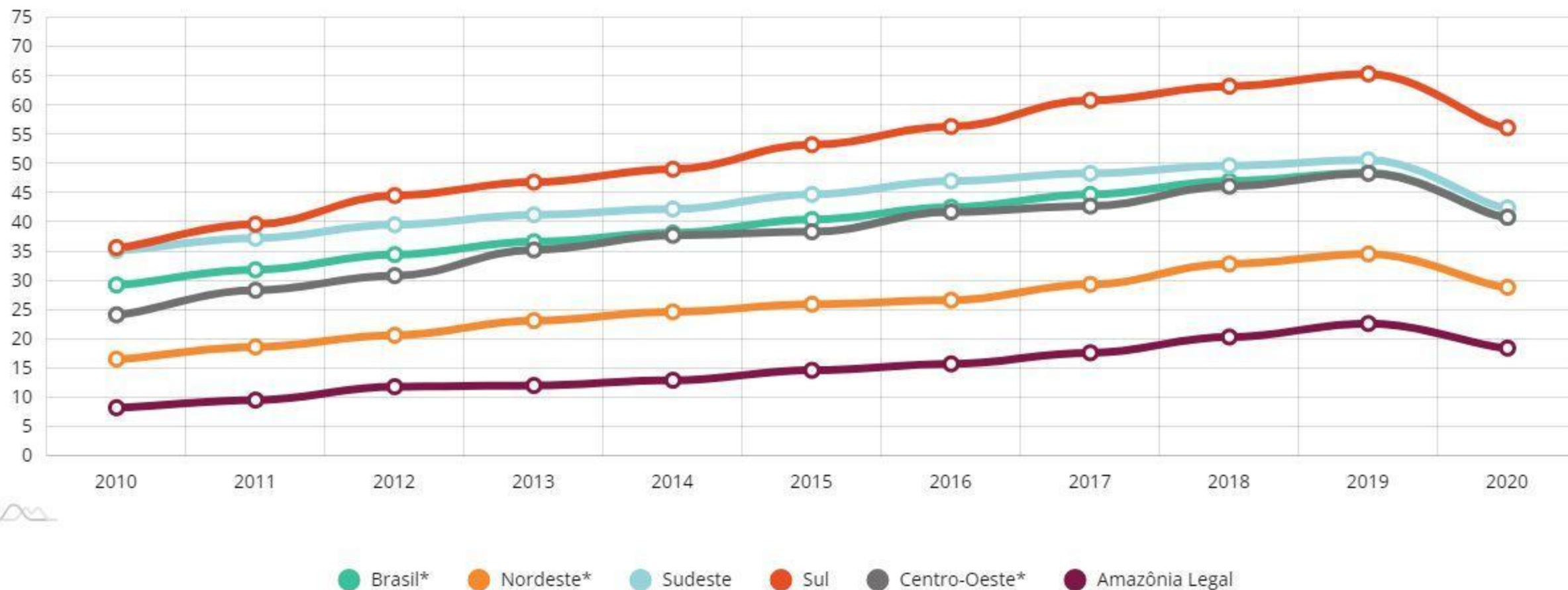
There is potential for transformation

But sometimes research does not have the desired impact

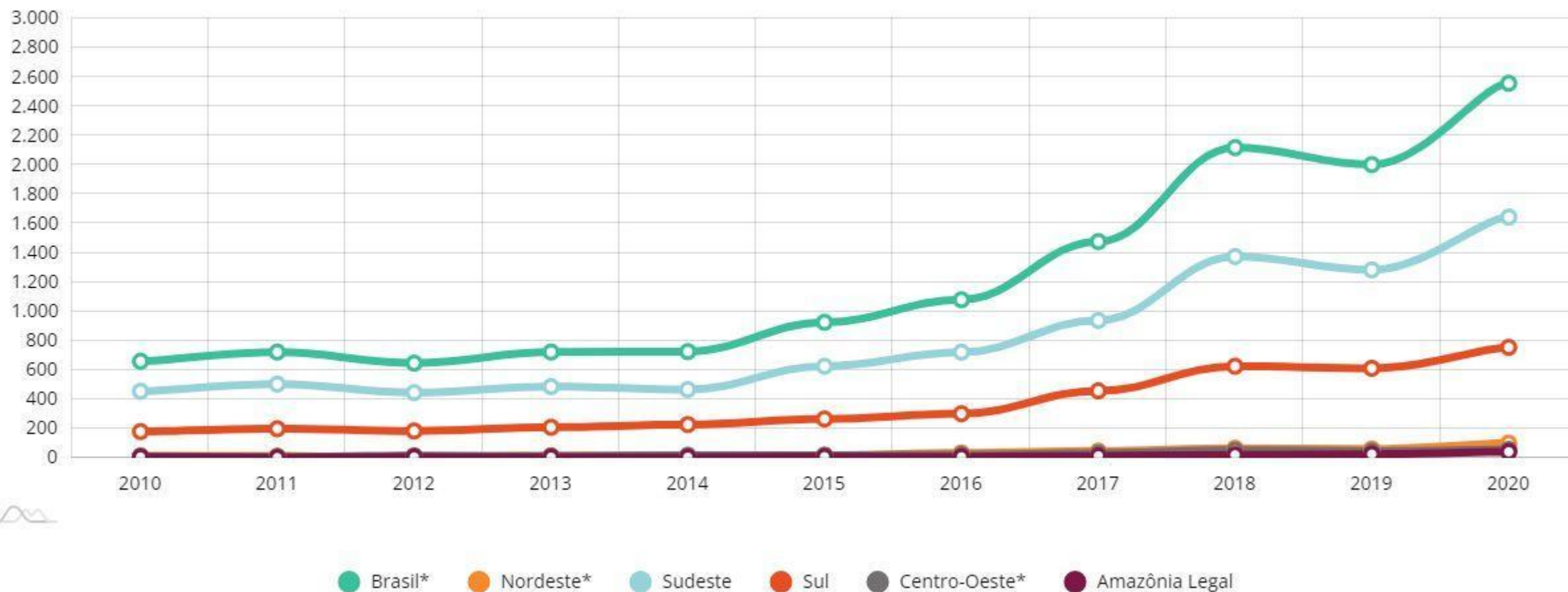
Global scientific production on the Amazon has increased exponentially over the last 40 years



