

LIMES presentation

Land and Sea Monitoring For Environment and Security



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INNOVATING SOLUTIONS

Introduction

LIMES Integrated Project proposal submitted at the 3rd EU R&D Framework Programme GMES Call on Security on July 13th 2005

Some information:

- Coordinated by Telespazio
- Budget: 21M
- 42 months project
- 49 partners and around 20/25 main users

Goals

The project will for the first time systematically develop GMES applications relating to security, applying innovative solutions and services based on Earth Observation systems and satellite communication and positioning technologies.



Domains:

- Organization and distribution of humanitarian aid & reconstruction
- Surveillance of the EU borders (land and sea)
- Surveillance and protection of maritime transport for sensitive cargo
- Protection against emerging security threats

LIMES Service Domains contribution to EU Policies

EU Policies	JFS - Justice Freedom and Security	External policies including CFSP			Maritime Transport
	Border control, Terrorism, Crisis Prevention, Internal Security	Humanitarian Relief, Development and Reconstruction	Internal security, Peacekeeping, conflict prevention, Global Security	Treaty monitoring	Safety of Maritime Transport
Domains/Missions					
Maritime Transport Surveillance	Indirect Contribution		Indirect Contribution	Indirect Contribution	Direct Contribution
EU sea borders surveillance	Direct Contribution		Indirect Contribution	Direct Contribution	Direct Contribution
EU land borders surveillance	Direct Contribution	Indirect Contribution	Direct Contribution	Direct Contribution	
Humanitarian crisis support		Direct Contribution	Indirect Contribution		
Support to development and reconstruction	Indirect Contribution	Direct Contribution			
Emerging Security Threats [1]	Direct Contribution	Indirect Contribution	Indirect Contribution	Direct Contribution	

[1] Cross border trafficking (people and goods), terrorism, regional conflicts, WMD.

 Direct Contribution
 Indirect Contribution

Main Partners

- Coordinator: Telespazio; Scientific Coordinator: JRC
- Cluster Service coordinators:
 - DLR (Humanitarian Relief)
 - QinetiQ (Maritime Surveillance)
 - GMV (Land and infrastructure surveillance)
- Capability/Product main partners:
 - Joint Research Centre
 - Infoterra
 - Telespazio
 - Alcatel Alenia Space

Main users

- EU/International: Europol, EUSC, EU Agencies, UN Agencies; ICRC
 - France: Prefecture Maritime;
 - Germany: Civil Protection; Humanitarian aid organisations;
 - Greece/Cyprus: Coast Guard; Land border authority;
 - Ireland: Coast Guard;
 - Italy: Civil Protection, Police, Cost Guard; Italian Red Cross;
- NGO(s)
- Latvia: Land Borders
 - Norway/Sweden: Defence/Coast Guard;
 - Poland: Land Borders;
 - Spain: Coast Guard; Guardia Civil
 - UK: Coast Guard; Port Authorities

Thank you

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