Array of sensors for long term seabed monitoring of geohazards

Fact Sheet

Project Information

ASSEM

Grant agreement ID: EVK3-CT-2001-00051

Funded under
FP5-EESD

Project website

Overall budget
€ 3 108 750

EU contribution
€ 1 916 500

Coordinated by
N/A

Start date
1 January 2002

End date
31 December 2004

Objective

Understanding the slopes instability phenomena or tectonically active areas requires the capacity to measure and monitor a set of geotechnical, geodesic and chemical parameters. Although this monitoring can be achieved on shore with conventional means, its implementation on subsea areas presents numerous difficulties. The project proposes to develop and evaluate an instrumentation set enabling this monitoring, on subsea areas of about 1 km² during up to two years. It comprises a part devoted to improving and adapting a selection of sensors to their particular implementation conditions, a part dedicated to the networking of the sensors organized in a set of distributed subsea stations for data collection. The developed system will be implemented in the Ormen Lange oil field and Gulf of Corinth, selected for the important consequences of geohazard risks on the local population and industry.
Programme(s)

Topic(s)

Funding Scheme
CSC - Cost-sharing contracts

Coordinator
N/A

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