

APRE

Agency for the Promotion
of European Research

FAFB

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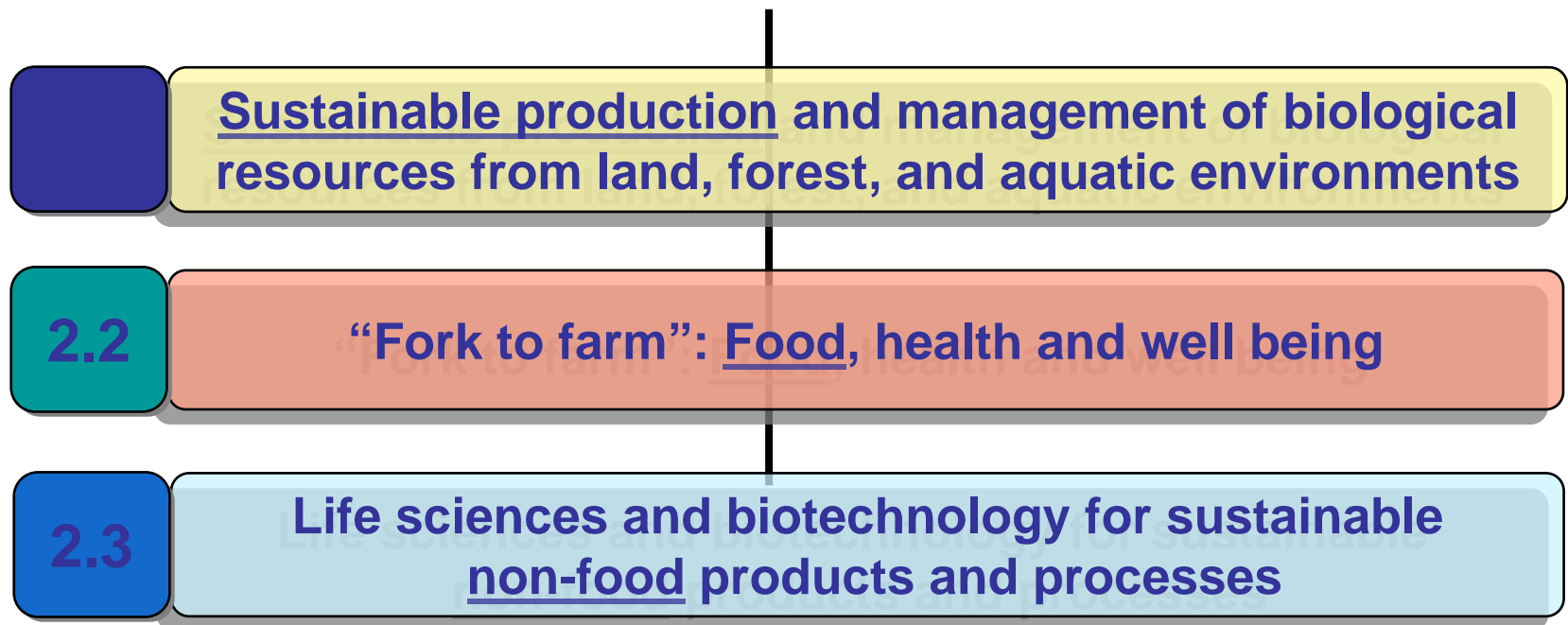
"Cooperation" Specific Programme : 9 (10) "Themes"

1. Health	6 050 B€	19%
2. Food, Agriculture, Fisheries & Biotechnology	1 935 B€	6%
3. Information & Communication Technologies	9 110 B€	28%
4. Nanosci. Nanotech. Mat. & New Prod. Tech.	3 500 B€	11%
5. Energy	2 300 B€	7%
6. Environment (<i>incl. climate changes</i>)	1 900 B€	6%
7. Transport (<i>incl. aeronautics</i>)	4 180 B€	13%
8. Socio-Economic Sciences & Humanities	610 B€	2%
9. Security & (10) Space	Sec 1 350 B€ Spa 1 430 B€	9%

Total programme : 32 365 B€

Beijing, 22nd of June 2009

The 3 "Activities"



Sustainable production and management of biological resources from land, forest and aquatic environments:

“Enabling” research (trans pillar)

Micro-organisms; plants; animals; nutrition
“-omics”; bioinformatics; systems biology; tools and technologies

Sustainable production

Agriculture; horticulture; forestry; fisheries; aquaculture
Improved crops; plant health; control of pests, disease and other threats

