



SeaBILLA

EU FP7 Integration Project (*)

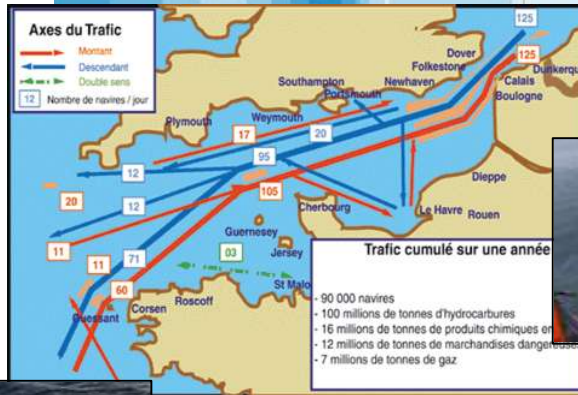
on Sea Border Surveillance

Mr Salvatore Rampino
European Maritime Day - 21 May 2010

(*) **FP7 Second Call Security – project eligible for funding**
GRANT AGREEMENT under negotiation

The scope of Maritime Safety & Security

Navigational Hazards



Tricolor

Pollution

Terrorist threat



USS Cole



Limburg



Erika



Prestige



Illegal immigration



East Sea



Safety at sea

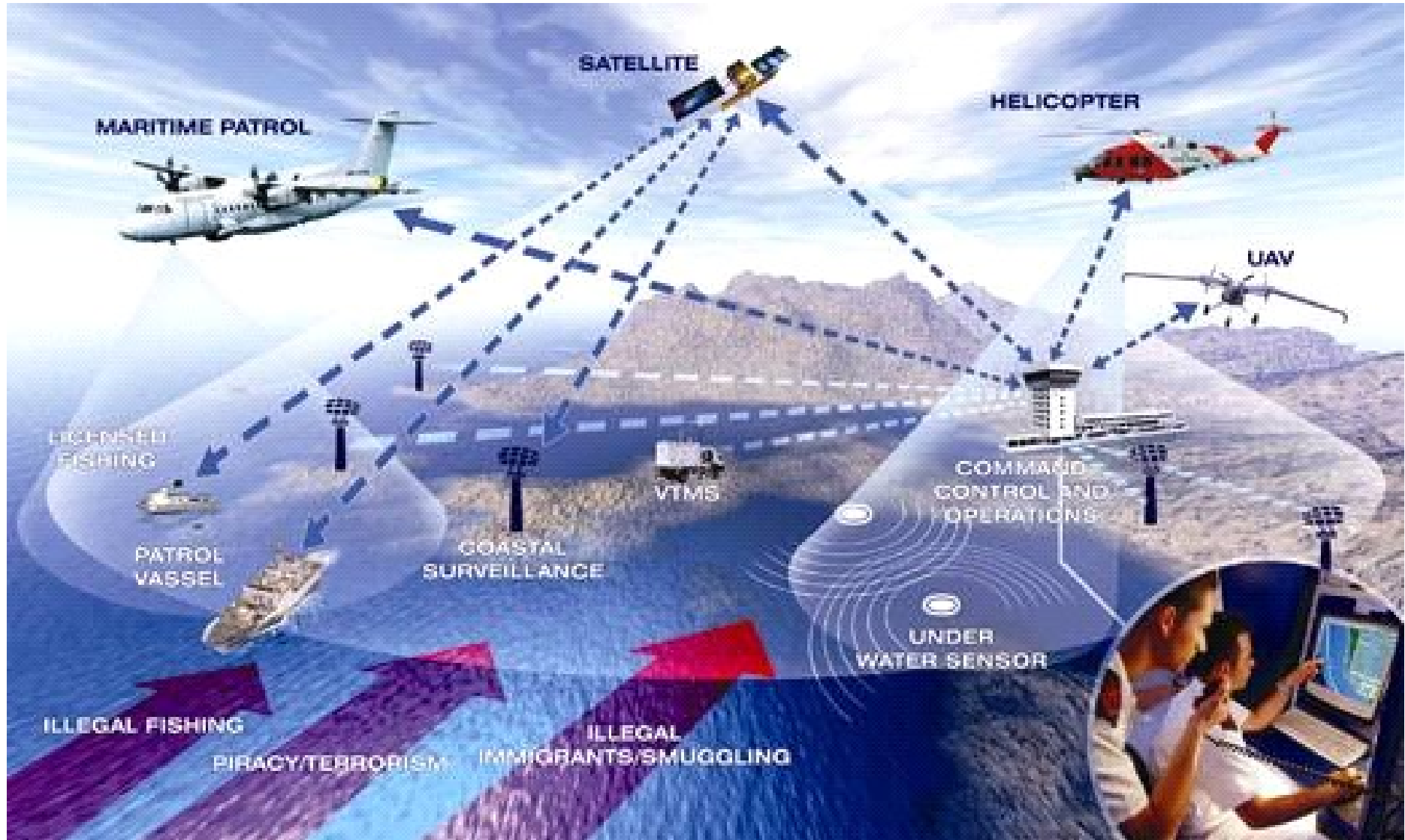


Illegal fishing

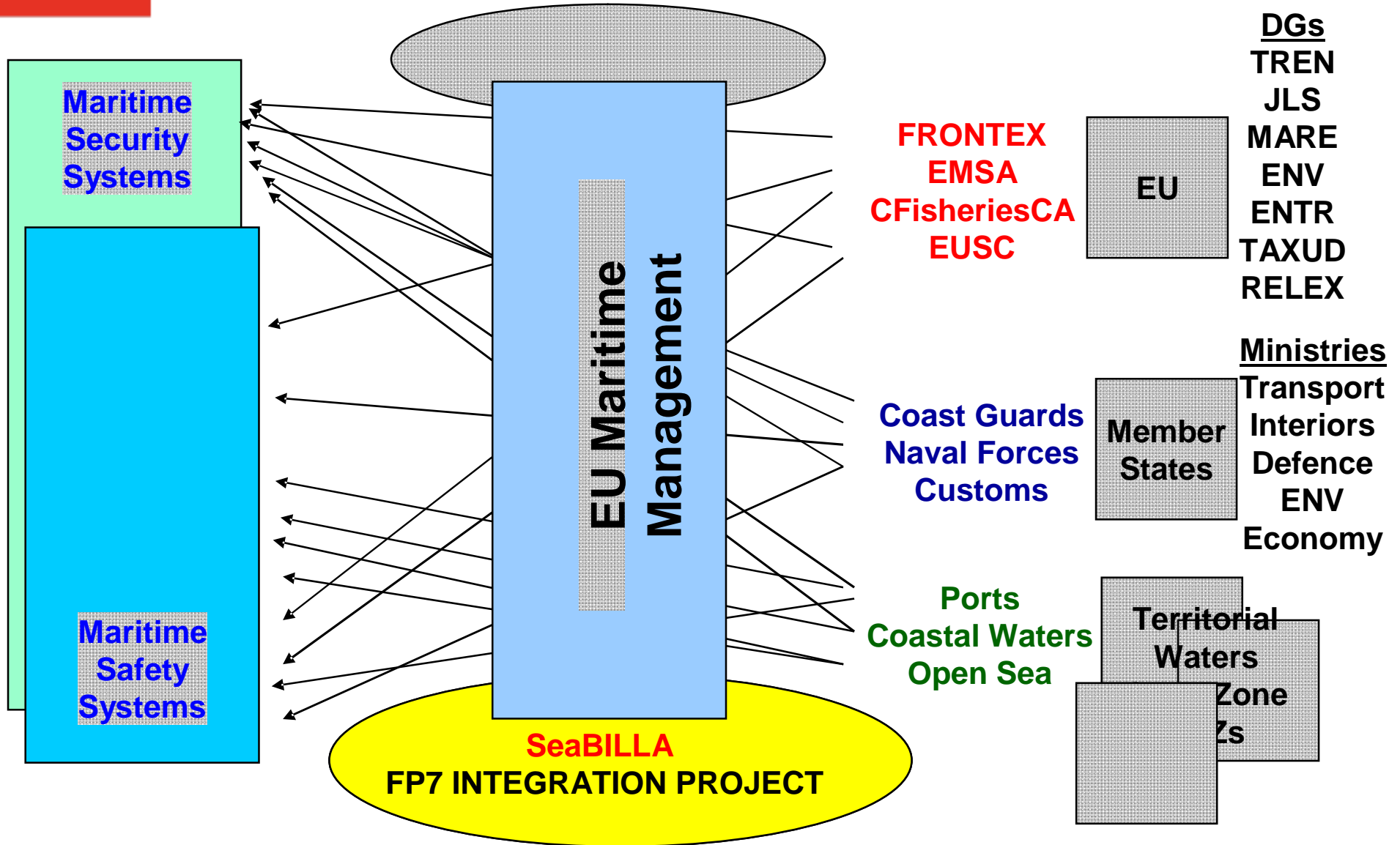


**Piracy,
Trafficking, Smuggling,
Harbour protection,
Natural disasters,
All surveillance missions...**

SeaBILLA - Integrated Net-Centric approach to Blue Border Control



FP7 Research Projects - Addressing the needs

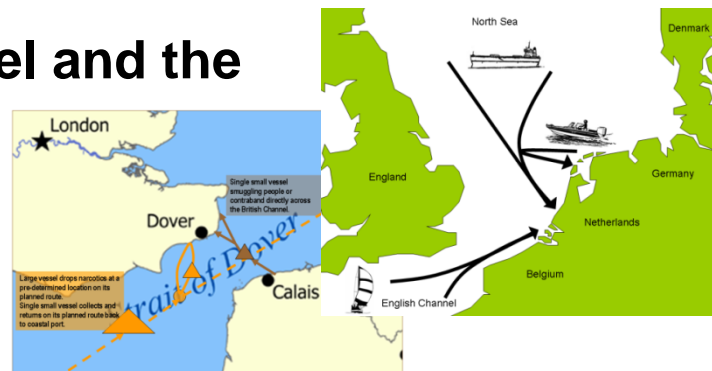


SeaBILLA An Operational driven project

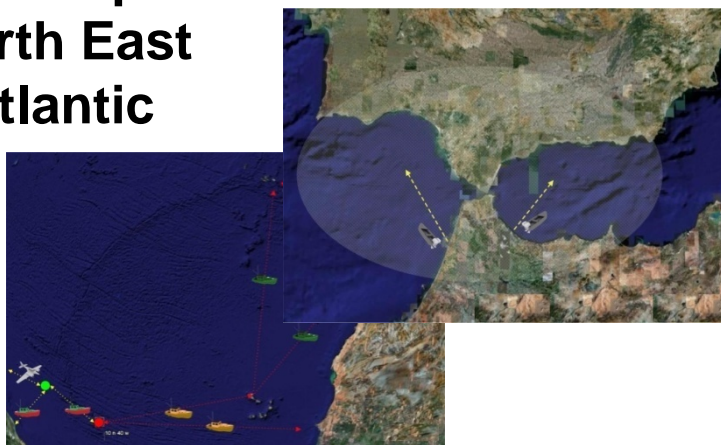


The project will address operational requirements in real life scenarios selected by End Users

