

# Investitionsbank Schleswig-Holstein

## IB.Europa

Sibyl Scharrer, Kiel, AquaLife 2008  
2 July 2008

Business

Housing

Municipalities

Grants



## ▶ EU-funding programmes

- 7th Framework Programme for Research and Development (FP7)
  - General
  - Food, Agriculture and Fisheries, Biotechnology
  - Environment
- Eco-Innovation
- Life+

## ▶ Enterprise Europe Network

- ▶ Main EU instrument to support European research
- ▶ Duration 2007 – 2013
- ▶ Total budget of 50.521 billion €

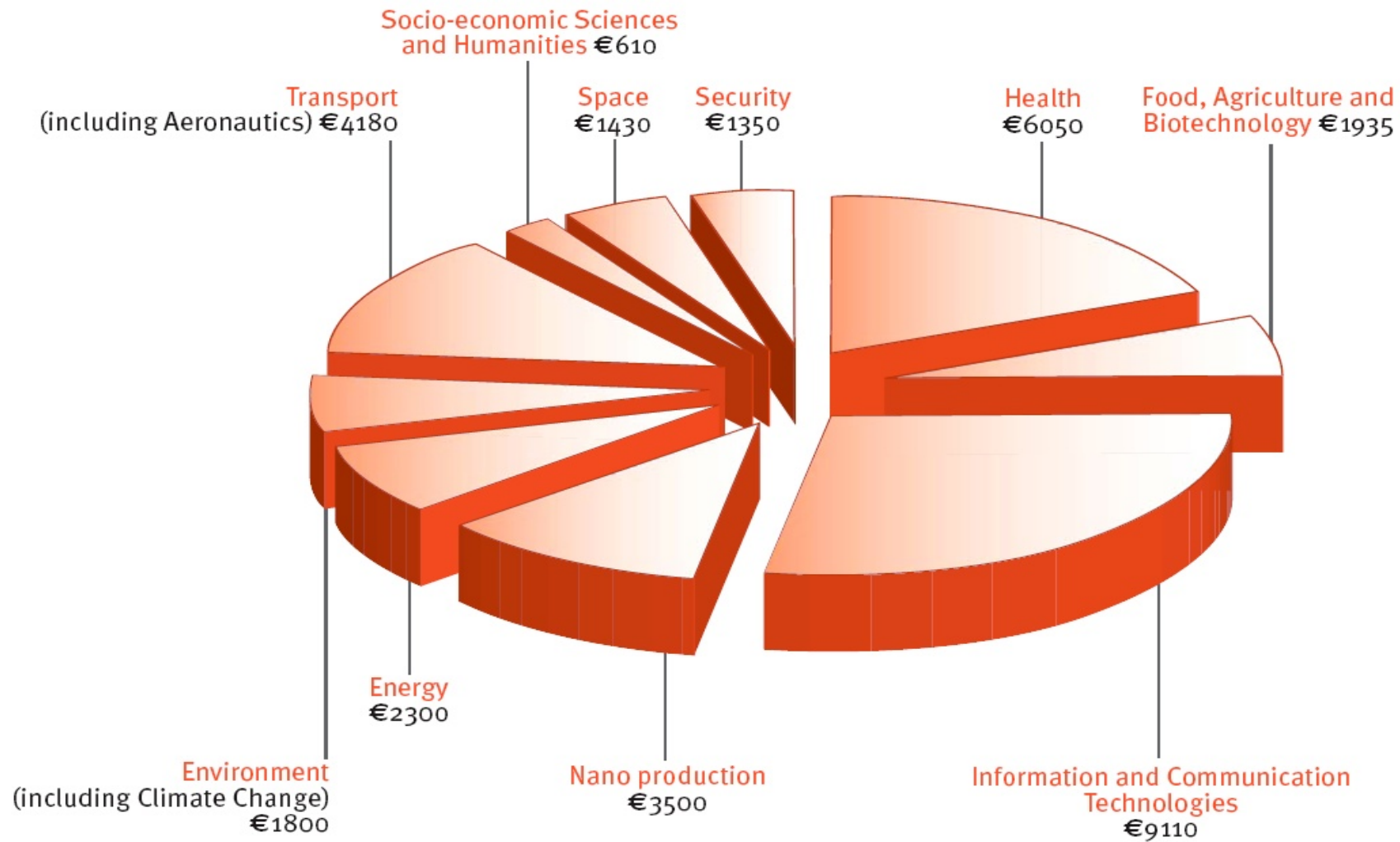
## Funding for

- ▶ Research and Development
- ▶ Development of prototypes
- ▶ Demonstration projects

