

## SME Input for KBBE-work programme 2012

Company contact information	
Name Company	
Name contact person	
e-mail	
Tel. Nr.	
Address	
Country	

What are the main technological and/or R&D concerns for your company/sector?

Which activities should be considered in the FP7 KBBE-2012 call for your company/sector to overcome these concerns? Please describe (and if possible justify) topics that would be of interest to your company/sector in the FP7-KBBE-2012 call and which would stimulate your involvement in the call? (You can take the main lines described below as basis.)

How much European funding would be needed for those activities? Please give an indication of the duration and size (budget, partners) required to address the topics identified above?	
	1 Million Euro or less
	2 Million Euro
	3 Million Euro
	6 Million Euro
	9 Million Euro

What role could your company play in a research funded project to respond to these concerns? (Multiple answers possible)			
	Providing technology for research		Demonstration activities
	Services for research (e.g. analysis)		Dissemination and/or communication
	Research		Training
	Development of prototype		Project management

How could your company benefit better from technology developed in FP7?



**Which of the main lines in the KBBE reflection paper are most suited for R&D-projects in your company/sector?**

**(Multiple answers possible)**

**Activity 2.1 Sustainable production and management of biological resources from land forest and aquatic environment**

	Omics technologies, systems biology and other basic plant sciences	Sustainable aquaculture feeds for safe and healthy seafood for the consumer
	Omics technologies, systems biology and other basic sciences in farm animals	Ecosystem approach to aquaculture
	Conservation and sustainable use of biodiversity	Animal health and non food-borne zoonoses
	Novel technologies for agricultural practices	Food-borne zoonoses; antimicrobial resistance
	Strategies for adaptation to mitigation of climate change	Animal welfare
	Interdisciplinary research on farming systems, agro- and forest-ecosystem (and other research integrating biological, agricultural, socio-economic and policy research)	Farm animals; nutrition; optimising production efficiency and safety
	Management and use of natural resources (e.g. water and soil and functional biodiversity) in agriculture and forestry	Farm animals; breeding, including reproduction for optimised production efficiency
	Sustainable and competitive plant production including low-input and organic farming	Developing/coordinating the KBBE
	Increased plant resource efficiency; adaptation of plants, crops and forest trees to biotic and abiotic stress	Strengthening the impact of agriculture, forestry and aquaculture research: communication and dissemination; technology transfer and training
	Plant health & plant protection	Support to Common Agricultural Policy
	Forestry systems, production and services (including bioenergy); tree related research	Support to Organic Farming Policy
	Knowledge-base for an ecosystem approach to fisheries management (EAFM)	Forestry Action Plan
	Investigating the socio ad economic dimensions of EU fisheries and aquaculture activities	Trade in agricultural products
	New governance for the implementation of the Common Fisheries Policy (CFP) and its inclusion in the EU Integrated Maritime Policy (IMP)	Addressing new challenges of rural development
	In depth understanding of essential biological functions of farmed aquatic animals and integration to the production cycle	Support to other policies

**Activity 2.2 Fork to farm: Food (including seafood), health and well being**

	Determinants of food choice	Process control
	Communication and education strategies in the food chain	Tailor-made products
	Neurobiology of eating behaviour	Safety, quality and traceability along the whole

		food chain
	Specific diets, foods, ingredients and formulations with human nutritional and health benefits	Risk analysis in the food chain
	New tools and concepts to support nutrition science	Climate change impact on and from food and feed chains
	Epidemiology and prevention of diet related diseases	Sustainable production and supply management
	Process design	Food chain organisation and innovation
	Packaging	European Research Area
<b>Activity 2.3 Life Sciences, biotechnology and biochemistry for sustainable non-food products and processes</b>		
	Enhanced metabolic pathways for novel bio products	Pre-treatment of lignocelluloses
	Improving the production of plants for biomaterials and bio fuels	Biomass into chemical building blocks
	Prospecting the biological diversity for the production of commercially valuable compounds	Integrated bio refinery concepts, including socioeconomic and environmental aspects
	Bioactive compounds from marine and fresh water organisms	Bioremediation
	Algae for bio products and bio-energy	Development of biotechnology-based eco-efficient processes
	Biosensors for remediation, monitoring and research	Microbial diversity and metagenomics
	Novel and improved biocatalysts	Impacts of GMO cultivation in the EU
	Pathway engineering for novel molecules and functions	Nano-biotechnologies
	Optimising multiphase/multistep bioreactors	Bioinformatics for biotechnology
	Novel and robust production micro-organisms for industrial processes	Synthetic biology
	By-products of biomass-based industries into bioproducts	Systems Biology
	Second generation biofuels	

**Which are the most appropriate channels for receiving information on FP7 activities/opportunities to your company? (NCPs, EEN, Cordis, ETPs etc.)**

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**Other remarks on the KBBE-2012 call**

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