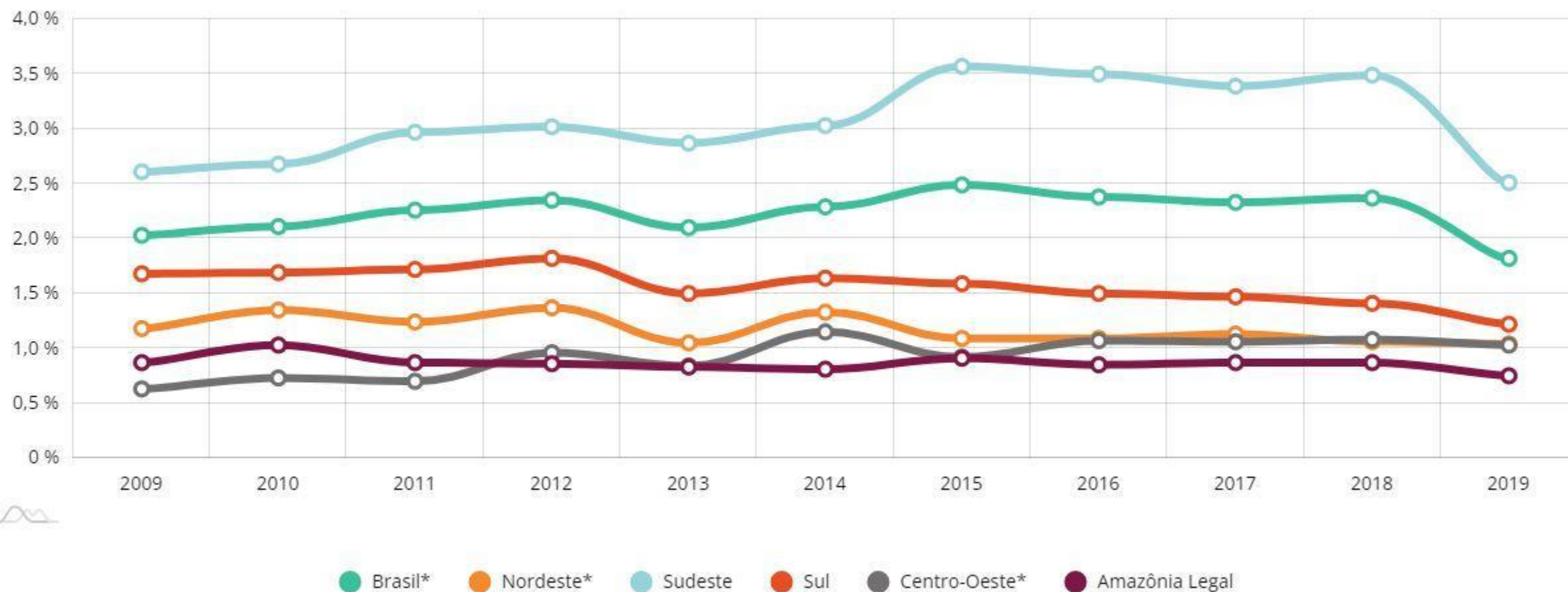
But the region still faces problems, with a rate of only 19 MScs and Ph.Ds per 100,000 inhabitants, against 41 in the rest of the country



