

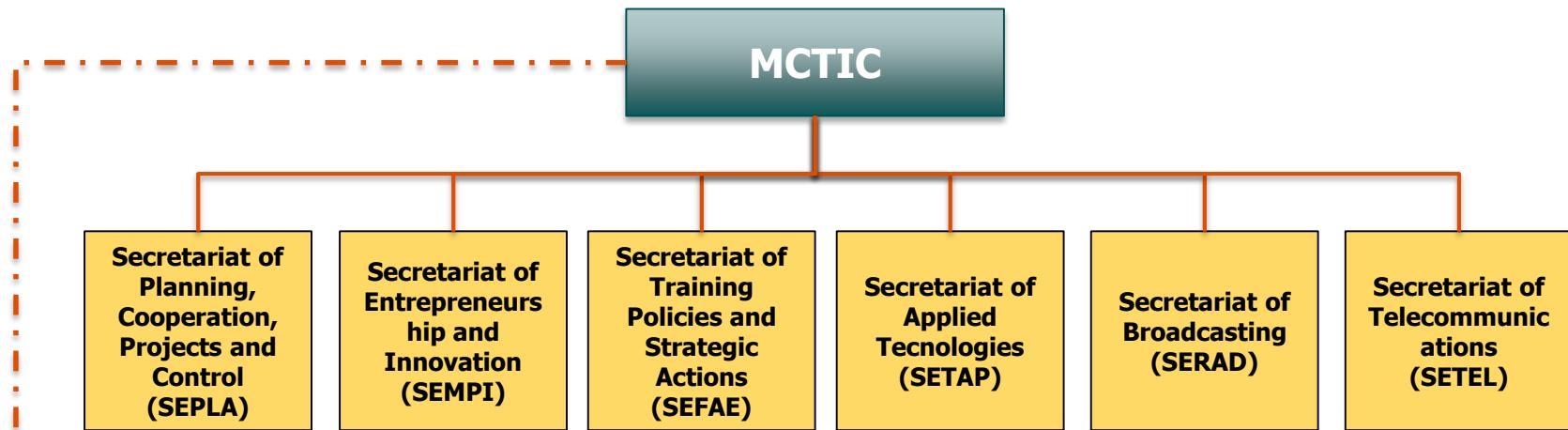


Finep
FINANCIADORA
DE INOVAÇÃO E PESQUISA

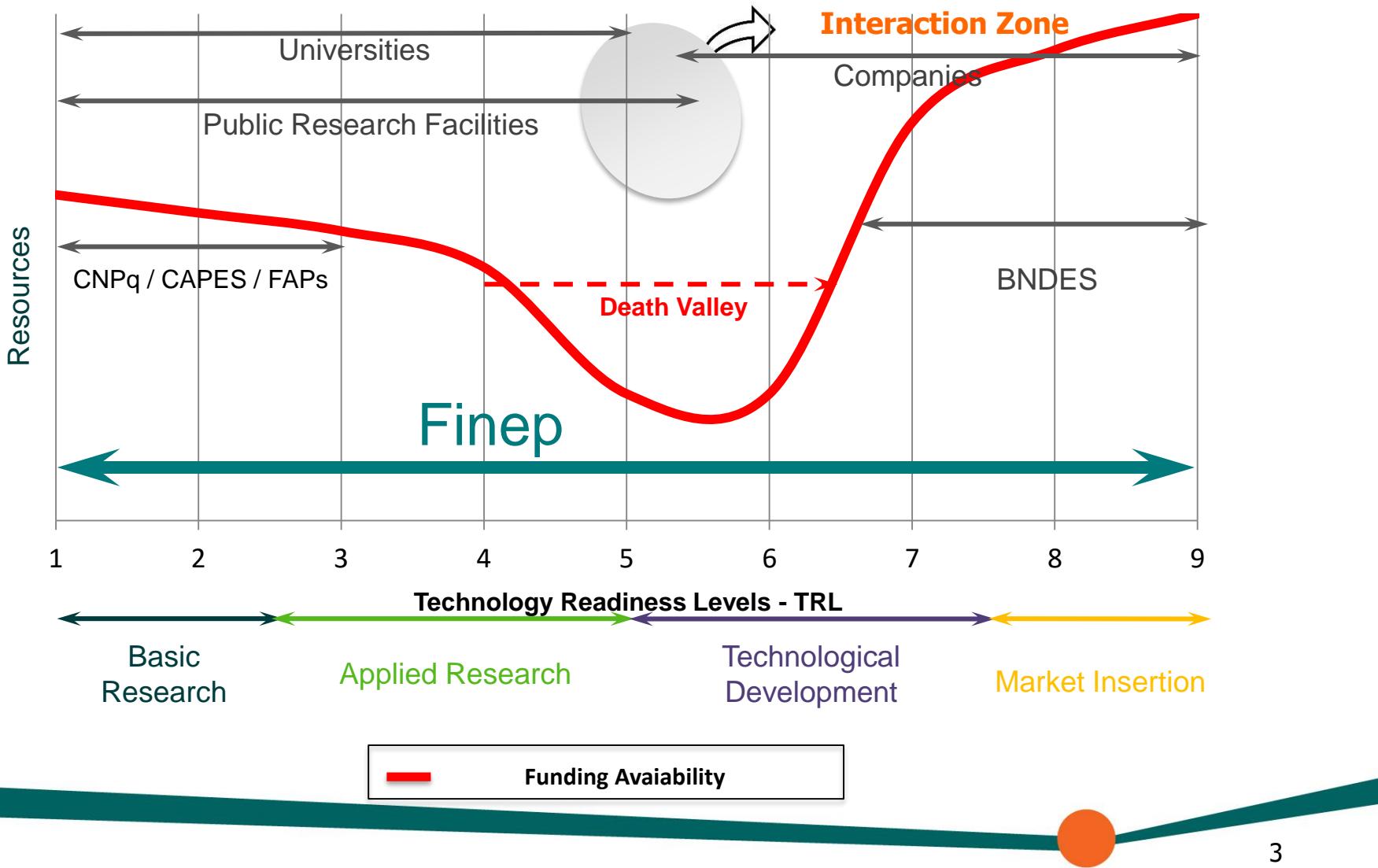


