International Science, Technology and Innovation Cooperation in Bioeconomy and Related Areas

Secretariat of Government for Science, Technology and Productive Innovation National Directorate for Cooperation and Institutional Integration
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Programmes: RAICES, IAESTE, PRODEQ

Bilateral Cooperation

Multilateral Cooperation

Cooperation with the European Union

Cooperation with Companies

International Strategic Linkage

Operational Management

NATIONAL DIRECTORATE FOR COOPERATION AND INSTITUTIONAL INTEGRATION
Areas to approach different international scenarios
Strengthen scientific and technological cooperation for human resource training (PhD and postdocs), junior and senior researchers stays, development of STI projects.

Beneficiaries: research groups, researchers, fellows, students, technicians, teachers-researchers and engineers.

Create new mechanisms - Supporting and strengthening scientific and technological cooperation in strategic areas is the basis for the success of international innovation programmes.

Identify areas of impact in the productive sector: Bioeconomy / Marine Sc./Health / Agroindustry / Renewable Energies / ICT / Satellite Developments.
Strategic Areas for International STI Cooperation

- Knowledge Design
- Information and Communication Technologies
- Technologies applied to Cultural Goods
- Food Technology
- Space Technology
- Marine Science
- Nanotechnology
- High Energy Physics
- Bioeconomy
  Biotechnology, Health and Medicine
- Bioengineering and Related Sciences
- Environment and Energy
A NEW PARADIGM

The notion of “bioeconomy” highlights the use of new and traditional technologies for the sustainable and integrated conversion of biomass into foodstuffs, bioenergy, chemicals and new materials.
Bilateral Cooperation

**BILATERAL AREA**

- Cooperation with strategic countries
- Instruments for human resources training and development of joint research projects
- Beneficiaries: scientific community and Argentine government

**Tools and Instruments**

- Joint Research Projects
- Bi-national Centres
- Fellowships
- Seminars
- Schools for HR training
- Research projects involving the private sector
- Innovation Awards*
- International Conferences*
- Café de la Ciencia (Coffee for Science event)

*Dissemination, negotiation and opportunities spaces that are NOT exclusive for Bilateral Cooperation.
Bilateral Cooperation

Partners

- Finland LUKE
- France ECOS
- Brazil and Uruguay CABBIO (Latinoamerican Center in Biotechnology)
- Germany-BMBF and Fraunhofer
- Netherlands-Wageningen University
Multilateral Cooperation

- Cooperation with regional and international bodies
- Instruments for human resources training and development of joint research projects
- Beneficiaries: scientific community and Argentine government

Tools and Instruments

- Joint Research Projects
- Fellowships
- Discussion forums, seminars and regional and international conferences
- Networks
- HR training schools
- Research projects involving the private sector
Regional and Multilateral Cooperation - CYTED

Ibero-American Programme on Science and Technology for Development-CYTED [www.cyted.org](http://www.cyted.org) (since 1984)

**Current Networks**

**Sustainable Development Area**

416RT0511.- IBERO-AMERICAN BIODIVERSITY AS A SOURCE OF NATURAL RESOURCES FOR SUSTAINABLE EXPLOITATION - Coordinator JAIME BASTIDA ARMENGOL (Spain)

418RT0554.- LATIN AMERICAN NETWORK FOR THE STUDY AND CONSERVATION OF THE TROPICAL DRY FOREST Coordinator KARINA BANDA RODRÍGUEZ (Colombia)

418RT0555.- ECOLOGICAL INTERACTIONS AS A MANAGEMENT INDICATOR IN PROTECTED NATURAL AREAS Coordinator RODRIGO MEDEL (Chile)

**Energy Area**

719RT0586.- ENHANCING SOLID BIOMASS EXTRACTION PROCESSES FOR ENERGY USE Coordinator BORJA VELAZQUEZ-MARTIN (Spain)

719RT0587.- IBERO-AMERICAN NETWORK OF RURAL BIOENERGY AND BIOMASS TECHNOLOGIES Coordinator SILVINA MAGDALENA MANRIQUE (Argentina)

**ICT Area**

317RT0525.- TECHNOLOGICAL TRANSFER ON NANOCELLULOSE APPLICATIONS IN IBERO-AMERICA Coordinator/MARIA EVANGELINA VALLEJOS (Argentina)
Regional and Multilateral Cooperation - Mercosur - RECYT

• Committee Platform BIOTECSUR CPB
EU –Mercosur Project: Support for the Development of Biotechnologies in MERCOSUR – BIOTECH I and BIOTECH II

Two of them were forest based projects, involving partners from Paraguay, Uruguay, Brazil, Argentina and European partners:

A) Development of an integrated genotyping platform for bioprospecting of candidate genes of interest in MERCOSUR Eucalyptus germplasm
**Amount granted: €656,858**

B) Accelerated selection of Eucalyptus for bioenergy improvement programmes in MERCOSUR forestry
**Amount granted: €300,000**
THANK YOU VERY MUCH!

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