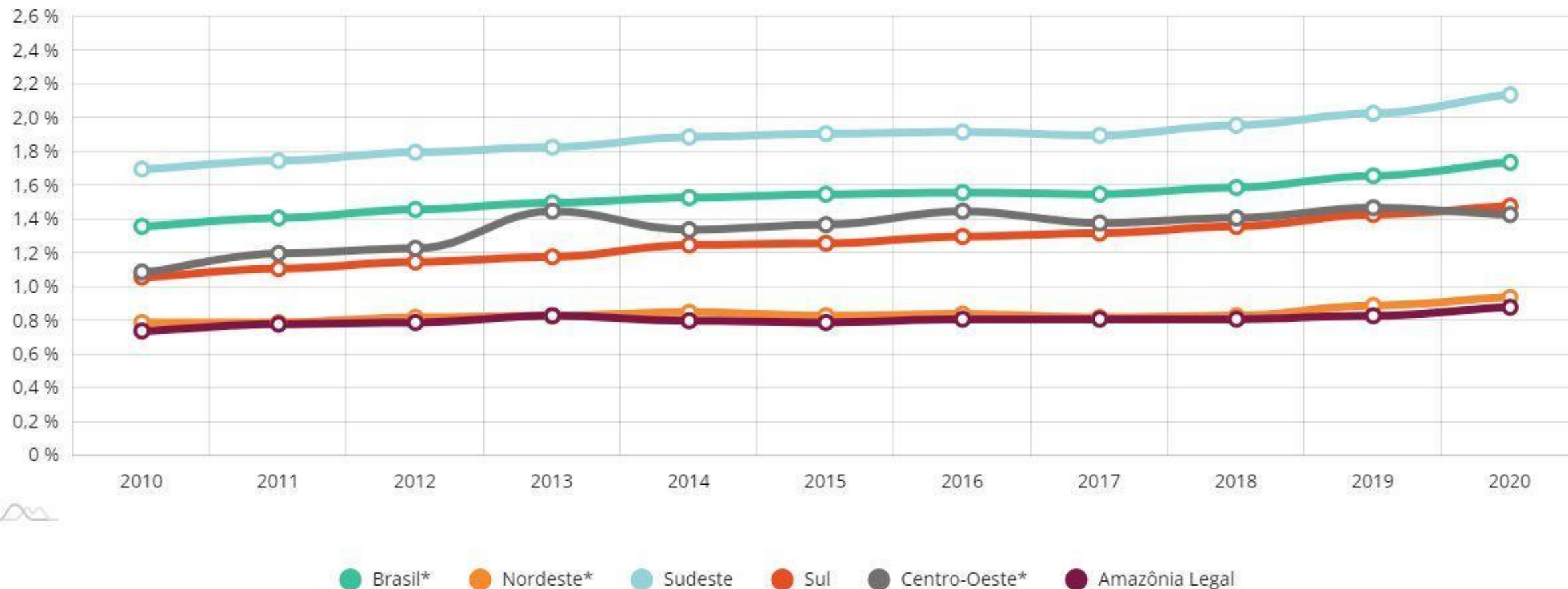
In the entire Legal Amazon, only 42 patents were granted throughout 2020. In four states, no patents were granted.



The Legal Amazon also had the lowest share of S&T expenditures in the Brazilian regions, at just 0.75% in 2019



Only 0.88% of employment contracts are in technical-scientific occupations, the lowest rate in the country