## 4 +1 specific programmes:

- ▶ **Cooperation: collaborative research (ca. 32.4 bill. €)**
- ▶ Capacities (horizontal): research infrastructure and potential research capacity (4 bill €)
- ▶ Ideas: European Research Council to support frontier research (7.5 bill €)
- ▶ People: human resources (4.75 bill €)
- ▶ Nuclear research (EURATOM)

# FP 7: Cooperation programme breakdown (€ million)



- ▶ Health
- ▶ **Food, agriculture and fisheries, biotechnology**
- ▶ Information & communication technologies
- ▶ Nanosciences, nanotechnologies, materials & new production technologies
- ▶ Energy
- ▶ **Environment (including climate change)**
- ▶ Transport (including aeronautics)
- ▶ Socio-economic Sciences and the Humanities
- ▶ Space
- ▶ Security

- ▶ Activity 1: sustainable production and management of biological resources from land, forest and aquatic environments
- ▶ Activity 2: “Fork to farm”: food (including seafood), health and well-being
- ▶ Activity 3: life sciences, biotechnology and biochemistry for sustainable non-food products and processes
- ▶ Overall Budget: € 1.9 billion (2007-2013)

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

### Aquatic-based biological resources:

- sustainability and competitiveness of fisheries providing the scientific and technical basis for fisheries management
- support to the sustainable development of aquaculture, including breeding and welfare
- the development of tools needed by policy makers and others, in the fields of agriculture, fisheries, aquaculture and rural and coastal development
- works on the socio-economic and ethical context of production

## **“Fork to farm”: food (including seafood), health and well-being**

- ▶ consumer, societal, cultural, industrial and health as well as traditional aspects of food and feed, including behavioural and cognitive sciences
- ▶ nutrition research works on diet-related diseases and disorders and the prevention of diseases
- ▶ innovative food and feed processing technologies enhancing safety assurance methodologies and the integrity of the food chain
- ▶ improving food quality and safety in food, beverages and feeds and development of new ingredients and products
- ▶ environmental impacts on and of food and feed chains and their interactions with global change; total food chain concept, traceability and authenticity of food



## Life sciences, biotechnology and biochemistry for sustainable non-food products and processes

- ▶ Improvement of raw materials and biomass:
  - research for improved crops, forest products, feed-stocks, marine products and biomass for energy, the environment and high value-added products
- ▶ Bioprocesses and products based on renewables:
  - novel farming systems, bio-process and biorefinery concepts, and bio-catalysis
  - new and improved micro-organisms and enzymes
- ▶ Environmental biotechnology:
  - utilisation of agro-industrial wastes and byproducts
  - environmental bio-remediation
  - cleaner bioprocessing

- ▶ Climate change, pollution and risks
  - Pressures on the environment and climate
  - Environment and health
  - Natural hazards
- ▶ Sustainable Management of Resources
  - Conservation and sustainable management of natural and man-made resources and biodiversity
  - Management of marine environments
- ▶ Environmental Technologies
  - Environmental technologies for observation, simulation, prevention, mitigation, adaptation, remediation and restoration of the natural and man-made environment
  - Protection, conservation and enhancement of cultural heritage, including human habitat improved damage assessment on cultural heritage
  - Technology assessment, verification and testing
- ▶ Earth observation and assessment tools
  - Earth and ocean observation systems and monitoring methods for the environment and sustainable development
  - Forecasting methods and assessment tools for sustainable development taking into account differing scales of observation

- ▶ Participants:  
Enterprises, Research institutions, universities, association, public authorities, etc.
- ▶ Min. 15 % of the programm budget for SME-participation
- ▶ Minimal participant number:
  - Small / medium-sized projects 3 participants from 3 different EU-countries
  - Large Scale Integrating Projects 10 participants from 10 countries
- ▶ EC-contributions:
  - Standard contribution for R&D activities: 50%  
but: SME, public institutions, universities, R&D organisations: 75%
  - Standard contribution for demonstration projects: 50%
- ▶ Budget
  - Small and medium sized projects = 1 - 3.5 Mio. Euro
  - Large projects = 10 - 15 Mio. Euro

- ▶ First application or market replication of eco-innovative techniques, products, processes or practices
- ▶ Bridging the gap between Research & Development and commercialisation
- ▶ To achieve environmental impacts
- ▶ To build up long-term marketing strategy
- ▶ To exploit the solution and trigger replications
- ▶ Commercialisation and long-term profit
- ▶ To cover market oriented activities, with a strong emphasis on SMEs
- ▶ To create an enlarged market for eco-innovative products and services
  
- ▶ Budget: ~ €195 million (2008-2013)

- ▶ Materials recycling: better sorting processes, innovative recycling products, new recycling solutions, new markets for recycling products.
- ▶ Buildings: innovative processes and products in the building sector. Sustainable construction materials, water treatment/saving...
- ▶ Food and drink sector: cleaner production processes aiming at higher resources efficiency, reduction of waste and increasing recycling and recovery, high efficiency in the water process.
- ▶ Greening business and smart purchasing: application of (new) EMAS, cluster approach, eco-design, support to eco-labelling, integration of eco-innovation in supply chains.