FINEP ↔ MCTIC

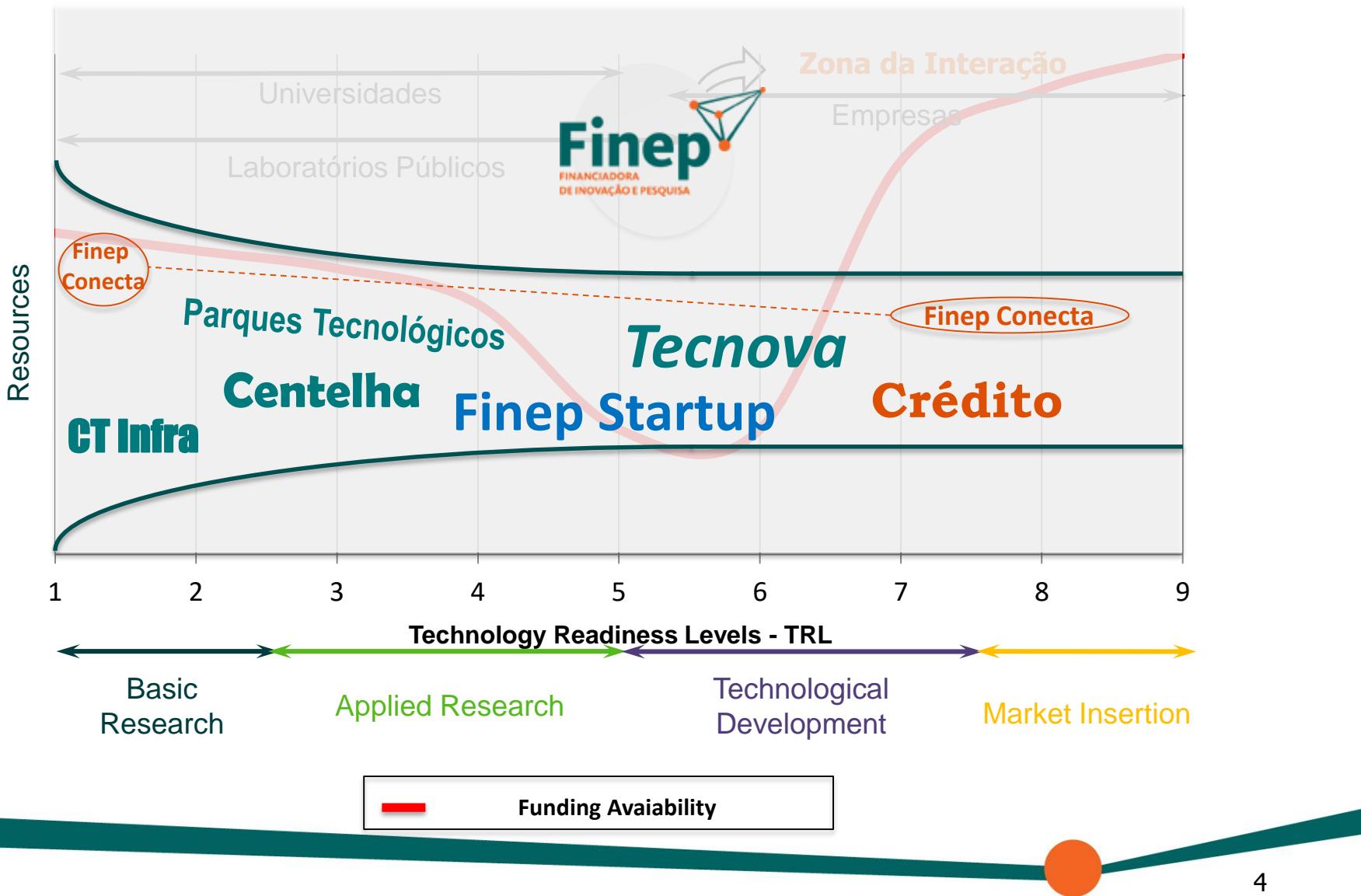
(Ministry of Science, Technology, Innovation and Communications)