Optimised animal health, production and welfare

Exploitation of genetics knowledge; breeding, physiology, behaviour
Control of infectious diseases; epizootics, zoonoses; management of by-products

Building of the KBBE

Tools for policy makers in support of community policy
Rural and coastal development; International development
Socio-economics and cost-benefits. Farming systems, including non-food



- Improved biomass for energy,
- Bio-catalysis; new bio-refinery concepts
- Forestry and forest based products
- Cleaner processing

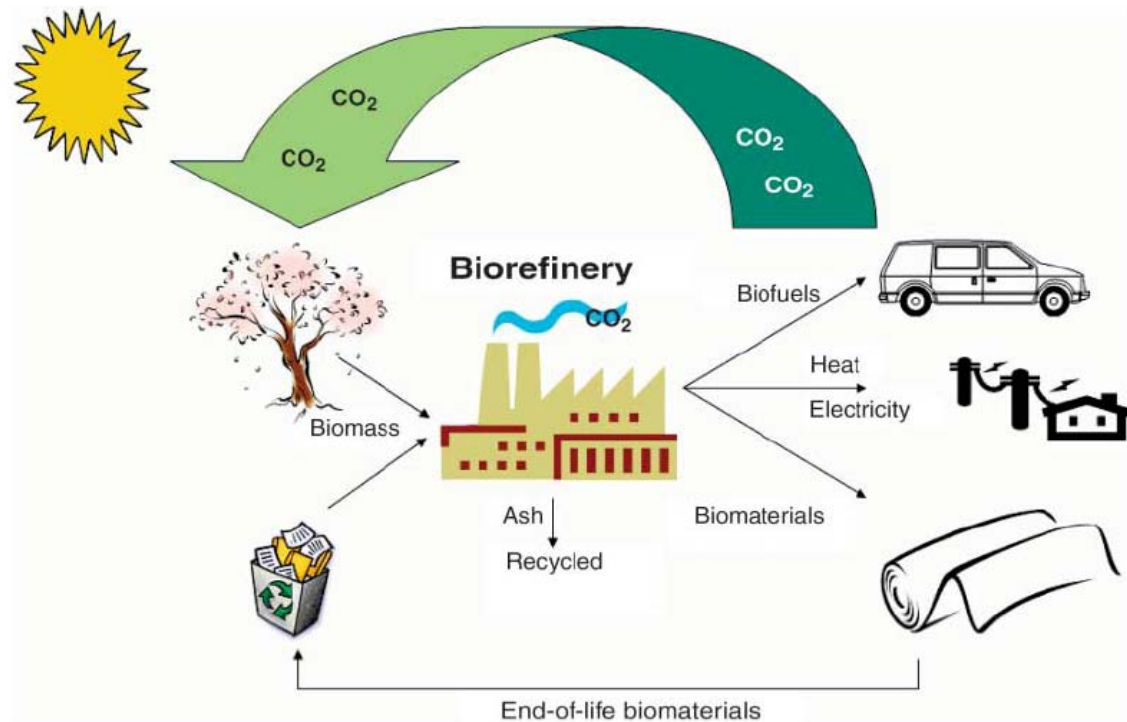


Fig. 1. The fully integrated agro-biofuel-biomaterial-biopower cycle for sustainable technologies.

The context

Agriculture, food and biotechnology research is a priority for most countries; industrialised, emerging and low income countries

The social and economic challenges:

Sustainable agriculture/fishery and climate change

Increasing need for high quality and sustainable food production

Food-related disorders (cardiovascular, obesity ...)

Infectious animal diseases and zoo-noses

Renewable energy sources

are global and require international cooperation.

1. GENERAL OPENING

All activities / topics are open to participation by Third Countries

Third countries (other than AC): as additional partners

2. TARGETED OPENING:

Some topics encourage international cooperation with some TC

Third countries (other than AC): as additional partners (encouraged)

3. SICAs - Specific International Co-operation Actions

Topics of mutual benefit, with mandatory participation of some TC-ICPC

International Co-operation Partner Countries : as compulsory partners

4. COORDINATED CALLS

Synchronised Calls, between FP7-Theme 2 and Third countries

on topics of shared interest and with co-funding

(ex Russia 2008, India 2009)

5. TWINNING of projects

between FP7-Theme 2 and related programmes from Third countries

(ex Canada, Argentina)

6. ERA-Nets

Coordination of European National Research Programmes with third countries

(e.g. agriculture for development, agriculture for Mediterranean countries)



