

FP7 Cooperation Work Programme: Theme 2 – Food, Agriculture and Fisheries, and Biotechnology

Call Fiche

- Call identifier¹: *FP7-KBBE-2007-1*
- Date of publication: 22 December 2006
- Deadline: 2 May 2007 at 17.00 hrs (Brussels local time)
- Indicative budget²: 192.09 M€ from 2007 budget³

Activity	Funding Schemes	Indicative amount (million €)
Call Identifier: FP7-KBBE-2007-1		
Activity 2.1: Sustainable production and management of biological resources from land, forest and aquatic environments	Large collaborative projects and Networks of Excellence	15.00
	Small collaborative projects and CSAs	67.00
Activity 2.2: Fork to farm: Food (including seafood), health and well being	Large collaborative projects and Networks of Excellence	32.50
	Small collaborative projects and CSAs	29.09
Activity 2.3: Life sciences biotechnology and biochemistry for sustainable non-food products and processes	Large collaborative projects and Networks of Excellence	35.00
	Small collaborative projects and CSAs	10.50
Activity 2.4: Other activities	Large collaborative projects and Networks of Excellence	0
	Small collaborative projects and CSAs	3.00

- Topics called:

¹ For topics KBBE-2007-1-2-07 and KBBE-2007-1-3-02 see the ERANET call in annex 4

² Under the condition that the preliminary draft budget for 2007 is adopted without modification by the budget authority

³ Specific International Cooperation Actions (SICA) make up about €14m of the total budget, other actions with an important international contribution about €42m. Support to ERA-NETS is in the order of €2m and is subject to a joint call for ERA-NETs across the Themes. See Annex 4 of the work programme

Activity/ Area	Topics called	Funding Schemes*
Activity 2.1: Sustainable production and management of biological resources from land, forest and aquatic environments.		
2.1.1	<i>KBBE-2007-1-1-01: Development of new tools and processes to support R&D in crop plants: molecular breeding</i>	<i>Small collaborative project</i>
2.1.1	<i>KBBE-2007-1-1-02: Mining genomics information of farm animals to generate new information on the genetic basis of phenotypes important to sustainable animal production</i>	<i>Small collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-01: Annual Food crops with improved tolerance to multiple abiotic stresses</i>	<i>Small collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-02: Genomics for cereal improvement for food, feed and non-food uses</i>	<i>Large collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-03: Development of more efficient risk analysis techniques for pests and pathogens of phytosanitary concern</i>	<i>Small collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-04: Reducing the need for external inputs in high-value protected horticultural and ornamental crops</i>	<i>Small collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-05: Novel forest tree breeding</i>	<i>Large collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-06: Developing new methods for valuing and marketing of currently non-marketable forest goods and services</i>	<i>Small collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-08: Reduction of N excretion in ruminants</i>	<i>Large collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-09: From capture based to self-sustained aquaculture</i>	<i>Small collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-10: Improving cost-efficiency in the fisheries</i>	<i>Small collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-11: Improving research in support to scientific advice to fisheries management outside EU waters</i>	<i>Coordination and support action (Coordinating)</i>
2.1.2	<i>KBBE-2007-1-2-12: Consolidate alliances with third countries in the field of aquaculture</i>	<i>Coordination and support action (Coordinating)</i>
2.1.2	<i>KBBE-2007-1-2-13: Mitigating adverse impacts of fisheries</i>	<i>Small collaborative project</i>
2.1.2	<i>KBBE-2007-1-2-14: The structure of fish populations and traceability of fish and fish products</i>	<i>Small collaborative project</i>
2.1.3	<i>KBBE-2007-1-3-01: Breeding tools for improved livestock products</i>	<i>Small collaborative project</i>
2.1.3	<i>KBBE-2007-1-3-03: Optimising research efforts for the development of the most effective tools for controlling infectious animal diseases</i>	<i>Coordination and support action (Coordinating)</i>
2.1.3	<i>KBBE-2007-1-3-04: Development of rational strategies for the eradication of bovine tuberculosis</i>	<i>Small collaborative project</i>
2.1.3	<i>KBBE-2007-1-3-05: Evaluating and controlling the risk of African Swine Fever in the EU</i>	<i>Small collaborative project</i>