# Eco-Innovation 2008 Call for Proposals



- ▶ First call 21 April 2008
- ▶ Deadline for proposal submission:  
11 September 2008 17h00
- ▶ Electronic submission only
- ▶ Maximum three years contract
- ▶ Evaluation in December 2008
- ▶ First projects starting from Feb/March 2009
- ▶ Approximate funding budget: € 28 m for 2008
- ▶ On average € 700,000 EC-contribution
- ▶ About 40 projects to be funded in 2008
- ▶ Funding rate: 40% - 60% of the total eligible costs depending on status of the participant
  - 40% if large enterprise
  - 50% if medium enterprise
  - 60% if small enterprise
  - 50% for all others

- ▶ Life+ comprises three components:
  - **LIFE+ Nature and Biodiversity**
  - **LIFE+ Environment Policy and Governance**
  - LIFE+ Information and Communication
  
- ▶ Duration: 1.1.2007 to 31.12.2013
  
- ▶ Budget: € 2.143 billion
  - at least 78% of LIFE+ for the co-financing of project action grants
  - Historically: average grant of € 1 m / project
  
- ▶ Member States: set national priorities and objectives
  
- ▶ National ceilings

- ▶ Demonstration of best-practice projects
- ▶ Focuses on:
  - sustainable long-term investments in Natura 2000 sites, incl. coastal and marine habitat and species
  - conservation actions for species targeted by the Birds' and Habitats' directives
  - projects must “demonstrate best practice”
- ▶ Co-financing rate generally 50% (but up to 75% when clearly targeting priority species or habitats)
- ▶ Land purchase is possible
- ▶ A significant part of the project budget should be allocated to “concrete conservation actions”
- ▶ Recurring conservation management actions for species, habitats and Natura 2000 sites are ineligible



- ▶ Demonstration of innovative projects
- ▶ Focuses on:
  - “demonstrating innovation” measures for enhancing biodiversity in both terrestrial and marine areas, without regard to the Natura 2000 status
- ▶ Actions must be different from and have an added value compared to those in Natura 2000 network
- ▶ Co-financing rate for projects is 50%
- ▶ Land purchase is ineligible
- ▶ A significant part of the project budget should be allocated to “concrete conservation actions”

- ▶ Objective: to contribute to the development and demonstration of innovative policy approaches, technologies, methods and instruments
- ▶ Priorities: i.a. climate change, **water**, air, soil, chemicals, environment and health, waste and natural resources
- ▶ Principal priority 'Water': To contribute to enhanced water quality by developing cost-effective measures to achieve good ecological status
- ▶ Priority areas of action:
  - exchanging policy-relevant information and best practices,
  - enhancing science-policy integration and transfer of results in support to Member States for preparing river basin management plans,
  - contributing to the effective implementation of the EU Thematic Strategy on the protection and conservation of the marine environment
  - hydromorphological features such as restoring floodplains and other measures in support of a directive on the assessment and management of flood risks.

- ▶ Publication of the 2008 call for proposals: 15 July 2008
- ▶ Workshop for potential applicants organised by the Commission: July to November 2008
- ▶ Deadline for applicants to send proposals to Member States' authorities: 21 November 2008
- ▶ Deadline for Member States to send proposals to the Commission: 05 January 2009
- ▶ Eligibility, evaluation and revision: January to July 2009
- ▶ Deadline for signing grant agreements: 31 December 2009
- ▶ Earliest possible starting date for 2008 projects: 01 January 2010

# Summary of Funding Programmes – boundaries between funding possibilities



- ▶ Projects oriented to public authorities should be presented to LIFE+  
<http://ec.europa.eu/environment/life/index.htm>
- ▶ Projects at research stage with high technology risks: DG RTD  
[http://cordis.europa.eu/fp7/home\\_en.html](http://cordis.europa.eu/fp7/home_en.html)
- ▶ First application or market replication of eco-innovative techniques, products, processes or practices, oriented to enterprises:  
<http://ec.europa.eu/environment/etap/ecoinnovation/index.htm>
- ▶ Projects focusing on land-use, urban planning and water management:  
LIFE+ or to DG RTD

- ▶ Calls for proposals with defined objective
- ▶ Submission to European Commission (Life+: 2-stage submission national/EU)
- ▶ Proposal selection/award by European Commission with help of external experts
- ▶ Contract with the European Commission – grant agreement LIFE+?
- ▶ Co-financing principle
- ▶ European dimension