Key Operating Areas



Key Operating Areas



Some Science Parks Supported by Finep:

Tecnopuc – Porto Alegre



Localização: Porto Alegre (RS)

- 151 empresas e organizações instaladas;
- 6.5 mil postos de trabalho
- 157 professores PUC/Saquarema em projetos de pesquisa

Eleito 3 vezes como o melhor parque tecnológico do Brasil pela Anprotec: 2009, 2014 e 2016.

Exemplos de Empresas e Entidades Instaladas



São José dos Campos



Localização: São José dos Campos (SP)

Principais Números:

- 330 empresas e organizações vinculadas;
- 64 empresas residentes;
- 66 empresas / projetos incubados;
- 1 Aceleradora e incubadora de Negócios;
- 118 Startups graduadas
- 1.480 postos de trabalho

92 Empresas associadas ao APL Aeroespacial e Defesa



75 Empresas associadas ao APL TICs



Porto Digital – Recife



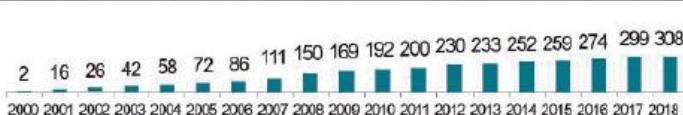
Localização: Recife (PE)

- + 300 empresas e instituições dos setores de TIC e Economia Criativa
- + 2 Incubadoras
- + 2 Aceleradoras
- + 800 empreendedores
- + 9.000 colaboradores
- + R\$ 1,4 bilhão (faturamento 2015 a 2017)

Eleito três vezes o melhor parque tecnológico do Brasil pela Anprotec: 2007, 2011 e 2015.

Empresas e Instituições Instaladas

Evolução 2000-2018



Campina Grande



Localização: Campina Grande (PB)

Principais Números

- + 100 empresas inovadoras Gradadas;
- + 400 empresas inovadoras apoiadas em todo o Estado da Paraíba;
- + 50 empresas (players nacionais e internacionais) impactadas via parcerias estabelecidas em projetos de P&I;
- Áreas de P&I em Saúde, Biomateriais & Software & Automação

Parceiros P&I



Supporting EMBRAPA



Beginning with the Hydrogen Fixation in Vegetals Project (early 70's)



Johanna Liesbeth Kubelka Döbereiner was a Brazilian agronomist engineer from **EMBRAPA** and a pioneer in soil biology.

Her researches were crucial for Brazilian efforts in developing its **Ethanol National Program**. In this particular roll, Dc. Johanna work in biological hydrogen fixation was firmly supported by Finep. This partnership allowed millions of citizens to buy more affordable and healthy food. This special achievement permitted Dc. Johanna to be listed as a Nobel Prize candidate for 1997 edition.

