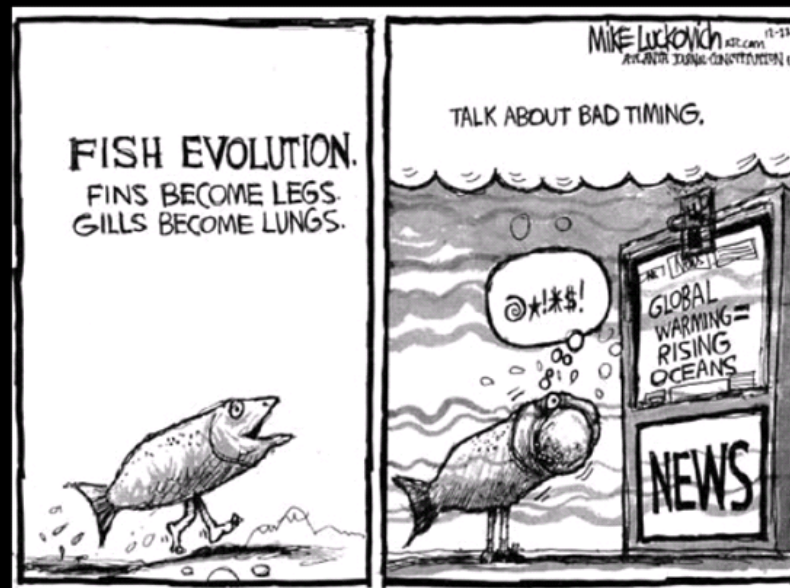


Work Programme 2009

THEME 6 Environment (including Climate Change)

Præsentation af tredje indkaldelse WP2009
og status på anden indkaldelse

Karen Edelvang
Forskningschef
DHI



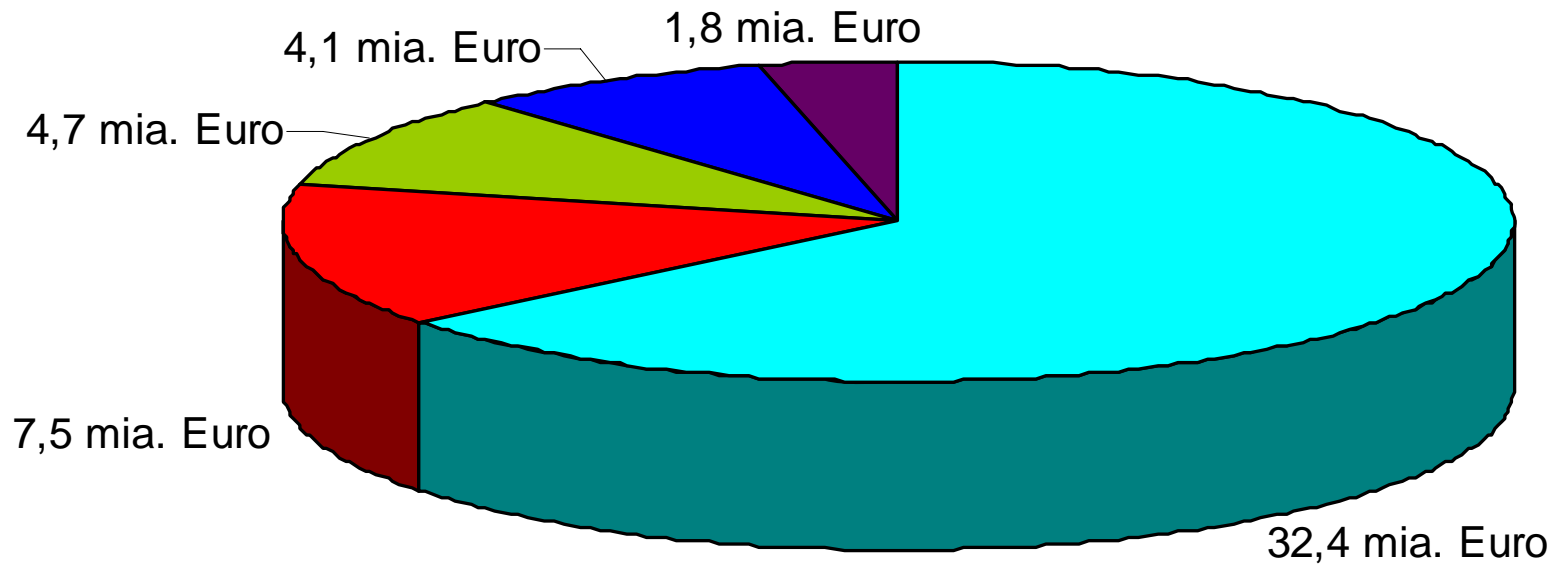
CLIMATE CHANGE
sea level – temperature – storms – waves – CO₂ concentrations – rainfall

