SUPPORTING INNOVATION IN YOUR ENTERPRISE
MISSION
To contribute to innovation in Brazilian industry by strengthening collaboration with accredited research institutes and universities.

VISION
To be acknowledged as an innovative institution in the promotion of Research, Development and Innovation (RD&I) for industry in Brazil.
“Regarding innovation, our major concern is the continuity of the resources available to invest in innovation. This sector calls for constant investment in technology. In our opinion, EMBRAPII is here to help us. “

Fernando Ranieri - Technological Development Director of Embraer

Embraer has developed innovation projects with EMBRAPII Units –CIMATEC, IPT, CERTI and POLO/UFSC
SUPPORTING INNOVATION IN YOUR ENTERPRISE
EMBRAPII’s operating model is agile and reduces risk in enterprises’ RD&I projects. The non-reimbursable funds managed by EMBRAPII are invested on innovation projects undertaken between enterprises and EMBRAPII Units and Hubs. EMBRAPII Units and Hubs are technologically focused Innovation Centers with technical capabilities to meet firm’s demands for technological solutions and innovations.
FUNDING MODEL

EMBRAPII provides a maximum 1/3 of the total project costs (excluding capital). The other 2/3 are shared between the enterprise and the EMBRAPII Unit or Hub.

ADVANTAGES

- EMBRAPII resources are non-refundable (thus reducing enterprises’ costs and risks);
- Seamless flow (enterprises can initiate projects with an EMBRAPII Unit or Hub at any time).
Financial resources
• FINEP, BNDES funds.
• Obligatory funds: ANP, ANEEL, IT Law (Lei da Informática), and others.

EMBRAPII UNITS or HUBS
• Economic and or financial counterpart.
“Our experience with EMBRAPII was very positive. It was important to us that negotiation was rapidly concluded and restricted to our enterprise and the Unit, that is, with no intermediaries. The delivery impressed us, given that we were able to make adjustments without losing the initial focus. The project was delivered according to our expectations, and the next step is to place our product on the market.”

Abel Gripp - Product Development Manager of Furukawa

Project developed with EMBRAPII Unit CPqD
ADVANTAGES:

✓ Contracts negotiated and approved directly between the enterprise and the EMBRAPPII Unit;

🏃 Projects negotiated rapidly;

⚙ Funds for project implementation already available at EMBRAPPII Units and Hubs;

💰 No intermediaries, therefore lower transaction costs.
“At EMBRAPII we can negotiate directly with the technology centers. This provides more flexibility for the enterprise. For example, the scope of projects can be altered at any time.”

Cesar Bellinati – R&D Manager of Angelus Dental Products Industry

Project developed with EMBRAPII Unit – IPT
EMBRAPLI has 28 Units of excellence ready to develop innovation projects with firms.
# INFORMATION AND COMMUNICATION TECHNOLOGIES

## EMBRAPII Units and Hubs

### SOFTWARE AND AUTOMATION
EMBRAPPII Unit - UFCG / CEEII
embrapii@ceei.ufcg.edu.br

### OPTICAL COMMUNICATIONS
EMBRAPPII Unit - CPqD
contato@embrapii.cpqd.br

### EMBEDDED ELECTRONICS
EMBRAPPII Unit - Institutos LACTEC
embrapii@lactec.org.br

### CONNECTED PRODUCTS
EMBRAPPII Unit - Recife Studies and Advanced Systems Center (CESAR)
negocios@cesar.org.br

### INTERNET AND MOBILE COMPUTING EQUIPMENT
EMBRAPPII Unit - Eldorado Institute
eldorado@embrapii.eldorado.org.br

### COMPUTATIONAL ENGINEERING SOLUTIONS
EMBRAPPII Unit - TECGRAF / PUC-Rio
contato.embrapii@tecgraf.puc-rio.br

### EMBEDDED SYSTEMS AND DIGITAL MOBILITY
IFCE – Fortaleza
contato@polodeinovacao.ifce.edu.br

### DIGITAL COMMUNICATIONS AND RADIO FREQUENCY
EMBRAPPII Unit - Inatel
embrapii@inatel.br

### SISTEMAS AUTOMOTIVOS INTELIGENTES
Polo IF-IFMG – Formiga
polo.embrapii@ifmg.edu.br

### INTELLIGENT SYSTEMS
EMBRAPPII Unit - CERTI Foundation
certi.embrapii@certi.org.br

### SOFTWARE FOR CYBER-PHYSICAL SYSTEMS
EMBRAPPII Unit - DCC / UFMG
contato@embrapii.dcc.ufmg.br

---

Supporting Innovation in your Enterprise
MECHANICS AND MANUFACTURING
EMBRAPPI Units and Hubs

INTEGRATED MANUFACTURING
EMBRAPPI Unit - SENAI / CIMATEC
embrapii@cimatec.fieb.org.br

AERONAUTICS MANUFACTURING
EMBRAPPI Unit - Aeronautics Technological Institute
embrapii@ita.br

METAL-MECHANICAL TECHNOLOGIES
EMBRAPPI Unit - Faculty of Mechanical Engineering (FEMEC / UFU)
embrapii@femec.ufu.br

INNOVATIVE COOLING TECHNOLOGIES
EMBRAPPI Unit - POLO / UFSC
embrapii@polo.ufsc.br

SUPPORTING INNOVATION IN YOUR ENTERPRISE
“The advantages of the EMBRAPPII project in which we are investing is that the cost of our product will be lower - up to 50% lower than the imported equivalent. This will be a great achievement for the country.”