## From idea to project

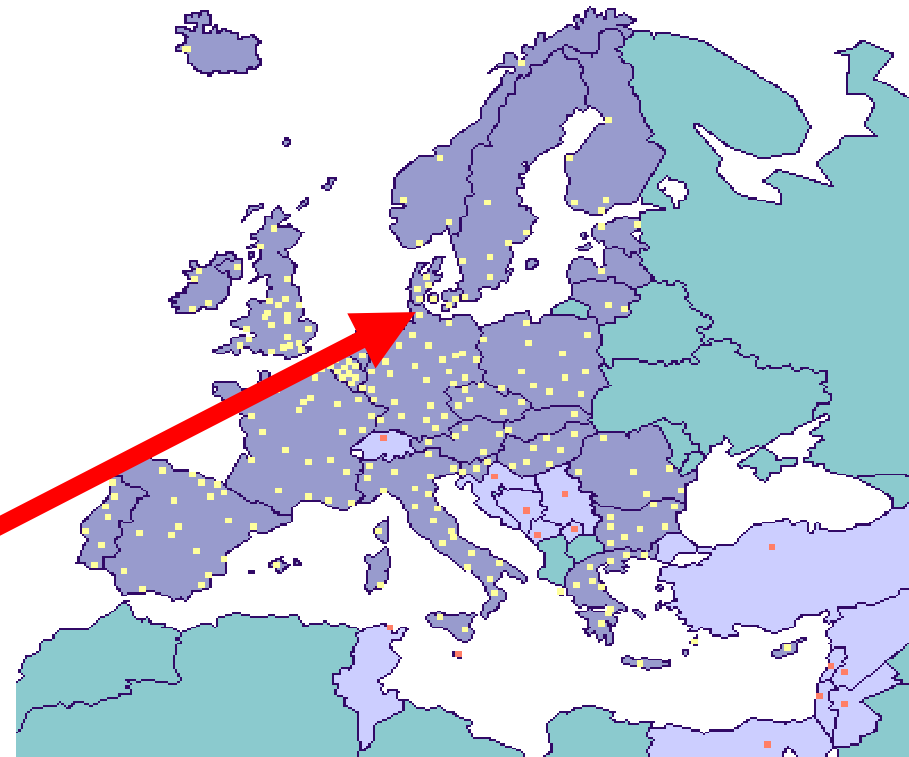
- ▶ Search for and develop idea
- ▶ Research for calls
- ▶ Consultancy
- ▶ Selection criteria i.a.
  - Quality
  - European added value
  - Impact
  - Cost efficiency
- ▶ Evaluation and selection by European Commission

A European network with

- more than 100 consortia
- more than 500 associates
- and 4000 professionals
- in almost 40 European countries

Enterprise Europe Network  
Hamburg - Schleswig-Holstein

- IB Schleswig-Holstein (IB.Europa)
- WTSH
- TuTech GmbH Hamburg
- Innovationsstiftung Hamburg (associated)



- ▶ Advice on European funding opportunities
- ▶ Services for fostering participation of SME in 7th Framework Programme
- ▶ Events for current EU funding programmes
- ▶ Assistance regarding applications for EU funding and throughout the project implementation
- ▶ Enhance cooperation between science and businesses

- ▶ Tender Alert Service: monthly survey of current European tenders
- ▶ Assist companies to export within Europe and internationally
- ▶ Supply accurate market or country analysis
- ▶ Help businesses find trade partners and technology transfer partners, investment opportunities or suppliers by collaborating with thematic networks
- ▶ Provide advice on European Directives, regulations and legislation
- ▶ Interface between enterprises and EU policy –makers
- ▶ Support companies who introduce innovations
- ▶ “Eurobrief” newsletter: interesting facts about topics, projects and actors in Schleswig-Holstein, EU regulations and legislation etc.





Startseite

**DAS VEREINTE EUROPA UND SEIN BINNENMARKT BIETEN ENORME VORTEILE UND WACHSTUMSCHANCEN FÜR DIE NORDDEUTSCHE WIRTSCHAFT.**

Um diese Chancen für Ihr Unternehmen effizient zu nutzen, steht Ihnen das **Enterprise Europe Network Hamburg - Schleswig-Holstein** mit spezialisierten Partnern zur Seite. Unsere Aufgabe ist, die Wettbewerbsfähigkeit von kleinen und mittleren Unternehmen (KMU) in der Region Hamburg Schleswig-Holstein zu stärken und ihr Innovationspotenzial bestmöglich auszuschöpfen. Wir sind Teil eines Netzwerks von mehr als 400 Partnern aus ganz Europa mit einem direkten Draht zur Europäischen Union. Vertrauen Sie auf unsere kostenlose Beratungskompetenz:

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**NÄCHSTER TERMIN**

12.06.2008 - 11:00 Uhr  
"EU-Arbeitsgruppe"

« 2007						2009 »						
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