The challenges will be structured around four previously defined pillars



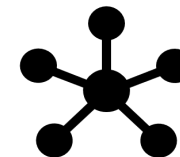
**Biodiversity and
Climate Change**



**Protection of
Traditional
Communities**

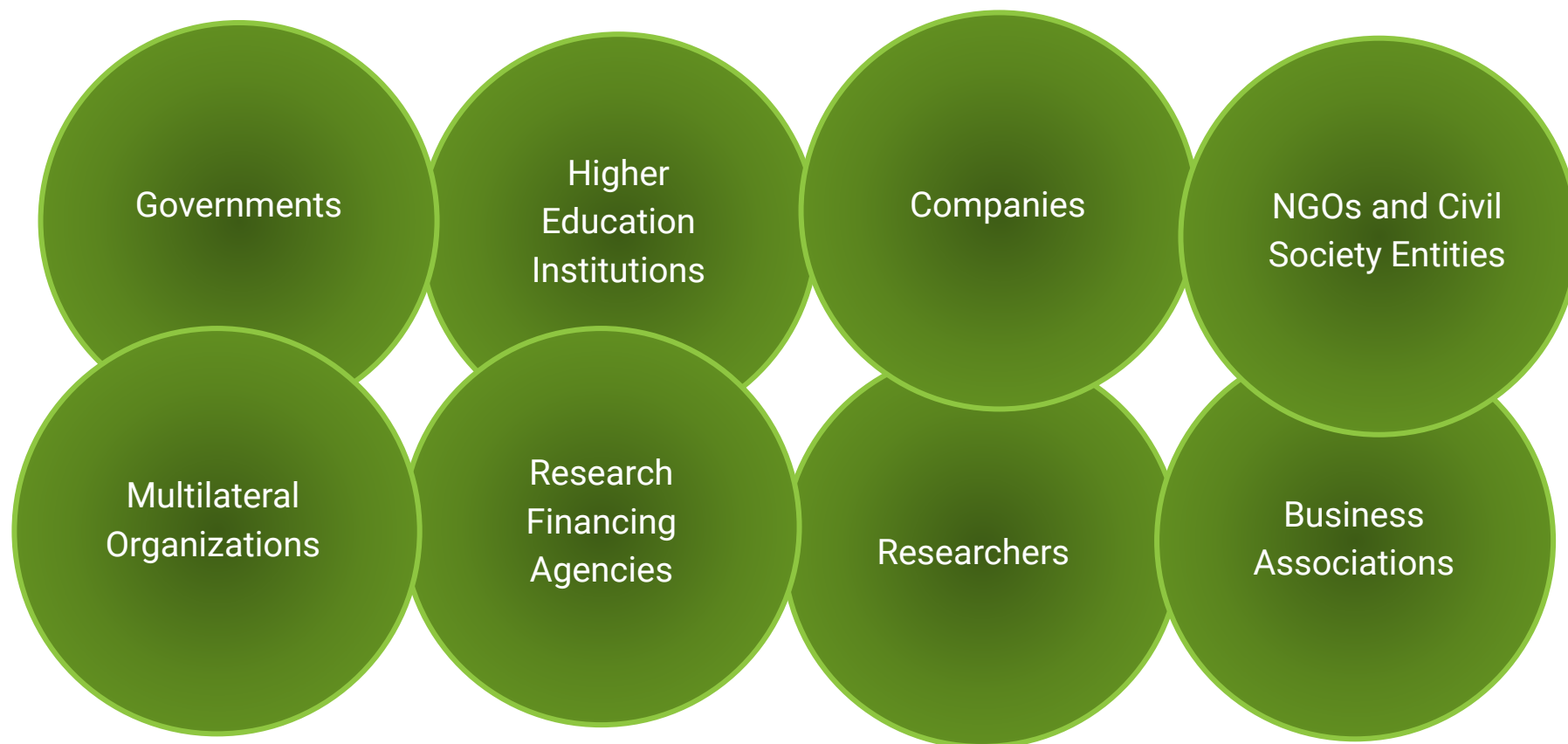


**Urban Challenges
of the Legal
Amazon**



**Bioeconomy as a Policy
for the Economic
Development**

Creation of a community of public and private actors to define research priorities



The challenges will be explored by these actors in 14 major areas

Agriculture

Fruit Growing

Fishing and Aquaculture

Forests and Land Use

Forest Resources
(non-timber)

Forestry Production (wood
extraction and forestry)

Industry

Mining

Energy and Biofuels

Logistics and Mobility

Cities and Infrastructure

Water and Sanitation

Waste Management

Financial Sector

The challenges will be organized in four stages

Prospection and description of challenges

Development of research, prototyping, and structuring of pilot projects for the proposed solutions

Research selection and funding

Practical application of the technological solutions developed and assessment of their economic and environmental sustainability, as well as their scalability

The level of engagement of the partners will depend on the type of cooperation to be built

Non-financial collaboration on specific topics for prospecting and describing challenges

Co-funding of collaborative research between research institutions and small companies in thematic areas

Development and support for long-term cooperative ST&I projects in thematic areas

Co-funding of research in thematic areas (without joint research by partners)

Collaboration between researchers from research institutions and partner entities

Support and funding for piloting and implementing the technological solutions developed

MOBILITY PROGRAM

Mobility as engagement and as a strategy for the effectiveness and efficiency of the Amazon ST&I system

SHORT TERM

Short and medium-term research internships for high school, undergraduate, and graduate students

LONG TERM

Institutional training of Research Units in the Amazon region through long-term mobility actions for Brazilian or foreign researchers



INFRASTRUCTURE MODERNIZATION AND TECHNICAL TRAINING IN ST&I

Leveraging institutions to position them as reference centers in biotechnology

Identification and
research laboratories in
natural active principles

Libraries of natural
compounds
extracted from
biodiversity

Various data
centers for
biotechnology
development

Virtual and physical
repositories of
Amazonian
sociobiodiversity

SCIENTIFIC EXPEDITIONS

Cooperation between Brazilian and foreign research institutions for field or laboratory work

Collection of Data and Scientific Materials

Storage and Cataloging in National Institutions of the Legal Amazon

Regularity and Focus on Environmental Protection Areas



SCIENTIFIC COMMUNICATION AND DISSEMINATION

Collaborative platform with networks, its own website, and connection with national and international media





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**1ST CALL FOR
PROJECTS**

152

PROPOSALS SUBMITTED

BRL 143,471,685

TOTAL VALUE OF SUBMITTED PROJECTS

All states integrating the Initiative received proposals

Pará	82
São Paulo	72
Amazonas	70
Amapá	36
Rio de Janeiro	35
Rondônia	27
Maranhão	24
Acre / Santa Catarina	21
Mato Grosso / Paraná	20

Rio Grande do Sul	19
Tocantins	12
Distrito Federal	11
Espírito Santo	10
Paraíba / Pernambuco	9
Piauí	8
Goiás	5
Alagoas	4

39

FINANCED PROJECTS

BRL 41,982,844.32

TOTAL FINANCING AMOUNT

States	Value (BRL)	No. of projects
São Paulo	14,632,126.26	20
Pará	5,359,256.93	20
Amazonas	7,193,429.74	16
Rio de Janeiro	5,236,696.22	11
Amapá	972,085.23	11
Paraná	3,359,331.00	10
Rondônia	436,805.20	8
Acre	553,644.93	6
Tocantins	712,753.30	5
Santa Catarina	501,573.00	5

States	Value (BRL)	No. of projects
Maranhão	458,876.00	5
Mato Grosso	856,489.60	4
Paraíba	495,234.74	3
Rio Grande do Sul	250,000.00	3
Distrito Federal	334,400.00	3
Goiás	200,000.00	2
Pernambuco	199,895.28	2
Alagoas	200,000.00	2
Piauí	30,246.80	1