Supporting EMBRAPA



112 Projects over the last 15



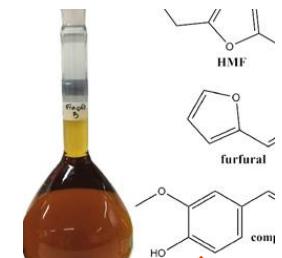
- EMBRAPA AGROENERGY IMPLEMENTATION – 2006
- AGROENERGY LABORATORIES UPGRADE (PILOT PLANT) – 2012

- AGRIBUSINESS NATIONAL NANOTECHNOLOGY LABORATORY – 2006

[Pinhão-manso](#) →
[Better oil extraction and production](#)



← [Sugarcane more Resilient to dry seasons](#)



[Lignocelulosic Biomass](#)
Fermentation inhibith process

Supporting EMBRAPA



PLURICANA (2016)

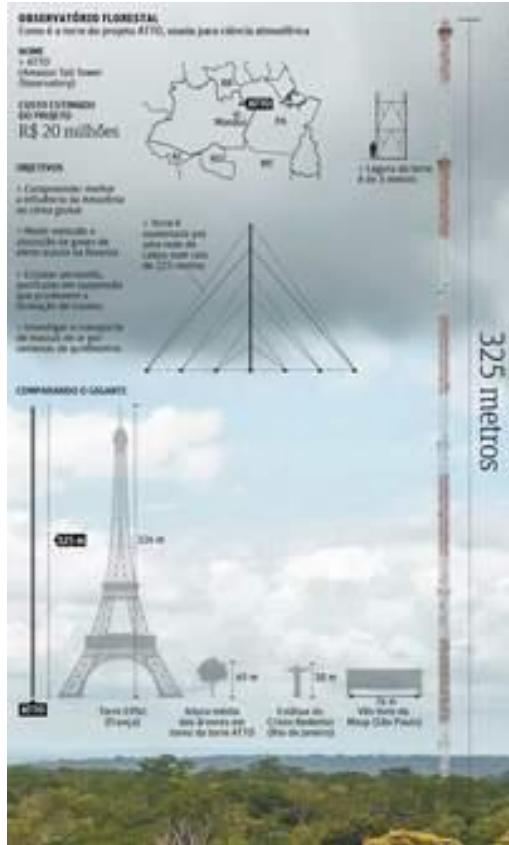
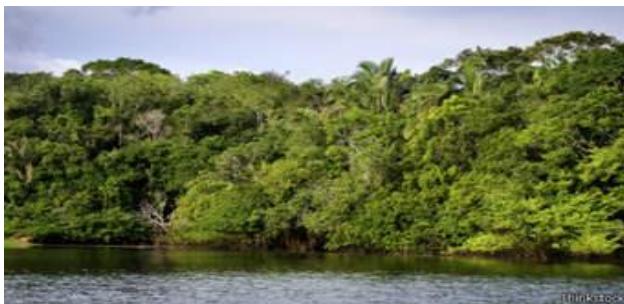
**Integrated Plurianual Program for
Research, Development and
Innovation in Sugarcane field.**



Its mission was to build a **research and development network** involving **7 EMBRAPA units, 13 universities** (all over the country), plus **2 institutions connected to agribusiness and its supply in São Paulo state**. They were devoted to integrate and enlarge the genetic base utilized for **sugarcane genetical improvement**. These actions promoted a better alignment with the classical genetical improvement already in place. Thus, we achieved better competitiveness in national and international markets.

Supporting Research in Amazon

Torre Atto - INPA



- Inaugurated in August 2015, represents a **partnership between Brazilian and Germany**, governments. It was implemented by the National Institute of Amazon Research;
- The tower (325m) will monitor the Amazon climate for a period of 20 to 30 years.