COOPERATION	IDEAS	PEOPLE	CAPACITIES
Sundhed	Grundforskning	Forskeruddannelse af nyere kandidater	Forskningsinfrastruktur
Fødevarer, landbrug og bioteknologi		Individuelle stipendier til europæisk samarbejde	Forskning til fordel for SMV'er
Informations- og kommunikationsteknologi		Samarbejde mellem offentlig og privat forskning	Videnbaserede regioner
Nanovidenskab og -teknologi, materialer og produktion		Individuelle stipendier til internationalt samarbejde	Videnskab i samfundet
Energi		Særlige foranstaltninger	Styrkelse af forskningspotentialet i udvalgte regioner
Miljø (inklusive klimaændringer)			Udvikling af forskningspolitikker
Transport (inklusive luftfart)			Internationalt samarbejde
Samfundsvidenskab og humaniora			
Sikkerhed			
Rumforskning			

Program	Indhold	mio. €
<i>Cooperation</i>	Collaborative research (projekter)	32 292
<i>Ideas</i>	Frontier Research (grundforskning)	7 460
<i>People</i>	Human Potential (uddannelse)	4 727
<i>Capacities</i>	Research Capacity (infrastrukturer)	4 291



Budget FP7 (i alt 50,5 mia. Euro)



■ Cooperation ■ Ideas (ERC) ■ People ■ Capacities ■ Joint Research Centre

- **Collaborative projects** (små-mellemstore fokuserede projekter og store integrerende projekter (max 3,5 m€))
- **Networks of excellence** (~samme formål og indhold som i FP6)
- **Coordination actions and Support actions** (~ samme formål og indhold som i FP6) (max 1 m€)
- Actions to promote and develop human resources and mobility of researchers



- Normalt ét årligt arbejdsprogram
- Arbejdet indledes i foråret i WP. Arbejdet for WP2010 er så småt startet
- Call sidst på året
- Næste call ventes 3. september 2008
- Joint call med Biorefineries
- Draft topic for joint call ENV-NMP: development of solutions for the use, recycling and treatment of nantechnology products (november 2008)
- Budget for et år ad gangen
- Funding i mange tilfælde øget til 75%



Deadlines WP 2009

- 3 September 2008: publication of the call
- 8 January 2009: deadline for proposal submission
- February 2009: remote evaluations
- March 2009: consensus meetings
- April: Quick call info for the Committee
- May: Evaluation Report to the Committee

Information days call 2009

- European Water Research Day on 8 September in Zaragoza
- Environmental Technologies Information Day on 15 September in Brussels
- Biorefinery Joint call information Day on 16 September in Brussels
- Sustainable development Information Day on 15-16 October in Brussels

- Total beløb til rådighed: 212 M€
- 425 proposals
- 1 blev trukket tilbage
- 23 blev erklæret ikke gyldige
- 402 blev evalueret
- 225 passerede grænsen fordelt på 11 områder
- 64 foreslået funding fordelt på i alt 922 partnere
- DK andel 4,4% af samlet budget



- 66 ansøgninger, heraf 8 som koordinator
- 24 projekter fik finansiering, heraf 1 med DK koordinator
- De 24 projekter fordeler sig til:
 - 4 universiteter
 - 2 sektorforskningsinstitutioner
 - 2 hospitaler
 - 3 andre offentlige institutioner
 - 4 private
 - 1 GTS
- 85 deltagende danske institutioner, heraf 32 med succes
- DK søgte samlet om 32 M€ og opnåede 9,3 M€
- Dette svarer til en succesrate på 29%, hvilket er den højeste sammenlignet med de andre EU-lande



Identifier: FP7-ENV-2009-1

Publication date: 3. september 2008

Budget: € 212 000 000

Deadline: 8. januar 2009 at 17:00: (Brussels local time)

Joint call deadline: 2 December 2008



A major change in political driver is the focus on climate and environmental change, their consequences and link to energy.

Therefore, an overarching priority in 2009 is adaptation to climate and environmental change, and related issues such as sustainable cities and coastal zones.

These complex issues need to be addressed across the Theme in a problem-solving and coordinated manner, including socio-economic aspects

To promote the structuring of the ERA, two ERA-Nets will be established in 2009, in the fields of climate change and marine environment.

