

**Седма рамкова програма на Европейския съюз
за научни изследвания, технологично развитие и
демонстрационни дейности 2007 - 2013**

**Тематичен приоритет
“Околна среда (включително
климатични промени)”**

ст. н. с. д-р Бойко Б. Георгиев

Национално контактно лице по темата “Околна среда (включително глобална промяна)”

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Финансиране на Седмата рамкова програма:

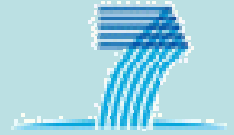
EUR 50 521 милиона за периода 2007-2013 г.

Структура на Седмата рамкова програма - четири основни програми:

- **Cooperation (сътрудничество)**
- **Ideas (идеи)**
- **People (хора)**
- **Capacities (капацитети)**

<http://www.nsfb.net/?id=632&fname=programs>

Основни тематични направления на Седмата рамкова програма:



1. Health
2. Food, Agriculture and Fisheries, Biotechnology
3. Information & communication technologies (ICT)
4. Nanosciences, nanotechnologies, materials & new production technologies
5. Energy
6. Environment (including climate change)
7. Transport (including aeronautics)
8. Socio-economic sciences and the humanities
9. Space
10. Security

FP7 Cooperation Work Programme:

Theme 6 – Environment (including global change)

- **Call identifier: *FP7-ENV-2007-1***
- **Date of publication: 22 December 2006**
- **Deadline: 2nd of May 2007 at 17:00, Brussels local time**
- **Indicative budget: *EUR 200 million***

Funding scheme (Minimum conditions)

Collaborative projects

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 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.

Network of Excellence

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

Funding scheme (Minimum conditions)

Coordination and support actions (coordinating type)

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 actions (supporting type)

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).

Sub-activity 6.1.1. Pressures on environment and climate

- ***Stability of the ThermoHaline Circulation - Collaborative projects (large-scale integrating projects)***
- ***Megacities, air quality and climate - Collaborative projects (small or medium-scale focused research projects)***
- ***Ocean acidification and its consequences - Collaborative projects (large-scale integrating projects)***
- ***Climate change impacts and adaptation strategies in water policies - Coordination and support actions (coordinating type or supporting type)***
- ***Climate change impacts on vulnerable mountain regions - Collaborative projects (large-scale integrating projects)***
- ***Past and future climate change impacts in the Parana-Plata river basin of South America - Collaborative projects (small or medium-scale focused research projects)***

Sub-activity 6.1.1. Pressures on environment and climate (continuation)

- **Full costs of climate change - Collaborative projects (small or medium-scale focused research projects)**
- **Effectiveness of adaptation and mitigation measures related to changes of the hydrological cycle and its extremes - Collaborative projects (small or medium-scale focused research projects)**
- **Impact and feed-backs of climate policies on land use and ecosystems in Europe - Collaborative projects (small or medium-scale focused research projects)**
- **Exploitation and dissemination of climate change research results and public perception - Coordination and support actions (supporting type)**

Sub-activity 6.1.2. Environment and Health

- **Indoor air pollution in Europe: an emerging environmental issue - Collaborative projects (small or medium-scale focused research projects)**
- **Environmental factors and their impact on reproduction and development Collaborative projects (small or medium-scale focused research projects)**
- **European network on human biomonitoring - Network of excellence**
- **European cohort on air pollution - Collaborative projects (large-scale integrating projects)**
- **Health impacts of drought and desertification including socio-economic aspects - Collaborative projects (small or medium-scale focused research projects)**
- **Geographical information systems in support for environment and health research - Coordination and support actions (coordinating type)**

Sub-activity 6.1.3. Natural Hazards

- **European storm risk - Collaborative projects (small or medium-scale focused research projects)**
- **Frame for better vulnerability assessment - Collaborative projects (small or medium-scale focused research projects)**
- **Assessing and managing volcanic threat - Collaborative projects (small or medium-scale focused research projects)**
- **Harmonising avalanche forecasting, risk mapping and warning - Collaborative projects (small or medium-scale focused research projects)**
- **Investigating Europe's risk from droughts - Coordination and support actions (coordinating or supporting type)**
- **European (multi) hazard database analysis - Coordination and support actions (supporting type)**

Sub-activity 6.2.1. Conservation and sustainable management of natural and man-made resources and biodiversity

- **Assessing the ecological status of water bodies - Collaborative projects (large-scale integrating projects)**
- **River basin twinning initiatives as a tool to implement EU initiatives - Collaborative projects (small or medium-scale focused research projects)**
- **Temporary water bodies management - Collaborative projects (small or medium-scale focused research projects)**
- **Integrated resource management in international co-operation partner countries - Coordination and support actions (supporting type)**
- **Geographical transect approach to desertification - Collaborative projects (large-scale integrating projects)**
- **Contribution of biodiversity to ecosystem services - Collaborative projects (small or medium-scale focused research projects)**
- **Use of natural resources: the impact on biodiversity, ecosystem goods and services - Collaborative projects (small or medium-scale focused research projects)**
- **Biodiversity values, sustainable use and livelihoods - Collaborative projects (small or medium-scale focused research projects)**
- **Urban metabolism and resource optimisation in the urban fabric - Collaborative projects (small or medium-scale focused research projects)**