CHECK THE RESULTS ON THE INITIATIVE WEBSITE
www.amazoniamaisdez.org.br

	Project title	States involved	Leading researcher	Researcher's home institution	Global value of the project (BRL)
1	Physiological parameters and risk analysis for zoonotic pathogens in Araguaia botos (<i>Inia araguaiaensis</i>) under environmental impacts in the One Health context	Alagoas Pará Pernambuco	Abelardo Silva Júnior Frederico Ozanan Barros Monteiro Rinaldo Aparecido Mota	Universidade Federal de Alagoas (UFAL) Universidade Federal Rural da Amazônia (UFRA) Universidade Federal Rural de Pernambuco (UFRPE)	458,845.28
2	Epidemiological surveillance of acute febrile diseases in border areas of the Western Brazilian Amazon: epidemiology, clinical, and infectious aspects	Amazonas Rio de Janeiro Rondônia	Felipe Gomes Naveca Martha Cecilia Suárez-Mutis Deusilene Souza Viera Dall'Acqua	Fiocruz Amazônia (Instituto Leônidas e Maria Deane) Fundação Oswaldo Cruz (RJ) Fundação Oswaldo Cruz (RO)	1,056,884.00
3	Green energy, sustainable life: boosting school education, transmission of traditional practices, and income generation among the indigenous peoples of the Lower Oiapoque and Mapuera-Trombetas-Nhamundá (Calha Norte)	Amapá Pará São Paulo	Elissandra Barros da Silva Lilian Rebellato Artionka Manuela Góes Capiberibe	Universidade Federal do Amapá (UNIFAP) Universidade Federal do Oeste do Pará (UFOPA) Universidade Estadual de Campinas (UNICAMP)	1,783,913.00
4	Climate change and Amazonian sociobiodiversity: perspectives from the herpetofauna	Amazonas Paraíba Paraná São Paulo Tocantins	Fernanda de Pinho Werneck Daniel Oliveira Mesquita Fabricius Maia Chaves Bicalho Domingos Tiana Kohlsdorf Thiago Costa Gonçalves Portelinha	Instituto Nacional de Pesquisas da Amazônia (INPA) Universidade Federal da Paraíba (UFPB) Universidade Federal do Paraná (UFPR) Universidade de São Paulo (USP) Universidade Federal do Tocantins (UFT)	1,499,375.44
5	PAMPA network to assess the impact of environmental degradation on the dynamics of circulation of emerging and reemerging viruses in the Amazon region	Amazonas Pará São Paulo	Pritesh Jaychand Lalwani Lívia Caricio Martins José Luiz Proença Modena	Fundação Oswaldo Cruz (AM) Instituto Evandro Chagas Universidade Estadual de Campinas (UNICAMP)	1,250,000.00
6	Water sharing and resilience of a unique socio-ecological system in the Xingu river	Amazonas Pará São Paulo	Camila Cherem Ribas Janice Cunha André Oliveira Sawakuchi	Instituto Nacional de Pesquisas da Amazônia (INPA) Universidade Federal do Pará (UFPA) Universidade de São Paulo (USP)	1,170,600.00
7	Integrating local knowledge and science in search of solutions for ecological restoration in the face of climate change in the Mato Grosso Amazon	Distrito Federal Mato Grosso Rio de Janeiro	Isabel Belloni Schmidt Pedro V. Eisenlohr Maura da Cunha	Universidade de Brasília (UnB) Universidade do Estado do Mato Grosso (UNEMAT) Universidade Estadual do Norte Fluminense (UENF)	831,611.02