- ENV.2009.1.1.6.4 ERA-Net on Climate Change Impacts and Responses
- ENV.2009.2.2.1.2 Towards integrated European marine research strategy and programmes

In addition, strategic partnerships will support a concerted dialogue between the scientific community, the industry and policy makers in the context of a European strategy and programme on Marine and Maritime research, as set out in the Blue Book from 2007.

- Det marine miljø og klima
- SMV samarbejder
- Biobrændstof Biorefinery Joint Call FP7-2009-BIOREFINERY
- SICA (The Specific International Co-operation Actions)

Temaerne er:

➤ **ACTIVITY 6.1. CLIMATE CHANGE, POLLUTION AND RISKS**

- **Sub-activity 6.1.1. Pressures on environment and climate (EUR 32.5 million)**
- **Sub-activity 6.1.2. Environment and Health (EUR 21 million)**
- **Sub-activity 6.1.3. Natural hazards (EUR 13 million)**

Temaerne er:

➤ **ACTIVITY 6.2. SUSTAINABLE MANAGEMENT OF RESOURCES**

- **Sub-activity 6.2.1. Conservation and sustainable management of natural and man-made resources and biodiversity (EUR 27 million)**
- **Sub-activity 6.2.2. Management of marine environments (EUR 22 million)**

Temaerne er:

➤ **ACTIVITY 6.3. ENVIRONMENTAL TECHNOLOGIES**

- **Sub-activity 6.3.1. Environmental technologies for observation, simulation, prevention, mitigation, adaptation, remediation and restoration of the natural and man-made environment (EUR 27 million)**
- **Sub-activity 6.3.2. Protection, conservation and enhancement of cultural heritage, including human habitat (EUR 8 million)**
- **Sub-activity 6.3.3. Technology assessment, verification and testing (EUR 7 million)**

Temaerne er:

➤ **ACTIVITY 6.4. EARTH OBSERVATION AND ASSESSMENT TOOLS FOR SUSTAINABLE DEVELOPMENT**

- **Sub-activity 6.4.1. Earth and ocean observation systems and monitoring methods for the environment and sustainable development (EUR 20 million)**
- **Sub-activity 6.4.2. Forecasting methods and assessment tools for sustainable development taking into account different scales of observation (EUR 12 million)**

Temaerne er:

➤ **ACTIVITY 6.5. HORIZONTAL ACTIONS**

- **Sub-activity 6.5.1. Dissemination and horizontal activities (EUR 4 million)**

➤ **Joint call med Biorefinery: ENVIRONMENTAL TECHNOLOGIES**

- **ENV.2009.3.3.2.2 Sustainable Biorefineries**
- **ENV.2009.3.3.2.3 Enhancing exchange of information, synergies and cross-fertilisation between projects in the field of Biorefineries**

