

SECURITY RESEARCH in FP7

Securing Europe through knowledge and technology

Activities related to Maritime Security



European Commission
Enterprise and Industry

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"Security Research and Development"*

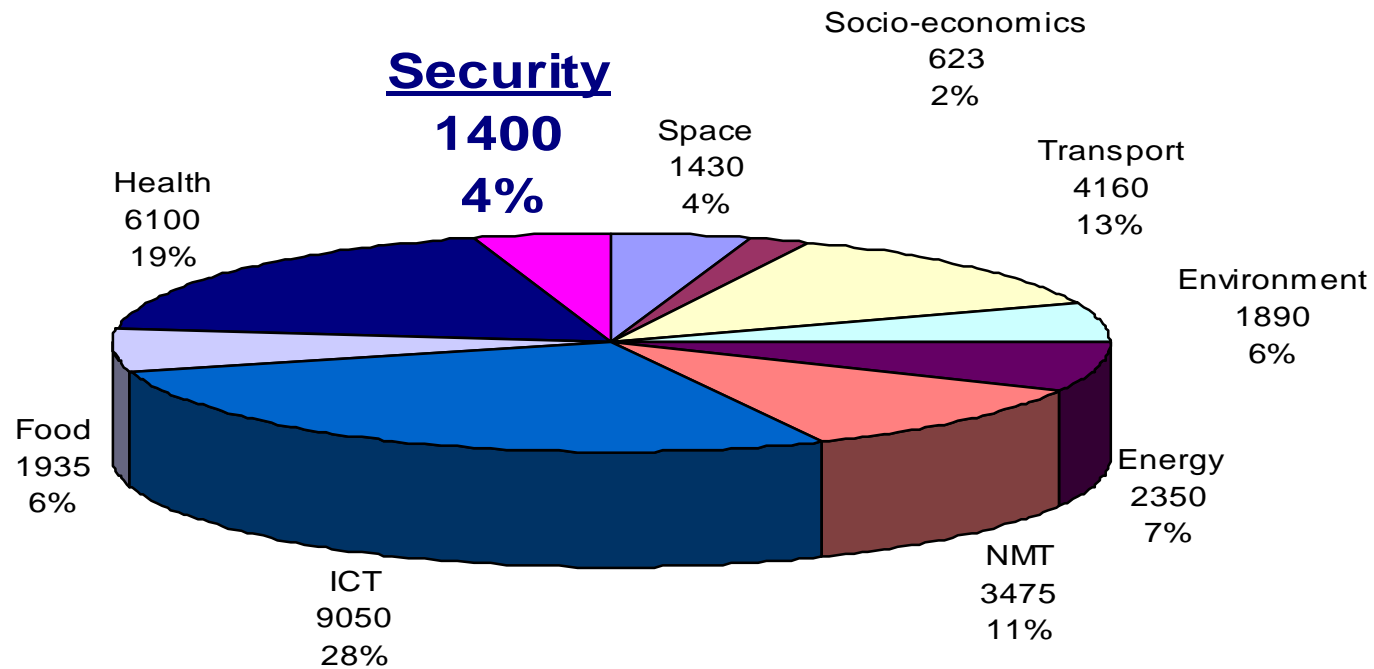
EU R&D: Objectives

- ***Improving the competitiveness of European industry (...exploiting internal market potential to the full, in particular through the opening-up of national public contracts, the definition of common standards...)***
- ***Supporting the implementation of EU policies.***



FP 7 (2007-2013)