2.1.3	<i>KBBE-2007-1-3-06: Emerging vector-borne diseases, in particular: West Nile fever, Rift Valley Fever and Crimean-Congo haemorrhagic fever</i>	<i>Coordination and support action (Coordinating)</i>
2.1.4	<i>KBBE-2007-1-4-01: Developing the KBBE</i>	<i>Coordination and support action (Supporting)</i>
2.1.4	<i>KBBE-2007-1-4-02: Enabling efficient transfer of technology in the knowledge-based bio-economy</i>	<i>Coordination and support action (Supporting)</i>
2.1.4	<i>KBBE-2007-1-4-03: The farm of tomorrow</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-04: GMO cost-effective and crop-specific co-existence measures</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-05: Enlargement network - Agro-economic policy analysis of the accession and the candidate states and the countries of Western Balkan</i>	<i>Coordination and support action (Supporting)</i>
2.1.4	<i>KBBE-2007-1-4-06: Comparative analysis of factor markets for agriculture across the Member States</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-07: Costs of different standard setting and certification systems for organic food and farming</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-08: Drivers and limits of enhanced trade in agricultural and food products</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-09: Trade and agricultural policies - India</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-10: Containment of Sharka virus in view of EU-expansion</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-11: Assessing the impact of Rural Development policies (including Leader)</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-12: Policy and institutional aspects of sustainable agriculture, forestry and rural development in the Mediterranean partner countries</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-13: New sources of employment in rural areas</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-14: Cost of production using FADN data</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-15: Assessing the socio-economic consequences and costs benefits of measures promoting good animal welfare</i>	<i>Coordination and support action (Supporting)</i>
2.1.4	<i>KBBE-2007-1-4-16: Establishment of an information platform on the protection and welfare of animals</i>	<i>Coordination and support action (Supporting)</i>
2.1.4	<i>KBBE-2007-1-4-17: Models for the extrapolation of MRLs from one species to another</i>	<i>Coordination and support action (Coordinating)</i>
2.1.4	<i>KBBE-2007-1-4-18: External costs of pesticides</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-19: Governance for an operational regional</i>	<i>Small collaborative</i>