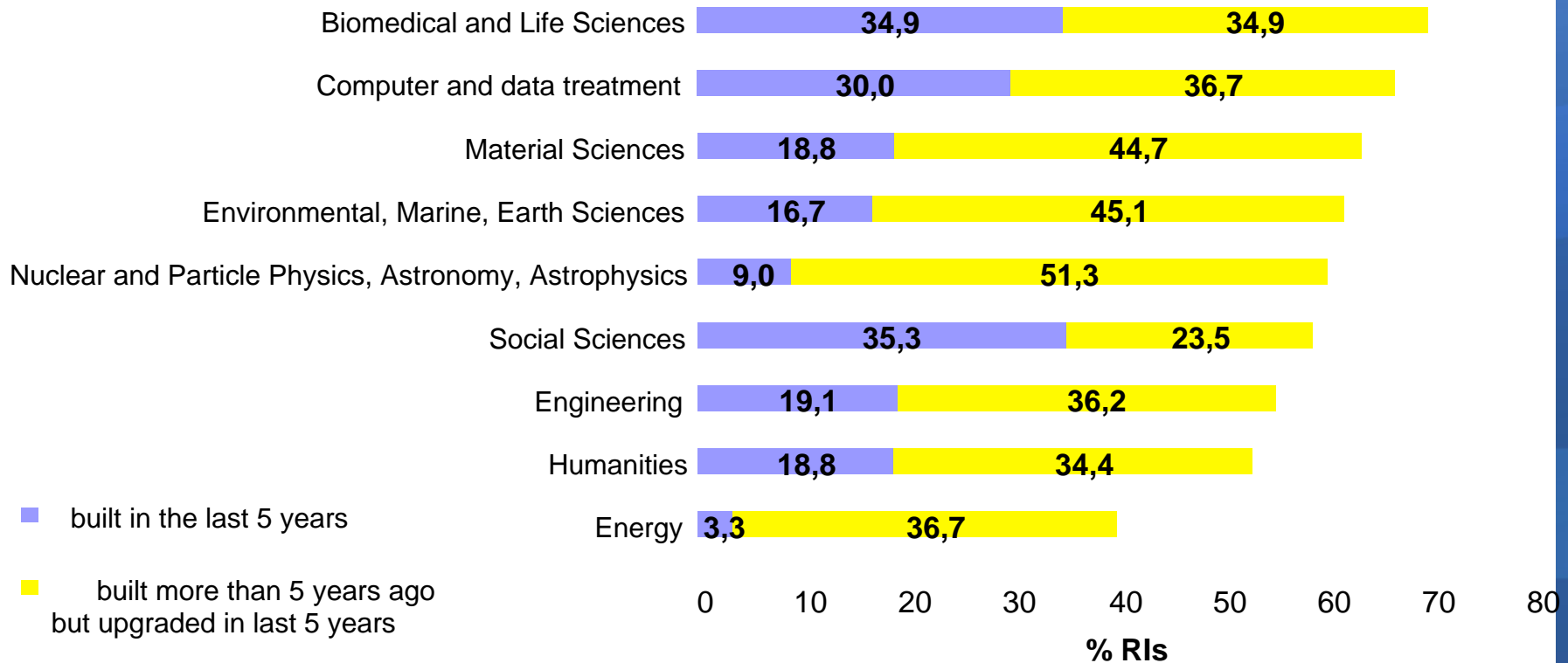
Sub-Activity	Indicative budget (in EUR million)
6.1.1 Pressures on Environment and Climate	32.5
6.1.2 Environment and Health	21
6.1.3 Natural Hazards	13
6.2.1 Conservation and Sustainable Management of Natural and Man-Made Resources and Biodiversity	27
6.2.2 Management of Marine Environments	22
6.3.1 Environmental Technologies	27
6.3.2 Cultural Heritage	8
6.3.3 Technology assessment, Verification and Testing	7 (+10*)
6.4.1 Earth Observation	20
6.4.2 Sustainable Development	12
6.5.1 Dissemination and Horizontal Activities	4
Total	203.5

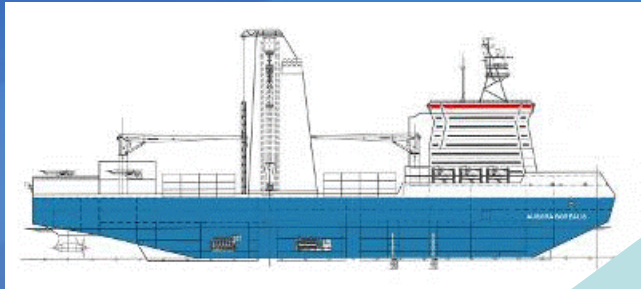
*The total budget of the joint call FP7-2009-BIOREFINERY will be EUR 57 million

Funding scheme	Minimum conditions
Collaborative project	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Collaborative project for specific cooperation actions (SICA) dedicated to international cooperation partner countries	At least 4 independent legal entities. Of these, 2 must be established in different MS or AC. The other 2 must be established in different international cooperation partner countries (ICPC).
Coordination and support action (coordinating action)	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and support action (supporting action)	At least 1 independent legal entity.
Research for the benefit of specific groups	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC. At least 1 of the legal entities has to be a civil society organisation (CSO).

Research Infrastructures' pattern is also rapidly evolving in Europe

Share of RIs Built or Upgraded in the Last 5 Years





AURORA BOREALIS



IAGOS-ERI



EUFAR



EURO-ARGO



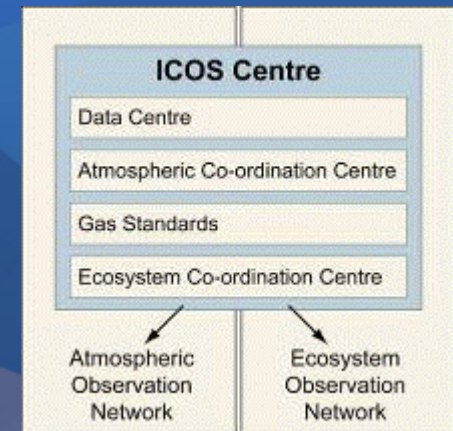
EMSO

7 Projects



LIFEWATCH

ICOS



Who is the Roadmap for ?

Policy Makers
Researchers
Funders
Industry

ESFRI welcomes the active role which the European Commission plays under the 7th Framework Programme



EuroCenter vejleder om rammeprogram og deltagelse:
Nu i Forskningstyrelsen www.eurocenter.info

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