	Project title	States involved	Leading researcher	Researcher's home institution	Global value of the project (BRL)
8	"Inov'Açaí" - Co-construction of knowledge, innovations and public policies for the sustainability of community production in the Amazon Bioeconomy	Amapá Distrito Federal Pará Paraíba	Paulo Gustavo Pellegrino Correa Janaína Deane de Abreu Sá Diniz Hervé Louis Ghislain Rogez Eliane Superti	Universidade Federal do Amapá (UNIFAP) Universidade de Brasília (UnB) Universidade Federal do Pará (UFPA) Universidade Federal da Paraíba (UFPB)	524,400.00
9	Production chains of the peoples of the water and the forest: furthering and co-participative cataloging	Amapá Santa Catarina Tocantins	Antonio Sergio Monteiro Filocreão Cristiane Mansur de Moraes Souza Miguel Pacífico Filho	Universidade Federal do Amapá (UNIFAP) Universidade Regional de Blumenau (FURB) Universidade Federal do Norte do Tocantins (UFNT)	301,604.00
10	Sociobiodiverse territories in Maranhão and Pará: Environment, knowledge and sustainability	Maranhão Pará São Paulo	Benedito Souza Filho Diego Martinez Emília Pietrafesa de Godoi	Universidade Federal do Maranhão (UFMA) Universidade Federal do Oeste do Pará (UFOPA) Universidade Estadual de Campinas (UNICAMP)	847,361.20
11	Socio-environmental characterization, diagnosis of territorial management and analysis of the potential for sustainability in Vale do Guaporé, Rondônia: challenges for the development of sustainable tourism, water management and environmental education	Amapá Paraná Rondônia São Paulo	Nubia Deborah Araujo Caramello Irene Carniatto de Oliveira Nara Luisa Reis de Andrade Frederico Yuri Hanai	Instituto Federal do Amapá (IFAP) Universidade Estadual do Oeste do Paraná (UNIOESTE) Universidade Federal de Rondônia (UNIR) Universidade Federal de São Carlos (UFSCAR)	719,320.00
12	Carbon footprint and impacts of aquaculture expansion in the Amazon	Tocantins Rondônia São Paulo	Balbino Antonio Evangelista Carolina Rodrigues Costa Doria Jean Pierre Henry Balbaud Ometto	Embrapa Pesca e Aquicultura Universidade Federal de Rondônia (UNIR) Instituto Nacional de Pesquisas Espaciais (INPE)	538,423.44
13	Advances in the treatment of snakebites in isolated communities in the North of Brazil: evaluation of the efficacy of available antivenoms, pre-clinical studies that enable alternative treatments, and decentralization of antivenom distribution to remote areas of Amazon	Amazonas São Paulo Acre	Wuelton Marcelo Monteiro Ana Maria Moura da Silva Paulo Sérgio Bernarde	Fundação de Medicina Tropical Dr. Heitor Vieira Dourado (FMT-HVD) Instituto Butantan Universidade Federal do Acre (UFAC)	1,030,284.92
14	Generation and integration of biomass and photovoltaic energies with strengthening of production chains in isolated communities in the Amazon River estuary	Amapá Rio de Janeiro São Paulo	Werbesson Douglas de Oliveira Fábio David Alves Aarão Reis Hilton Thadeu Zarate do Couto	Universidade Federal do Amapá (UNIFAP) Universidade Federal Fluminense (UFF) Universidade de São Paulo (USP)	2,042,970.25

	Project title	States involved	Leading researcher	Researcher's home institution	Global value of the project (BRL)
15	Scientific and technological prospection for the sustainable development of antimicrobial bioactives from Amazonian plant residues	Pará	Sidnei Santos	Universidade Federal do Sul e Sudeste do Pará (UNIFESSPA)	894,060.00
		Paraná	Gerson Nakazato	Universidade Estadual de Londrina (UEL)	
		Rio de Janeiro	Helena Keiko Toma	Universidade Federal do Rio de Janeiro (UFRJ)	
16	Bioeconomics strategies for sustainable recovery of cocoa production chain in southwest of Amazon	Amazonas	Douglas Marcelo Pinheiro da Silva	Universidade Federal do Amazonas (UFAM)	834,622.45
		Rondônia	Sylviane Beck Ribeiro	Universidade Federal de Rondônia (UNIR)	
		São Paulo	Renato de Mello Prado	Universidade Estadual Paulista (UNESP)	
17	Polycentric governance, climate change, and sustainable development in the Pan-Amazon region	Tocantins	Cynthia Mara Miranda	Universidade Federal do Tocantins (UFT)	2,664,664.22
		Rio de Janeiro	Fabiano Guilherme Mendes Santos	Universidade Estadual do Rio de Janeiro (UERJ)	
		Amapá	Ivan Henrique de Mattos e Silva	Universidade Federal do Amapá (UNIFAP)	
		Rondônia	João Paulo Saraiva Leão Viana	Universidade Federal de Rondônia (UNIR)	
		Acre	Luci Maria Teston	Universidade Federal do Acre (UFAC)	
		Mato Grosso	Maria Cristina Martin de Figueiredo Bacovis	Universidade do Estado do Mato Grosso (UNEMAT)	
		Amazonas	Marilene Corrêa da Silva Freitas	Universidade Federal do Amazonas (UFAM)	
18	Innovation for Creating Sustainable Value: Understanding Global Value Chains in the Amazon	Pará	Rodrigo Dolandeli dos Santos	Universidade Federal do Pará (UFPA)	1,446,748.82
		Amazonas	João Vitor Campos e Silva	Instituto Juruá	
		Rio de Janeiro	Cláudio F. Szlafsztein	Universidade Federal do Pará (UFPA)	
		São Paulo	Yan Vieites	Fundação Getúlio Vargas (RJ)	
19	Evaluation and monitoring of alternative initiatives to the deforestation in southwestern Brazilian Amazon	São Paulo	José Antonio Puppim de Oliveira	Fundação Getúlio Vargas (SP)	848,576.00
		ACRE	Fernando Augusto Schmidt	Universidade Federal do Acre (UFAC)	
		PARÁ	Grazielle Teodoro	Universidade Federal do Pará (UFPA)	
20	BIORE-AMAZONIA Biorefinery of Amazonian fruit: an approach to intensify the recovery of essential oils, bioactive molecules and high-value products to amplify the economic and social impact for producers in Pará.	SÃO PAULO	Ademar Ribeiro Romeiro	Universidade Estadual do Campinas (UNICAMP)	800,000.00
		Pará	Luiza Silva	Universidade Federal do Pará (UFPA)	
		Rio Grande do Sul	Cesar V. Rombaldi	Universidade Federal de Pelotas (UFPEL)	
		Santa Catarina	Sandra Regina Salvador Ferreira	Universidade Federal de Santa Catarina (UFSC)	
		São Paulo	Rosiane Lopes da Cunha	Universidade Estadual de Campinas (UNICAMP)	