Sub-activity 6.2.2. Management of marine environments

- **Development of advanced ecosystem models methodologies for the management and sustainable use of resources - Collaborative projects (large-scale integrating projects)**
- **Ecology of important marine species - Collaborative projects (small or medium-scale focused research projects)**
- **Habitat-marine species interactions in view of ecosystem based management in the deep-sea - Collaborative projects (large-scale integrating projects)**
- **Dynamic of marine ecosystem in a changing environment - Collaborative projects (large-scale integrating projects)**
- **Deep ocean geophysical and biological processes - Coordination and support actions (coordinating type)**
- **Investigating life in extreme environments - Coordination and support actions (coordinating type)**
- **Promoting access to information across marine themes - Coordination and support actions (supporting type)**
- **Fostering improved co-operation between marine science and the private sector - Coordination and support actions (supporting type)**
- **Access to and recovery of marine data from previous FP projects - Coordination and support actions (supporting type)**

Sub-activity 6.3.1. Environmental technologies for observation, simulation, prevention, mitigation, adaptation, remediation and restoration of the natural and man-made environment

- **Innovative technologies and services for sustainable water use in industries - Collaborative projects (large-scale integrating projects)**
- **Technologies for measuring and monitoring networks - Collaborative projects (small or medium-scale focused research projects)**
- **Development and improvement of technologies for data collection in (digital) soil mapping - Collaborative projects (small or medium-scale focused research projects)**
- **Development of technologies and tools for soil contamination assessment and site characterisation, towards sustainable remediation - Collaborative projects (small or medium-scale focused research projects)**
- **Development of integrated waste management technologies for maximising material and energy recovery/ recycling of the organic (humid) fraction of municipal solid waste - Collaborative projects (large-scale integrating projects)**

Sub-activity 6.3.1. Environmental technologies for observation, simulation, prevention, mitigation, adaptation, remediation and restoration of the natural and man-made environment (continuation)

- **New technologies for waste sorting - Collaborative projects (small or medium-scale focused research projects)**
- **Networking and preparatory action in view of developing cost-effective, environmentally-safe waste treatment technologies and services adapted to the needs of developing countries, within a targeted life cycle approach - Coordination and support actions (coordinating type)**
- **Networking and preparatory action in view of control of mercury in industrial processes and products - Coordination and support actions (coordinating type)**
- **Low resource consumption buildings and infrastructure - Coordination and support actions (coordinating type)**
- **Performance indicators for health, comfort and safety of the indoor built environment - Coordination and support actions (coordinating type)**

Sub-activity 6.3.2. Protection, conservation and enhancement of cultural heritage, including human habitat

- **Damage assessment, diagnosis and monitoring for the preventive conservation and maintenance of the cultural heritage - Collaborative projects (small or medium-scale focused research projects)**
- **Consolidation and dissemination of results related to cultural heritage - Coordination and support actions (supporting type)**

Sub-activity 6.3.3. Technology assessment, verification and testing

- ***In-silico* techniques for hazard-, safety-, and environmental risk-assessment - Collaborative projects (small or medium-scale focused research projects)**
- **Defining of a long-term research strategy for the full replacement of animal tests for repeat dose systemic toxicity - Coordination and support actions (coordinating type)**

Sub-activity 6.4.1. Earth and ocean observation systems and monitoring methods for the environment and sustainable development

- **Monitoring of the carbon cycle at global level - Coordination and support actions (coordinating type)**
- **Contribution to a global biodiversity observation system - Collaborative projects (small or medium-scale focused research projects)**
- **Coordination of national earth observation programmes in view of their long-term integration and sustainability - Coordination and support actions (coordinating type)**
- **Contributing to the development of a worldwide network of in-situ observatories for seismogenic hazards - Collaborative projects (small or medium-scale focused research projects)**
- **Dissemination and broadcasting of scientific data and information - Coordination and support actions (supporting type)**

Sub-activity 6.4.1. Earth and ocean observation systems and monitoring methods for the environment and sustainable development (continuation)

- **Application of Earth Observations to environmental and health issues - Coordination and support actions (supporting type)**
- **Monitoring the ocean interior, seafloor, and subseafloor - Collaborative projects (small or medium-scale focused research projects)**
- **Development of a Global Soil Observing System - Collaborative projects (small or medium-scale focused research projects)**
- **Georesource information system for Africa - Coordination and support actions (supporting type)**
- **Improving observing systems for water resource management - Collaborative projects (small or medium-scale focused research projects)**
- **GEONETCast applications for developing countries - Coordination and support actions (supporting type)**

Sub-activity 6.4.2. Forecasting methods and assessment tools for sustainable development taking into account different scales of observation

- **Methodologies for scaling down to the regional and local level the analysis of policy impacts on multifunctional land uses and the economic activity - Collaborative projects (small or medium-scale focused research projects)**
- **Improved tools to analyse the sustainable development implications of the EU financial perspective revision (2008-2009) - Collaborative projects (small or medium-scale focused research projects)**
- **Tools for impact assessment of sustainable development policies in international collaboration partner countries - Collaborative projects (small or medium-scale focused research projects)**
- **Bridging mainstream indicators of economic performance with sustainable development objectives - Collaborative projects (small or medium-scale focused research projects)**
- **Policies to promote sustainable consumption patterns - Collaborative projects (small or medium-scale focused research projects)**
- **Engaging civil society in research on sustainable development - Research for the benefit of specific groups or coordination and support actions (coordinating or supporting type)**

Национални контактни лица по темата “Околна среда (включително климатична промяна)”

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