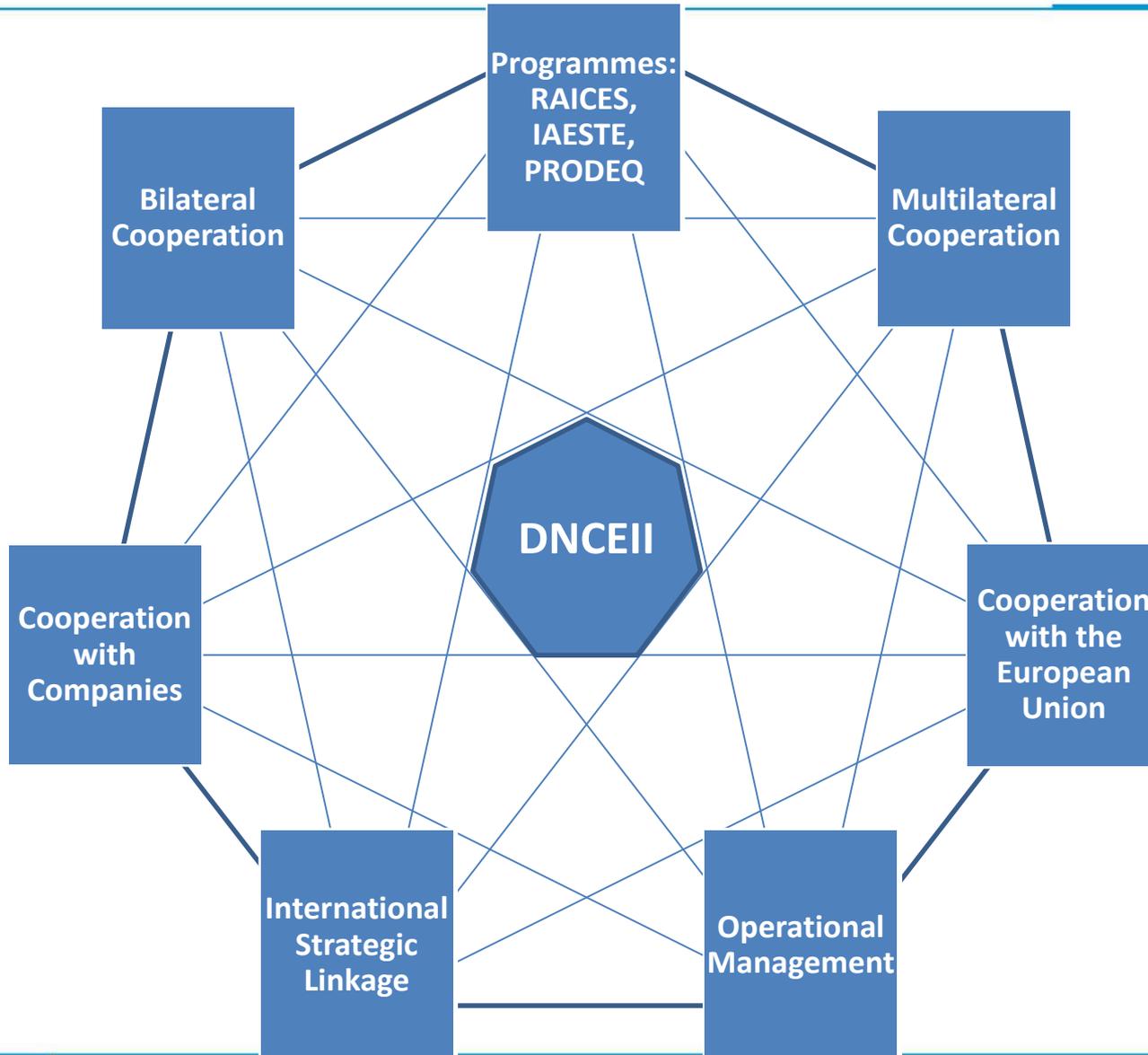


International Science, Technology and Innovation Cooperation in Bioeconomy and Related Areas

*Secretariat of Government for Science, Technology and Productive Innovation
National Directorate for Cooperation and Institutional Integration
Lic. Karina Pombo – General Coordinator DNCEII*



Ministerio de Educación,
Cultura, Ciencia y Tecnología
Presidencia de la Nación



Towards Productive Innovation

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

Strategic Projects



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.

 MÁS INFORMACIÓN



BILATERAL AREA

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

Cooperation
Agreements

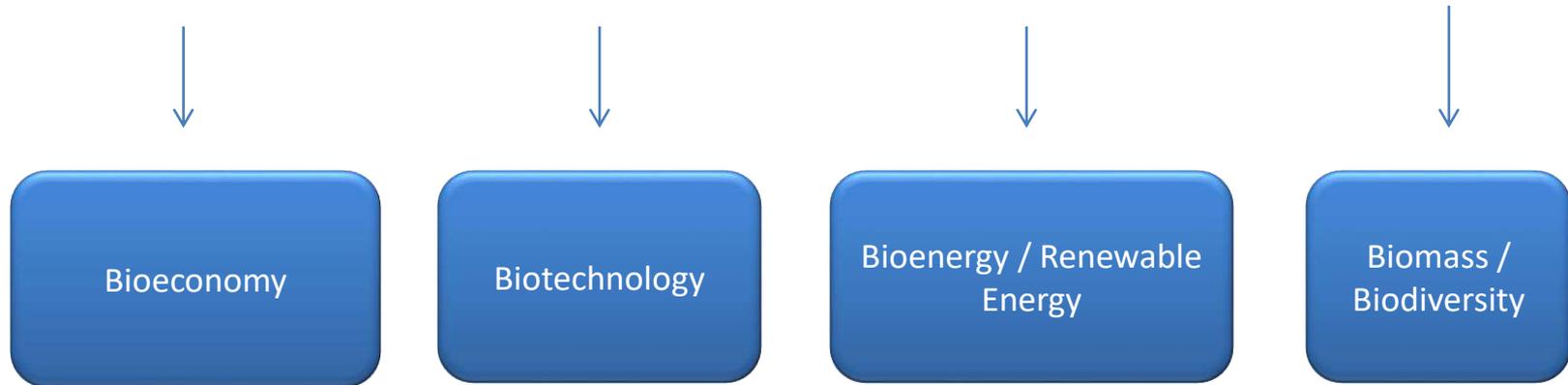
Strategic and Cross-
Cutting Areas

Official Visits

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.



Partners

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

Multilateral Cooperation

Multilateral Area

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

Cooperation
Agreements

Strategic and Cross-
Cutting Areas

International
Meetings

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
(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 BIOTEC SUR 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!

NATIONAL DIRECTORATE FOR COOPERATION AND INSTITUTIONAL INTEGRATION

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