Expected publication date: end July 2009

Indicative budget: 190 million €

Indicative number of topics: 47

Expected deadline: 14th January 2010

Evaluation by independent scientific reviewers:
March/April 2010

actions for the systematic co-ordination at programme level between the EU (FP7 and national programmes) and one Third (country) region, in a given research area

(systematic links between the projects from the two region's programmes: meetings, short term visits, exchange of information, data and materials)

2 Launched in WP 2010

Full title	Funding Scheme	Third Countries (Mandatory)
EU-China Partnership initiative in Plant Breeding	CSA-CA	China
EU-Russia Partnership initiative in Microbes – Plants Biodiversities	CSA-CA	Russia

THE WAY-FORWARD

- GLOBAL CHALLENGES BY MULTILATERAL APPROACHES
- REGIONAL APPROACHES
- FROM PROJECT TO PROGRAMME LEVEL

➤ Collaboration needed to:

- Protect Consumers interests
- Increase scale and synergies
- Promote innovation and competitiveness

➤ Help sectors to turn science into business

KBBE.2010.1.4-05: EU-China Partnership initiative in plant breeding – Mandatory: China

Call: FP7-KBBE-2010-4

Funding scheme: Coordination and Support Action (coordinating action)

Additional eligibility criteria: Minimum number of participants: 3 from different Member States or Associated countries and one from China.

The requested European Community contribution shall not exceed EUR 500 000.

Additional information: The China Academy of Agricultural Sciences (CAAS) intends to support or/and carry out mirroring and complementary actions. The cooperation with these complementary actions should be reflected in the proposal. This will be considered in the evaluation of the proposal.

Expected impact: Both EU and China are dedicating major R&D efforts in agricultural research and they both face common challenges, such as crop adaptation under climate change conditions. A wide co-ordination of research activities in this area from the EU and China, which are both major players in these fields, would not only scale up the EU-China collaboration, according to the EU-China S&T co-operation agreement, but also contribute to broader international efforts to address such global challenges.

KBBE.2010.3.1-01: Promoting global cooperation to facilitate and accelerate knowledge transfer on abiotic stress tolerance of plants – Mandatory ICPC (Latin America and/or Asia and/or Eastern Europe and Central Asia and/or ACP and/or the Mediterranean Partner Countries)

Call: FP7-KBBE-2010-4

Funding scheme: Coordination and Support Action (coordinating action)

Additional eligibility criteria: Minimum number of participants: 3 from different Member States or Associated countries and 3 from different ICPC from Latin America and/or Asia and/or Eastern Europe and Central Asia and/or ACP and/or the Mediterranean Partner Countries.

Additional information: The participation of countries with S&T bilateral agreements with the EC, ICPC and industrialised ones (Argentina, Australia, Brazil, Canada, Chile, China, Egypt, India, Korea, Mexico, Morocco, New Zealand, Russia, Ukraine, Tunisia, South Africa, United States), is particularly encouraged. Participation of these countries as well as of international organisations active in this field should add to the scientific and/or technological excellence of the project. This will be considered in the evaluation.

KBBE.2010.1.3-02: Promoting coordination and cooperation at international level of research programmes in the area of animal health, in particular infectious diseases including zoonoses - Mandatory ICPC (Latin America and Asia)

Call: FP7-KBBE-2010-4

Funding scheme: Coordination and Support Action (coordinating action)

Additional eligibility criteria: Minimum number of participants: 2 from different Member States or Associated countries and 2 from different ICPC from Latin America and Asia.

Additional information: It is viewed that the participation of relevant research funding institutions from industrialised countries would lead to an increased impact of the global approach to be undertaken. The participation of countries with S&T bilateral agreements with the EC (Argentina, Australia, Brazil, Canada, Chile, China, Egypt, India, Korea, Mexico, Morocco, New Zealand, Russia, Ukraine, Tunisia, South Africa, United States) is particularly encouraged. Participation of these countries as well as of international organisations active in this field should add to the scientific and/or technological excellence of the project. This will be considered in the evaluation.

Expected impact: Accelerate research efforts and knowledge transfer, seeking synergies and complementarities, avoiding duplication and fragmentation, and maximising the possibilities offered by combination of different disciplines and new technologies.

This coordination should allow reinforcing and focusing efforts to develop disease prevention and control tools in the light of the changes which are rapidly occurring at global level.

Creation of channels of communication between research funders to allow strategic research programming.

Thank you for your attention!

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