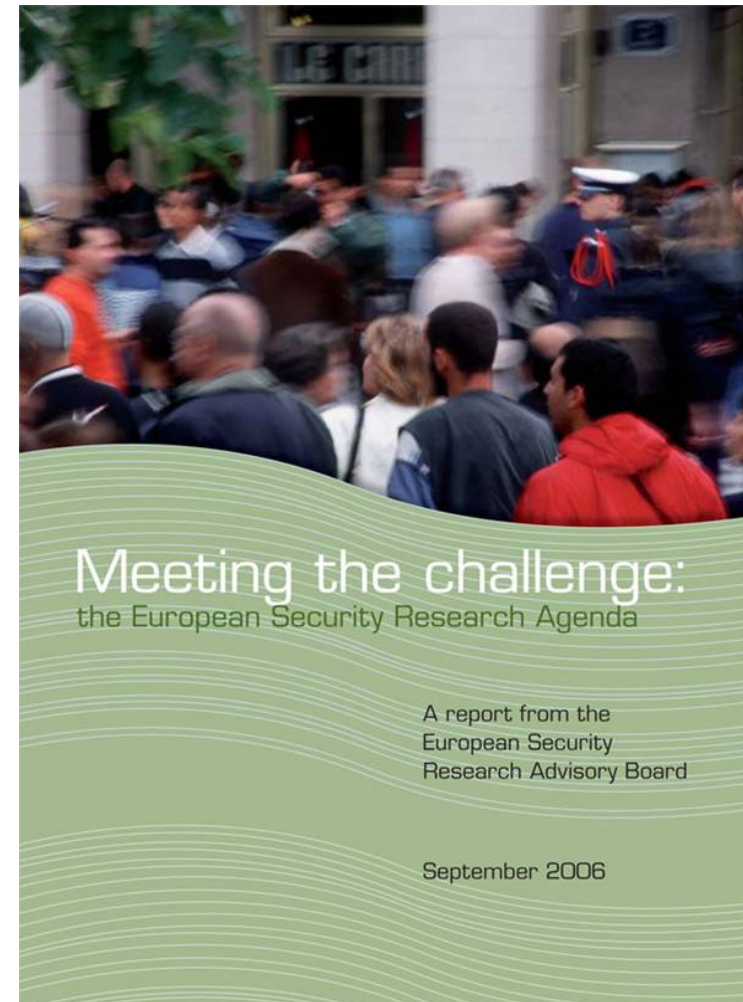
FP7 Cooperation programme: EUR 32,413 million
Ten Research Priority Themes



Security R&D - “mission driven”: from threats to missions to capabilities

4 Mission Areas

- Protection against Terrorism and Organized Crime
- Critical Infrastructure Protection
- Border Security
- Restoring Security in Case of Crisis





Mission 3: Border Security

Coordinate / Monitor / Detect / Track

Agenda set in evolving political context, i.e. Stockholm Process, implementation of EUROSUR :

- **Internal security,**
- **Immigration management.**



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Maritime border security:

