



Thursday 5 November
EU-India PARTNERING EVENT

*Theme: Life sciences, biotechnology and
biochemistry for sustainable
non-food products and processes*

INRA (National Institute for Agricultural
Research)
CIRAD (Agricultural Research Centre for
International Development Scientific)
(FRANCE)

A joint event organized by



This event is co-funded by
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RESEARCH CENTRE / INRA



Life sciences, Life sciences, Life sciences, Life sciences

- A public, scientific and technological establishment

Under the joint authority of the Ministers of Agriculture and Research

- The National Institute in charge of agriculture, food and environment with a staff around 9000 and a budget of 745 M€ for 2008
- 1,700 PhD students, 1,000 scientists coming from partner organizations, more than 1,200 international visiting fellows/year
- Largest European organisation for agricultural research
- Global scientific profile today: life science 78%, Environmental sciences 14% and Social and human sciences 8%.

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RESEARCH CENTRE / CIRAD



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- CIRAD is an industrial and commercial public establishment (EPIC)
- It conducts targeted research focused on the Millennium Development Goals in which methods and knowledge are built in partnership.
- Its staff is composed of 1800 persons (850 researchers) with posted scientists in 40 countries mainly in tropical zone.
- main centre is based at Montpellier on the **Agropolis International** campus, the world's greatest concentration of agricultural research organizations working for Mediterranean and tropical regions, and benefits from an exceptional scientific environment.
- Budget : 200 million €

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PROJECT IDEA / INRA



Life sciences, Life sciences, Life sciences, Life sciences

Existing Collaborative Projects mainly on :

- Cleaning of water effluents
- Genetic improvement of livestock
- Fish biology and fish farming
- Genetic improvement of melon and of wheat

2 success stories

Water Science and Management in Agriculture / How to manage water resources at the watershed level and how to save water through cropping systems

Partnership: Indo-French Cell for Groundwater Research (NGRI and BRGM) Hyderabad / CRIDA (Central Research Institute for Dryland Areas) Hyderabad / ICRISAT Hyderabad / Indo-French Cell for Water Research (IISc and IRD) Bangalore / ISEC (Institute for Social and Economic Change) Bangalore

Human nutrition / 4 projects are developed:

- animal proteins vs plant proteins in diet
- micronutrients and inflammation
- Delay of growth and composition of the maternal milk
- Sensory and cognitive aspects of food

Partnership: CFTRI Central Food Technological Research Institute, Mysore / St Johns'Hospital, Bangalore / ARI Agarkhar Research Institute, Pune

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PROJECT IDEA / CIRAD



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Ecological intensification

Inventing new types of agriculture that optimize yields and preserve environment and biodiversity by enhancing ecological functions in the agro-system

Biomass and energy

Studying new sources of energy from biomass and analysing how to ensure that they benefit people in developing countries

Food

Innovating, to ensure accessible, safe and varied food supplies by better understanding the consumers changes and the way producers can adapt.

Health risks and emerging diseases

Foreseeing and managing infectious disease risks linked to wildlife and domestic animals

Public policy

Analysing and supporting policies aimed at reducing inequality and alleviating poverty

Rural areas

Understanding relationships between agriculture and the environment and between nature and society better, so as to manage tropical areas sustainably

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PARTNER SOUGHT / INRA-CIRAD



Life sciences, Life sciences, Life sciences, Life sciences

CIRAD and INRA are used to collaborate with research and teaching structures

- Bilateral operations with national research and development centres and universities
- Collaboration with regional centres of excellence:
CIRDES in Burkina Faso, CATIE in Costa Rica, etc
- Collaborations / involvement in CGIAR international agricultural research centres like ICRISAT, IRRI, ADRAO etc...

But they now develop more and more collaborations with the private sector

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CONTACT DETAILS / INRA- CIRAD



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