

SECOND Call Global Change and Ecosystems – Possibilities for forest research

Specific Programme: Integrating and Strengthening the ERA

Priority Area 6: Sustainable Development, Global Change and Ecosystems

Sub-priority 3: Global Change and Ecosystems

Call Identifier: FP6-2003-Global-2 (http://fp6.cordis.lu/fp6/call_details.cfm?CALL_ID=78)

Call period: 3 July 2003 – 9 October 2003 (for IP, NoE, STREP, CA)
3 July 2003 – 9 October 2003 and 17 February 2004 (for SSA)

Budget second Call 2004:

Instrument	E (millions)
IP and NoE	150
STREP, CA and SSA	30
Total	180

Minimum number of participants

Instrument	Minimum number of participants
IP, NoE, STREP, CA	3 independent legal entities from 3 different member states (MS) or Associated States (AS), with at least 2 MS or Associated Candidate Countries (ACC)
SSA	1 legal entity, 1 from a MS or AS

Consortia agreements:

- Participants in IP and NoE are required to conclude a consortium agreement
- Participants in STREP, CA and SSA are encouraged but not required to conclude a consortium agreement

Estimated time table:

- IP and NoE evaluation: 2-stage. An outline proposal of about 20 pages shall be submitted before 9 October 2003. Indicative closure date second submission: 17 February 2004
- Other instruments: single-stage submission.
- Evaluation results: within 2-3 months after closure date
- First contract signature: before end 2004

Forest research opportunities in the second Call for Proposals (3 July 2003) related to Global Change and Ecosystems

Note: in general up to 1 project utilising a new instrument (NoE, IP) will be funded for each topic. The number of STREPs and CAs for the relevant topics and of SSAs is not limited.

Area	Topic category	Topic area	Topic 2004 (SECOND call)	Instruments (to be implemented in 2004)
I. Impact and mechanisms of greenhouse gas emissions and atmospheric pollutants on climate, ozone depletion and carbon sinks	I.3. Climate dynamics and variability	-	3a. Hot spots in the earth system	1 IP or NoE
II. Water cycle, including soil-related aspects	II.3. Integrate management strategies and mitigation technologies	3.1. Integrated water management at catchment scale	3.1b. Methodologies of Integrated Water Resource Management and Transboundary issues (through international partnership with candidate and developing countries and International Organisations)	1 NoE or IP
III. Biodiversity and ecosystems	III.3. Integrated assessment of drivers affecting ecosystems functioning and biodiversity, and mitigation options	-	3.1. Develop models and simulations to assess and forecast changes in terrestrial and fresh water biodiversity and ecosystems (focus on European ecosystems)	1 NoE or IP
	III.4. Risk assessment, management, conservation and rehabilitation options in relation to terrestrial and marine ecosystems	-	4.3. Create an inventory of invasive species that threaten European terrestrial, freshwater and marine environments	STREP and CA
IV. Mechanisms of desertification and natural disasters	IV.1. Mechanisms of desertification	-	1b. Assessment of the vulnerability to desertification	1 NoE or IP (IP preferred)
			1c. Combating desertification (international cooperation with relevant regions (Africa, Asia, Latin America) is encouraged)	1 NoE or IP
	IV.2. Natural disasters	-	2c. Natural disasters (e.g. forest fire, floods, landslides) (potential for international cooperation)	STREP and CA

Area	Topic category	Topic area	Topic 2004 (SECOND call)	Instruments (to be implemented in 2004)
V. Strategies for sustainable land management, including coastal zones, agricultural land and forests	V.1. Sustainable use of land	V.1.1. Land-use and landscapes in sensitive regions	1a. Enhanced impact assessment and management tools for sustainable land-use with a multifunctional approach	1 NoE or IP
	V.2. Qualitative and quantitative aspects of multi-functionality of agriculture and forestry/wood chain	V.2.1. Agriculture for sustainable development	1a. Farming system management and multifunctional use of agriculture and agroforestry to implement the Sustainable Development Strategy (participation of associated candidate countries is encouraged)	1 NoE or IP (IP preferred)
VI. Operational forecasting and modelling including global climatic change observation systems	VI.1. Development of observing and forecasting systems	-	1a. Earth system observations	NoE
			1b. Co-operative projects on climate observation with non-EU countries	STREP
VIII. Cross-cutting issues: sustainable development concepts and tools	VIII.1. Estimating thresholds of sustainability and externalities	-	1b. Thresholds of sustainability	1 NoE or IP (IP preferred)
			1c. Externalities (new accounting frameworks of externalities for sustainability assessment at both micro and macro level)	1 NoE or IP (IP preferred)
	VIII.2. Developing tools for integrated sustainability assessment and for the incorporation of sustainability in decision making processes	-	2c. Innovative methods and tools for Integrated Sustainability Assessment (participation of associated candidate countries is encouraged)	1 NoE or IP
			2e. Educational programmes on social and environmental tools for the implementation of the EU Strategy on Sustainable Development both at EU and international levels	STREP and CA

Area (instrument)	Topic 2004 (SECOND call)	
Specific Support Actions (SSA)	European Network for Research in Global Change (ENRICH) to build and strengthen co-operation with partners in developing world on issues such as climate change, biodiversity, ecosystems, natural risks and hazards.	SSA
	Actions for associated candidate countries	SSA
	Call for tender in 2004: Providing scientific, technical and logistical support for the activities of the European Platform for Biodiversity Research Strategy (EPBRS)	SSA