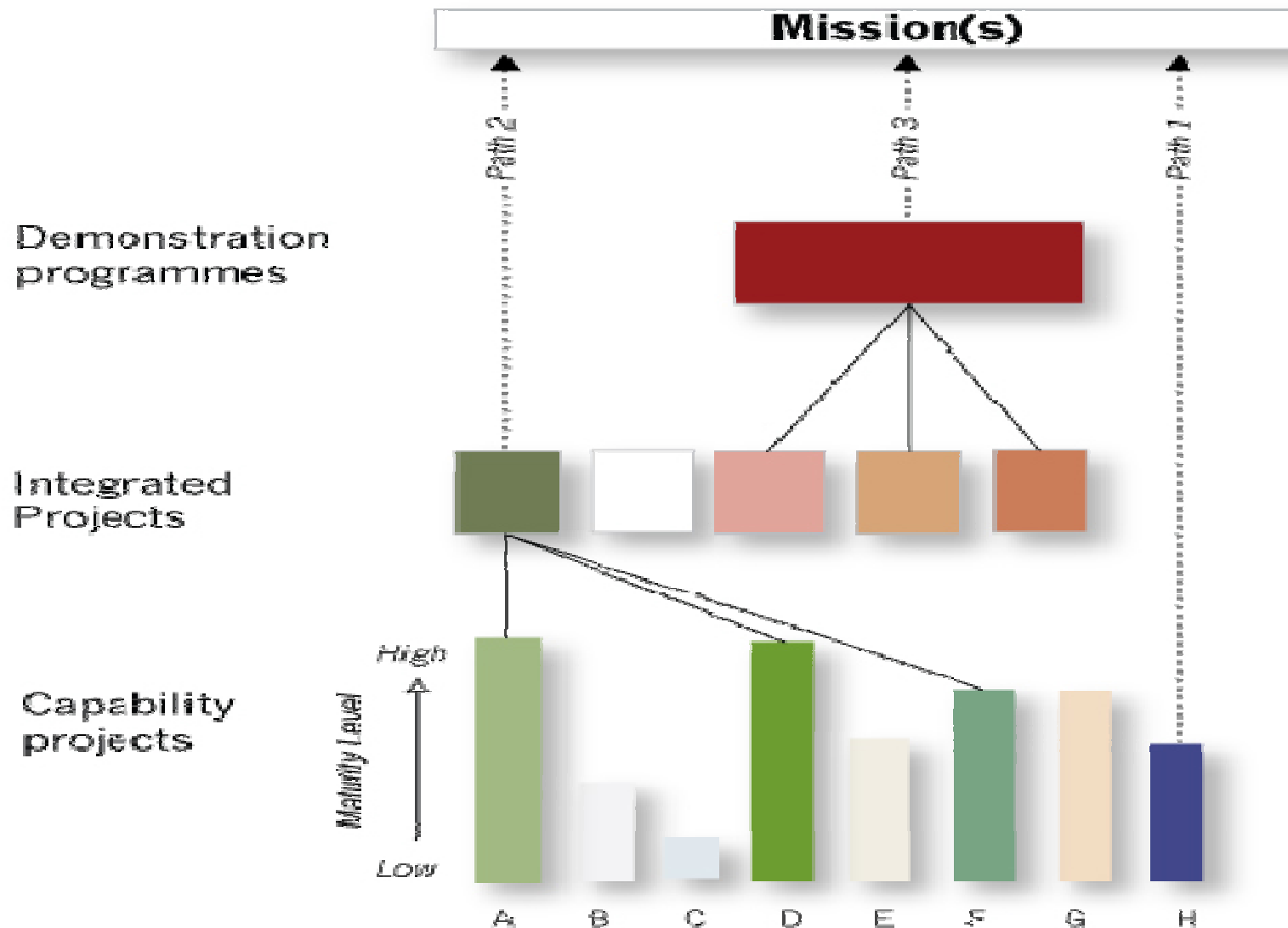
very complex subject

- **Humanitarian tragedies, with huge economic impact**

- **Solutions are very expensive, no blanket coverage**



R&D implementation approach



FP7 Projects related to Maritime Border Security

Demonstration Programme:

PERSEUS (tbf)

27 M€ EC Contr.

FP7-SEC-2010-1

Integrated Projects:

Will be presented next

I2C,

9.8 M€ EC Contr.

SEABILLA,

9.8 M€ EC Contr.

SUPPORT

9.5 M€ EC Contr.

FP7-SEC-2009-1

Capability Projects:

AMASS,

www.amass-project.eu

3.6 M€ EC Contr.

WIMAAS,

www.wimaas.eu

2.7 M€ EC Contr.

SECTRONIC

www.sectronic.eu

4.5 M€ EC Contr.

FP7-SEC-2007-1

Coordination Action:

OPERAMAR

www.operamar.eu

0.7 M€ EC Contr.

FP7-SEC-2007-1



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Demonstration Programme

Europe-wide integrated maritime border control system



USERS



- FRONTEX
- National border guards and coast guards
- EMSA, MAOC

Key challenges identified :

- *Detection of small craft;*
- *Fusion of information and establishment of an overall picture at regional and European levels;*
- *Presentation of the information;*
- *Inter-operability.*



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Possible (future) extension to: securing maritime infrastructure