	<i>ecosystem approach to fisheries management</i>	<i>project</i>
2.1.4	<i>KBBE-2007-1-4-20: Addressing uncertainty and complexity – governance for fisheries management</i>	<i>Small collaborative project</i>
2.1.4	<i>KBBE-2007-1-4-21: Interactions of fisheries and aquaculture of bluefin tuna (BFT)</i>	<i>Coordination and support action (Supporting)</i>
Activity 2.2: Fork to farm: Food (including seafood), health and well being.		
2.2.1	<i>KBBE-2007-2-1-01: Networking of food consumer science in Europe and development and application of social and behavioural sciences to food research</i>	<i>Network of Excellence</i>
2.2.1	<i>KBBE-2007-2-1-02: Developing research tools for food consumer science in the Western Balkan Countries</i>	<i>Small collaborative project</i>
2.2.1	<i>KBBE-2007-2-1-03: Food labelling and consumer behaviour</i>	<i>Small collaborative project</i>
2.2.2	<i>KBBE-2007-2-2-01: Effect of diet on the mental performance of children</i>	<i>Large collaborative project</i>
2.2.2	<i>KBBE-2007-2-2-02: Impact of diet on ageing</i>	<i>Large collaborative project</i>
2.2.2	<i>KBBE-2007-2-2-03: Malnutrition in developing countries</i>	<i>Large collaborative project</i>
2.2.2	<i>KBBE-2007-2-2-04: Optical technologies for monitoring the human nutrition status and the onset of nutrition-related health problems</i>	<i>Small collaborative project</i>
2.2.2	<i>KBBE-2007-2-2-05: Diet for patients in hospitals and at home: disease-related malnutrition</i>	<i>Small collaborative project</i>
2.2.2	<i>KBBE-2007-2-2-06. Impact of exogenous factors in the development of allergy</i>	<i>Small collaborative project</i>
2.2.3	<i>KBBE-2007-2-3-01: Smart control for improved food and feed technologies</i>	<i>Large collaborative project</i>
2.2.3	<i>KBBE-2007-2-3-02: Assessment and improvement of existing food and feed technologies</i>	<i>Small collaborative project</i>
2.2.3	<i>KBBE-2007-2-3-03: (Bio-)Technologies for the production of food additives, colorants, and flavours</i>	<i>Small collaborative project</i>
2.2.3	<i>KBBE-2007-2-3-04: Nano-devices for quality assurance, food safety and product properties</i>	<i>Small collaborative project</i>
2.2.4	<i>KBBE-2007-2-4-01: Exposure to food additives, flavourings, and migrants coming from food contact materials – Dietary intake models</i>	<i>Large collaborative project</i>
2.2.4	<i>KBBE-2007-2-4-02: Detecting contaminants in the food and feed chain</i>	<i>Large collaborative project</i>
2.2.4	<i>KBBE-2007-2-4-03: New methods for the monitoring and control of food-borne viruses</i>	<i>Small collaborative project</i>
2.2.4	<i>KBBE-2007-2-4-04: Innovative and safe packaging</i>	<i>Small collaborative project</i>
2.2.5	<i>KBBE-2007-2-5-01: Assessment of short and long term effects of</i>	<i>Small collaborative</i>

	<i>GMOs on human and animal health</i>	<i>project</i>
2.2.5	<i>KBBE-2007-2-5-02: Converging technologies and their potential for the food area</i>	<i>Small collaborative project</i>
2.2.5	<i>KBBE-2007-2-5-03: Development and application of computational biology as a complementary tool to in vivo and/or in vitro trials</i>	<i>Coordination and support action (Coordinating)</i>
Activity 2.3: Life sciences biotechnology and biochemistry for sustainable non-food products and processes.		
2.3.1	<i>KBBE-2007-3-1-01: PLANT CELL WALLS - Understanding Plant Cell Walls for optimising Biomass potential</i>	<i>Large collaborative project</i>
2.3.1	<i>KBBE-2007-3-1-02: ENERGY PLANTS - Novel plants for energy production</i>	<i>Small collaborative project</i>
2.3.1	<i>KBBE-2007-3-1-03: GREEN OIL - Plants providing oils of the future</i>	<i>Large collaborative project</i>
2.3.1	<i>KBBE-2007-3-1-04: FOREST PRODUCTS - New forest based products and processes</i>	<i>Large collaborative project</i>
2.3.1	<i>KBBE-2007-3-1-05: BIO-VET-PHARMING - Plant made recombinant pharmaceuticals for animals</i>	<i>Network of Excellence</i>
2.3.1	<i>KBBE-2007-3-1-06: BIOPOLYMERS - Biological Polymers from plants</i>	<i>Large collaborative project</i>
2.3.1	<i>KBBE-2007-3-1-07: FUTURE CROPS - Technical, socio-economic, environmental and regulatory aspects of future non-food crop systems</i>	<i>Coordination and support action (Coordinating)</i>
2.3.1	<i>KBBE-2007-3-1-08: BIOMASS SUPPLY AND IMPACT - Identification of optimal terrestrial and aquatic biomass and waste for Bioproducts</i>	<i>Coordination and support action (Coordinating)</i>
2.3.2	<i>KBBE-2007-3-2-01: LIGNOCELLULOSIC ENZYMES - Development of cellulases for lignocellulosic biomass pre-treatment</i>	<i>Small collaborative project</i>
2.3.2	<i>KBBE-2007-3-2-02: LIPID ENZYMES - Development of enzymes for lipid modification and activation</i>	<i>Small collaborative project</i>
2.3.2	<i>KBBE-2007-3-2-03: DESIGNER ENZYMES - Improved biocatalysts for bioprocesses</i>	<i>Large collaborative project</i>
2.3.2	<i>KBBE-2007-3-2-04: MICROBIAL STRESS IN CONTAINMENT - Study of microbial stress for more robust industrial micro-organisms</i>	<i>Coordination and support action (Coordinating)</i>
2.3.2	<i>KBBE-2007-3-2-05: IMPROVED MICROBES - Metabolic engineering and modelling</i>	<i>Coordination and support action (Coordinating)</i>
2.3.3	<i>KBBE-2007-3-3-01: SYNTHETIC BIOLOGY FOR THE ENVIRONMENT - The use of Synthetic Biology for the solution of environmental problems</i>	<i>Coordination and support action (Coordinating)</i>
2.3.3	<i>KBBE-2007-3-3-02: IMPROVED MICROBES FOR THE ENVIRONMENT - Microbial gene expression under condition of stress</i>	<i>Large collaborative project</i>
2.3.3	<i>KBBE-2007-3-3-03: ANIMAL BY-PRODUCTS - Novel methods of treatment of animal by-products for the production of</i>	<i>Small collaborative project</i>