Supporting Renewable Energy Sources



Key Projects over the last 10 years

- Sodium based Advanced Batteries Development – **2011**



- Capabilities Development in Fotovoltaic Generation Connected to Low Tension Distributions Systems – **2012**

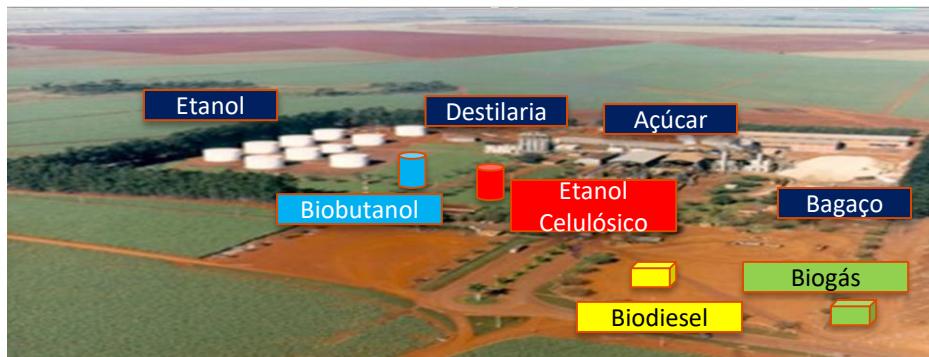
Supporting Biofuels

Dozens of Projects over the last 15 years



- RD&I dedicated to the mass production and usage of Microalgae **Biodiesel** – **2010**

- Implementation of a **Biorefinery** through the combination of celulosic ethanol production with a high performance traditional biomass energy plant – **2013**



- **Green Propene Project** – **2013**



PAISS Industrial

some cases of success ...

CTC - Centro de Tecnologia Canavieira

- Sugarcane biotechnological development
- Second Generation of Ethanol

(Economic Subsidy and Loan)

GranBio Investimentos

- Biofuels, Biochemicals and Biomass new developments

(Loan)

Methanum Engenharia Ambiental

- Vinasse treatment by methanization

(Economic Subsidy)



PAISS Agrícola

some cases of success ...

BioCelere Agroindustrial

- *Transgenic sugarcane powerplants*

(Economic Subsidy)



Solo Sapiens

- *Innovative biotechnological inoculants for selected seeds*

(Economic Subsidy)



Cerradinho Bioenergia

- *Management of multiple varieties of sugarcane etanol for production and cogeneration*

(Loan)



Inova Agro

some cases of success ...

INRODA – Indústria de Roçadeiras Avaré

- *Innovative Manioc and Corn Harverters.*

(Economic Subsidy)



Ballagro Agrotecnologia

- *Microbiological Fertilizers Development based on rizobacterias.*

(Economic Subsidy)



Agroceres Multimix Nurição Animal

- *Brazilian Technology for Innovative Agriculture Inputs in Animal Nutrition*

(Economic Subsidy and Loan)



MPC Bioenergy:

- *Tecnology development in products based on silicon - rice husk.*

(Economic Subsidy)

Beraca Natural Ingredients:

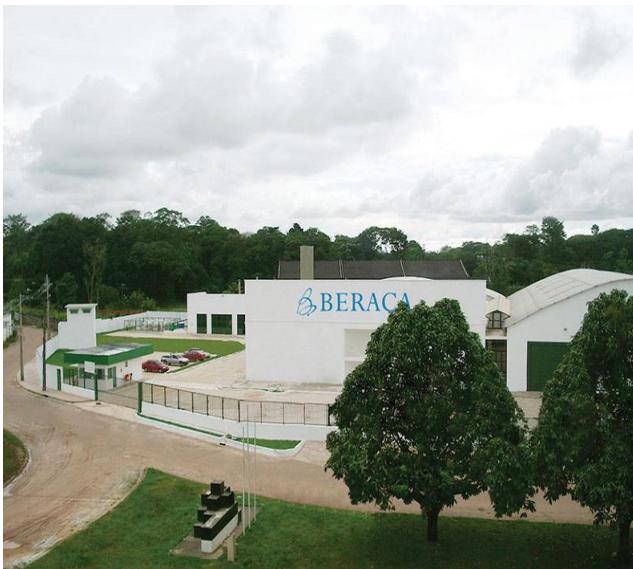
- *Tecnology development for biodiversity utilization in chemical industries.*

(Economic Subsidy)

Nanovectors:

- *Tecnology development to explore natural antioxidants from our own biodiversity.*

(Economic Subsidy)



BRAZIL'S INNOVATION MAP !

Please, find us on internet:

<http://www.finep.gov.br/a-finep-externo/mapadainovacao>





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MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA,
INOVAÇÕES E COMUNICAÇÕES