	Project title	States involved	Leading researcher	Researcher's home institution	Global value of the project (BRL)
21	Innovation and technology transfer network for sustainable production of Amazon river prawn by traditional communities	Amapá Pará Paraná Rio de Janeiro	Jô de Farias Lima Cristiana Ramalho Maciel Eduardo Luis Cupertino Ballester Dália dos Prazeres Rodrigues	Embrapa Amapá Universidade Federal do Pará (UFPA) Universidade Federal do Paraná (UFPR) Fundação Oswaldo Cruz (RJ)	968,800.50
22	Bioconversion of Amazonian lignocellulosic residues by macrofungi of this biome, as an innovative and sustainable platform for the production of mycoproteins enriched in vitamins and bioactive polysaccharides	Amazonas Goiás Rio Grande do Sul	Ceci Sales da Gama Campos Elaine Rosehrer Carbonero Marli Camassola	Instituto Nacional de Pesquisas da Amazônia (INPA) Universidade Federal de Catalão (UFCAT) Universidade de Caxias do Sul (UCS)	700,000.00
23	Going beyond the first harvest cycle in the rainforests of the Brazilian Amazon	Mato Grosso Pará São Paulo	Samuel de Pádua Chaves e Carvalho Ademir Roberto Ruschel Edson José Vidal da Silva	Universidade Federal do Mato Grosso (UFMT) Embrapa Amazônia Oriental Universidade de São Paulo (USP)	2,028,731.35
24	Innovation and sustainable transition: basket of goods and services in Amazonian territories	Maranhão Pará Paraná Santa Catarina	Itaan Santos Monique Medeiros Sandra Mara de Alencar Schiavi Ademir Antonio Cazella	Universidade Estadual do Maranhão (UEMA) Universidade Federal do Pará (UFPA) Universidade Estadual de Maringá (UEM) Universidade Federal de Santa Catarina (UFSC)	799,564.00
25	Strengthening the Brazil nut value chain: an approach focused on the Vale do Amanhecer Farmers Cooperative (Jurueña/MT)	Mato Grosso Paraná Rio de Janeiro São Paulo	Katiuchia Pereira Takeuchi Lúcio Cardozo Filho Nádia Rosa Pereira Eduardo Augusto Caldas Batista	Universidade Federal do Mato Grosso (UFMT) Universidade Estadual de Maringá (UEM) Universidade Estadual do Norte Fluminense (UENF) Universidade Estadual de Campinas (UNICAMP)	1,631,929.72
26	Forest restoration models: income generation, reduction of deforestation and valorization of forest remnants of family farmers and Amazonian indigenous communities	Acre Rondônia Amazonas	Evandro José Linhares Ferreira Raimundo Cajueiro Leandro Sonia Sena Alfaia	Núcleo de Pesquisas no Acre (NAPAC/INPA) Instituto Nacional de Pesquisas da Amazônia (INPA/RO) Instituto Nacional de Pesquisas da Amazônia (INPA)	659,991.33
27	Integral use of cupuaçu, Amazon nut and pracaxi almonds: production of oils for food use and sustainable products with high added value	Amapá Pará Rio de Janeiro	Valéria Saldanha Bezerra Fagner Sousa de Aguiar Brasil Otniel Freitas Silva	Embrapa Amapá Universidade Federal Rural da Amazônia (UFRA) Embrapa (RJ)	631,866.24