Mário Prado - Taggen’s Director of Technology

Project developed with EMBRAPPII Unit CPqD
MATERIALS AND CHEMISTRY
EMBRAPRII Units and Hubs

INDUSTRIAL CHEMICAL TECHNOLOGY
EMBRAPRII Unit – INT
embrapii@int.gov.br

HIGH PERFORMANCE MATERIALS
EMBRAPRII Unit – IPT - MAT
embrapii@ipt.br

POLYMERS
EMBRAPRII Unit - ISI Polymer Engineering
isi.polimeros.embrapii@senairs.org.br

MATERIALS FOR ECO-EFFICIENT BUILDING
EMBRAPRII Unit - Polytechnic School / USP
contato@embrapii.poli.usp.br

METALLURGY AND MATERIALS
Polo IF - IFES - Vitoria
polo.embrapii@ifes.edu.br
APPLIED TECHNOLOGIES

EMBRAPII Units and Hubs

SUBSEA ENGINEERING
EMBRAPII Unit - Coppe / UFRJ
contato@embrapii.coppe.ufrj.br

PIPELINE TECHNOLOGY
EMBRAPII Unit - LAMEF / UFRGS
lamefembrapii@ufrgs.br

ENVIRONMENTAL MONITORING AND INSTRUMENTATION
Polo IF - IF Fluminense - Campos dos Goytacazes
direcaogeral.picg@iff.edu.br

MEDICAL EQUIPMENT
Polo IF - IFBA - Salvador
poloinovcaosalvador@ifba.edu.br
BIOTECHNOLOGY

EMBRAPRII Units

BIOMASS PROCESSING
EMBRAPRII Unit - CNPEM
unidadeembrapii@cnpem.br

RENEWABLES BIOCHEMISTRY
EMBRAPRII Unit - Embrapa Agroenergy
cnpae embrapii@embrapa.br

DEVELOPMENT AND UPGRADING OF BIOTECHNOLOGICAL PROCESSES
Unit EMBRAPRII - IPT - BIO
embrapii@ipt.br

ENVIRONMENTAL BIOTECHNOLOGIES: BIO-REMEDIATION, BIO-MONITORING AND WASTE RECOVERY
EMBRAPRII Unit - REMA / UFSC
embrapii.rema@contato.ufsc.br
“EMBRAPII was instrumental for the success of our project, which actually grew from our initial conception. Our counterpart funding was more than we originally planned. It took only two months to sign the contract. The results although still only partial, are very promising. There is no way that we would have got such results without EMBRAPII involvement.”

Rubens Mattos – R&D Manager of Brasil Kirin

Project developed with EMBRAPII Unit CNPEM
The technology developed to create FlatFish will keep Brazil’s offshore sector at the forefront of the world market. The project is part of a significant research, development and innovation program that BG Brazil is undertaking and which will ensure lasting results for the oil and gas industry.”

Nelson Silva, CEO of BG América do Sul.

BG has developed innovation projects with EMBRAPII Units – CIMATEC, COPPE and LAMEF.
Harmonia na pele
Natura, Apothecary, Yamá and Theraskin - nanoencapsulation routes to be applied in active ingredients used in cosmetics manufacture

Oxiteno S/A Indústria de Comércio - bioprocess for manufacturing emollients enzymatically for the healthcare-linked cosmetics industry, with cleaner technology and lower environmental impacts.

Padtec S/A - high-capacity optical communications systems and subsystems (WDM-AC)

Petrobras - development of a new concept to extend the life of rigid pipelines

Prysmian Draka Brasil S/A - development of optical microcables

StoreID - radio frequency identification tags for data storage tapes

Taggen - new beacon standard for Bluetooth communication
“The projects we are developing with EMBRAPPII have already shown promising results. Our goal is to involve our suppliers in future projects. Another very interesting point is that the EMBRAPPII model signaled a major change in terms of project timing, commitment and even access to funding. What we intend to do now is to take a broader look at other EMBRAPPII Units and focus strategically on prospects in other new projects”.

Luciana Hashiba - Manager of Natura Innovation Network Management

Project developed with EMBRAPPII Unit - IPT
SUCCESSFUL PARTNERSHIPS

EMBRAP II innovation projects are a guarantee of success:
• Enterprises and EMBRAP II Units have the autonomy to execute RD&I projects;
• Focus is 100% on enterprise demand;
• Commitment to results;
• Project management;
• Professional training and infrastructure;
• Intellectual property agreement between EMBRAP II Unit and the enterprise; and
• Lower risk and cost for enterprises with EMBRAP II non-reimbursable funds.