	<i>substances with biologically valuable functional properties</i>	
Activity 4: Other activities.		
2.4.1	<i>KBBE-2007-4-01: National Contact Point Network</i>	<i>Coordination and support action (Supporting)</i>

* **Small collaborative projects (“small or medium-scale focused research actions”) are projects with a requested Commission contribution up to €3 million⁴, large collaborative projects (“large-scale integrating projects”) and Networks of Excellence between € 3 million and € 6 million and Coordination and Support Actions (CSA) up to €1 million. It is important to note that the above mentioned funding thresholds will be applied as eligibility criteria and that the proposals not fulfilling these thresholds are considered as ineligible.**

- Particular requirements for participation, evaluation and implementation:

— The minimum number of participating legal entities required for all funding schemes is set out in the Rules for Participation.

— Please note, for Coordination and Support Actions aiming at supporting research activities and policies, the minimum number shall be the participation of one legal entity. For Coordination and Support Actions aiming at coordinating research activities, the minimum condition shall be the participation of three legal entities.

— For collaborative projects for specific cooperation actions dedicated to international cooperation partner countries identified in the work programme, the minimum conditions concerning participation rules are stated for each topic

- Evaluation procedure:

— The general eligibility criteria are set out in Annex 2 to this work programme

— The evaluation shall follow a single stage procedure

— Proposals may be evaluated remotely

— The evaluation criteria (including weights and thresholds) and subcriteria, together with the eligibility, selection and award criteria, for the different funding schemes are set out in Annex 2 to this work programme

— Proposals will not be evaluated anonymously

- Indicative evaluation and contractual timetable:

— Evaluation results: two months after the relevant deadline mentioned above.

- Consortia agreements: Participants in large-scale collaborative research projects and Networks of Excellence are required to conclude a consortium agreement. For other projects consortia agreements are recommended.

- Particular requirements for participation, evaluation and implementation:

The selected topics may be open only for the call indicated, and it is envisaged that up to one project will be retained for each topic, unless otherwise indicated. There may be competition between proposals submitted on different topics and proposals submitted on the same topic. This may result in some topics not being supported.

- The forms of grant and maximum reimbursement rates which will be offered are specified in Annex 3 to the Cooperation Work Programme

⁴ In general, projects supporting policy through a study-type approach will be significantly less than this – applicants should ensure that the budget is appropriate to the work carried out.

- A reserve list may be produced of projects that pass the evaluation but fall below the available budget in case additional budget becomes available.

Indicative budgets may be adjusted by the authorising officer where the adjustments are not more than 20% of the indicative amount.