	Project title	States involved	Leading researcher	Researcher's home institution	Global value of the project (BRL)
28	Secondary phosphorus recovery for ecological agriculture in amazon soils: evaluation of the fertilizing potential of struvite from aquaculture effluents wastewater	Amapá Maranhão Pará	Fernando Henrique Silva Garcia Adenilson Oliveira dos Santos Rose Caldas de Souza Meira	Universidade Federal do Amapá (UNIFAP) Universidade Federal do Maranhão (UFMA) Universidade Federal do Oeste do Pará (UFOPA)	375,200.0
29	Breu Branco Pitch as a Bioproducts Platform: From Fuel to Sustainable Polymers	Amazonas Maranhão Rio de Janeiro	Luiz Kleber Carvalho de Souza Marcio Aurelio Pinheiro Almeida Maria Inês Bruno Tavares	Universidade Federal do Amazonas (UFAM) Universidade Federal do Maranhão (UFMA) Universidade Federal do Rio de Janeiro (UFRJ)	1,599,157.72
30	Eco-epidemiology of infectious diseases in landscapes of the Amazon region under the effect of deforestation: implications for One Health	Acre São Paulo Rondônia	Andreia Fernandes Brilhante Márcia Aparecida Sperança Moreno Magalhães de Souza Rodrigues	Universidade Federal do Acre (UFAC) Universidade Federal do ABC (UFABC) Fundação Oswaldo Cruz (RO)	837,815.82
31	Environmental contaminants and multiple exposure risks in the Eastern Brazilian Amazon	Amapá Distrito Federal Pará	Alexandro Cezar Florentino Carlos José Sousa Passos Tânia Maria Pires Moraes	Universidade Federal do Amapá (UNIFAP) Universidade de Brasília (UnB) Universidade Federal do Oeste do Pará (UFOPA)	300,000.00
32	Strengthening the production chains of babaçu, buriti, and Brazil nut through the sustainable production of protein concentrates, oils, and bioactive peptides	Amazonas Piauí São Paulo	Francisco Xavier Nobre Edivan Carvalho Vieira Emanuel Carrilho	Instituto Federal do Amazonas (IFAM) Universidade Federal do Piauí (UFPI) Universidade de São Paulo (USP)	828,069.58
33	Zoonotic risks in regions of environmental degradation of the Amazon biome: Understanding the Amazon microbiome and virome	Amapá Amazonas Goiás Paraíba Rio Grande do Sul Rondônia Santa Catarina São Paulo Tocantins	Emerson Augusto Castilho Martins Maria Paula Gomes Mourão Mariana Pires de Campos Telles Eloiza Helena Campana Fabricio Souza Campos Juan Miguel Villalobos Salcedo Glauber Wagner Camila Malta Romano José Carlos Ribeiro Júnior	Universidade Federal do Amapá (UNIFAP) Fundação de Medicina Tropical Dr. Heitor Vieira Dourado (FMT-HVD) Universidade Federal de Goiás (UFG) Universidade Federal da Paraíba (UFPB) Universidade Federal do Rio Grande do Sul (UFRGS) Fundação Oswaldo Cruz (RO) Universidade Federal de Santa Catarina (UFSC) Universidade de São Paulo (USP) Universidade Federal do Norte do Tocantins (UFNT)	1,299,390.74

	Project title	States involved	Leading researcher	Researcher's home institution	Global value of the project (BRL)
34	Amazônia + 10 no contexto das doenças negligenciadas: caracterização entomoepidemiológica da doença de Chagas em regiões amazônicas de fronteira (Brasil-Bolívia e Brasil-Peru)	São Paulo Rio de Janeiro Acre	João Aristeu da Rosa Cleber Galvão Ferreira Dionatas Ulises de Oliveira Meneguetti	Universidade Estadual Paulista (UNESP) Fundação Oswaldo Cruz (RJ) Universidade Federal do Acre (UFAC)	1,073,732.70
35	Amazonian Maritory: threats to socio biodiversity territory and guarantee of livelihoods in the traditional fishing community of Jubim, Marajó Archipelago - Salvaterra/PA	Pará Paraná São Paulo	Gustavo Moura Thiago Zagonel Serafini Leandra Regina Gonçalves Torres	Universidade Federal do Pará (UFPA) Universidade Federal do Paraná (UFPR) Universidade Federal do Estado de São Paulo (UNIFESP)	1,040,852.50
36	Resilience in riverine socio-environmental systems in the Amazon	Alagoas Amazonas Paraná	Vandick da Silva Batista Flávia Kelly Siqueira de Souza Evanilde Benedito	Universidade Federal de Alagoas (UFAL) Universidade Federal do Amazonas (UFAM) Universidade Estadual de Maringá (UEM)	962,950.00
37	Access to medicines in the Amazon: influence of the Amazon factor on pharmaceutical services	Amazonas Pará Santa Catarina	Marcelo Campese Wilson Sabino Mareni Rocha Farias	Universidade Federal do Amazonas (UFAM) Universidade Federal do Oeste do Pará (UFOPA) Universidade Federal de Santa Catarina (UFSC)	518,604.83
38	Technological innovations for monitoring, vector control and etiological agents of malaria and dengue in the Amazon.	Amazonas Maranhão Paraná	Rosemary Aparecida Roque Joelma Soares da Silva João Antônio Cyrino Zequi	Instituto Nacional de Pesquisas da Amazônia (INPA) Universidade Federal do Maranhão (UFMA) Universidade Estadual de Londrina (UEL)	900,000.00
39	Sustainable Amazon Project – Promoting social inclusion through access to electricity and potable water for local communities in the Amazon	Pará Paraná Pernambuco	Samira Carvalho Samara Silva de Souza Oswaldo Hideo Ando Júnior	Universidade Federal do Pará (UFPA) Universidade Tecnológica Federal do Paraná (UTFPR) Universidade Federal Rural de Pernambuco (UFRPE)	816,120.00



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**HOW TO ENGAGE IN
THE INITIATIVE**

There are three main mechanisms to associate yourself with the Amazon+10 Initiative

Multilateral Agreements

The institution that participates in the Initiative may at their own discretion join or not join calls for proposals or the commissioning of projects. If they join in, they undertake to analyze the merit and contribute funds to support institutions and researchers

Institutional Partnerships

Institutions that support public or private research activities in Brazil or abroad and have mechanisms to enter into contracts for projects will be invited to provide direct support for the institutions and researchers responsible for the projects selected for the Initiative

Donations

Donors will be free to contribute funds via a separate account at CONFAP, which will disburse the funds to institutions and researchers responsible for the projects selected and based in the states of Legal Amazon



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THANK YOU!