

Information Society Technologies in the 6th Framework Programme

IST Call 6

January 2006



European Commission



Information Society
and Media

2.6.5 International cooperation

Early warning systems for geo-physical hazards

- Target countries: Mediterranean partner countries, Indonesia, Thailand, India, Sri-Lanka, Japan, USA, Canada, New-Zealand.
- The aim is to develop, validate and demonstrate advanced systems and services to manage geo-physical risks, with a focus on developing an early warning and alert capacity for improved disaster prevention and preparedness in coastal zones. The objective is to establish operational prototypes for tsunami detection, early warning and alert relevant to the main tsunami-prone regions in the Atlantic and Mediterranean, and Indian Ocean.

2.6.5 International cooperation

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- Additional support measures include:
 - technology transfer between EU and tsunami-prone countries and regions bordering the Indian Ocean, for sharing best practice, promoting standards and adapting these to local needs and conditions;
 - Collaboration with specialised institutes in countries bordering the Mediterranean Sea with the aim of promoting a harmonised approach to tsunami early warning and alert for the Mediterranean basin.
- Instruments: STREPs, SSAs and CAs
- Indicative budget 5 M€, submission deadline: 25 Apr, 2006

Early warning systems for geo-physical hazards

Ideally, what we would like to see:

- A large STREP dealing with the enhancement of early warning and alert capacities, applied to tsunamis and other coastal hazards, which can build upon existing and future advanced infrastructures implemented under the coordination of UNESCO-IOC. Relevance and transferability of the technology to multiple tsunami-prone areas (Indian Ocean, Mediterranean and NE Atlantic) should be explored.
- IST focus should be on software and service development and system validation, in particular to improve speed and quality of data transmission and data integration across the entire chain (from monitoring to citizen alert), including sensor networking.

Early warning systems for geo-physical hazards

Ideally, what we would like to see:

- A Specific Support Action or Coordination Action, willing to cluster with the STREP and other related activities, that will enable INCO Countries (in particular those bordering the Indian Ocean and Mediterranean) to collaborate, with respect to e.g.: TEWS user requirements, validation, training and capacity building, to ensure that expected developments meet the local needs, while taking into account the international coordination guidelines of UNESCO-IOC towards the implementation of a global tsunami early warning system.

Early warning systems for geo-physical hazards

Web site:

http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6DetailsCallPage&call_id=271

Info Day:

31st January 2006, hosted by UNESCO-IOC, Paris

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