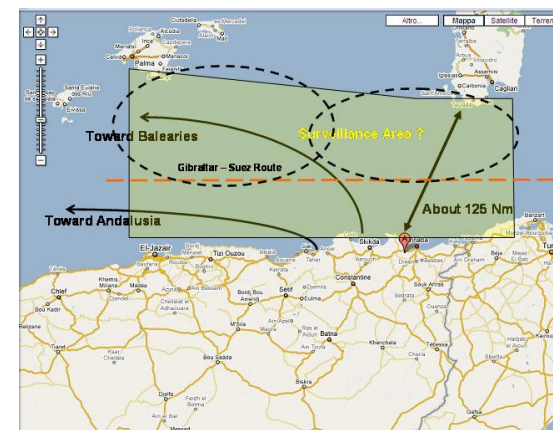
English Channel and the North Sea



Canary Islands and European North East Atlantic



Sardinia Channel



SeaBILLA Scope of the project

SURVEILLANCE: SENSORS IMPROVEMENTS AND FUSION

TARGETS

Oil Tanker



Immigrant boat



Fishing boat



Rib



PATROL (Radar + IR + VISIBLE + Spot-light SAR)



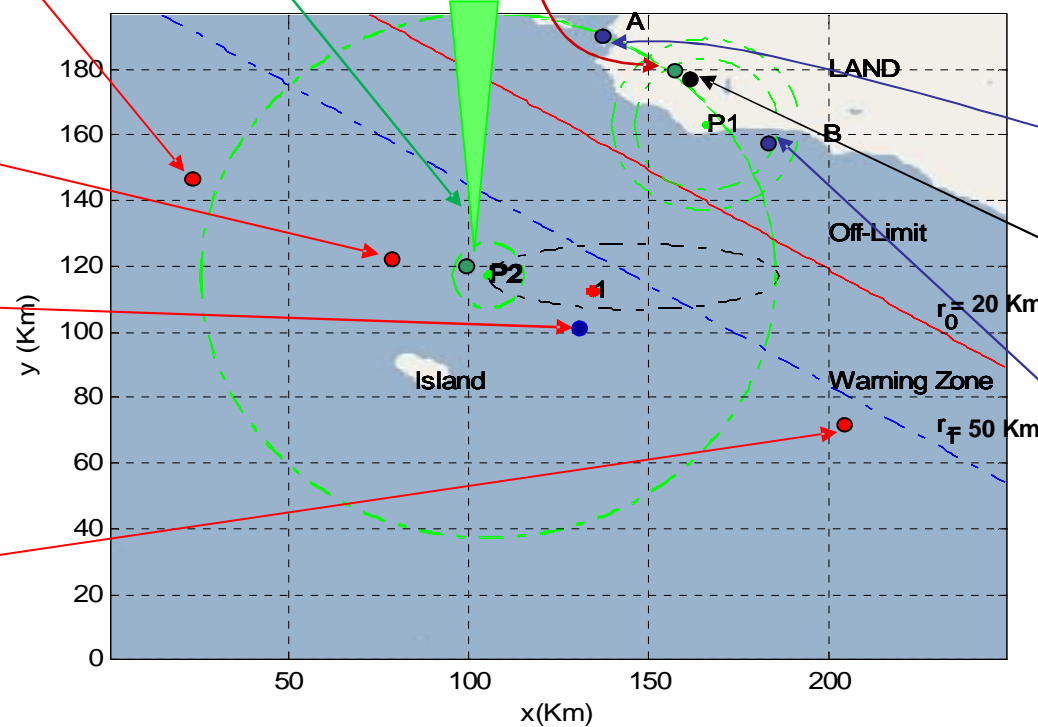
UAS



Active / Passive Radar + IR + AIS



SAR



RESOURCES

Helicopter



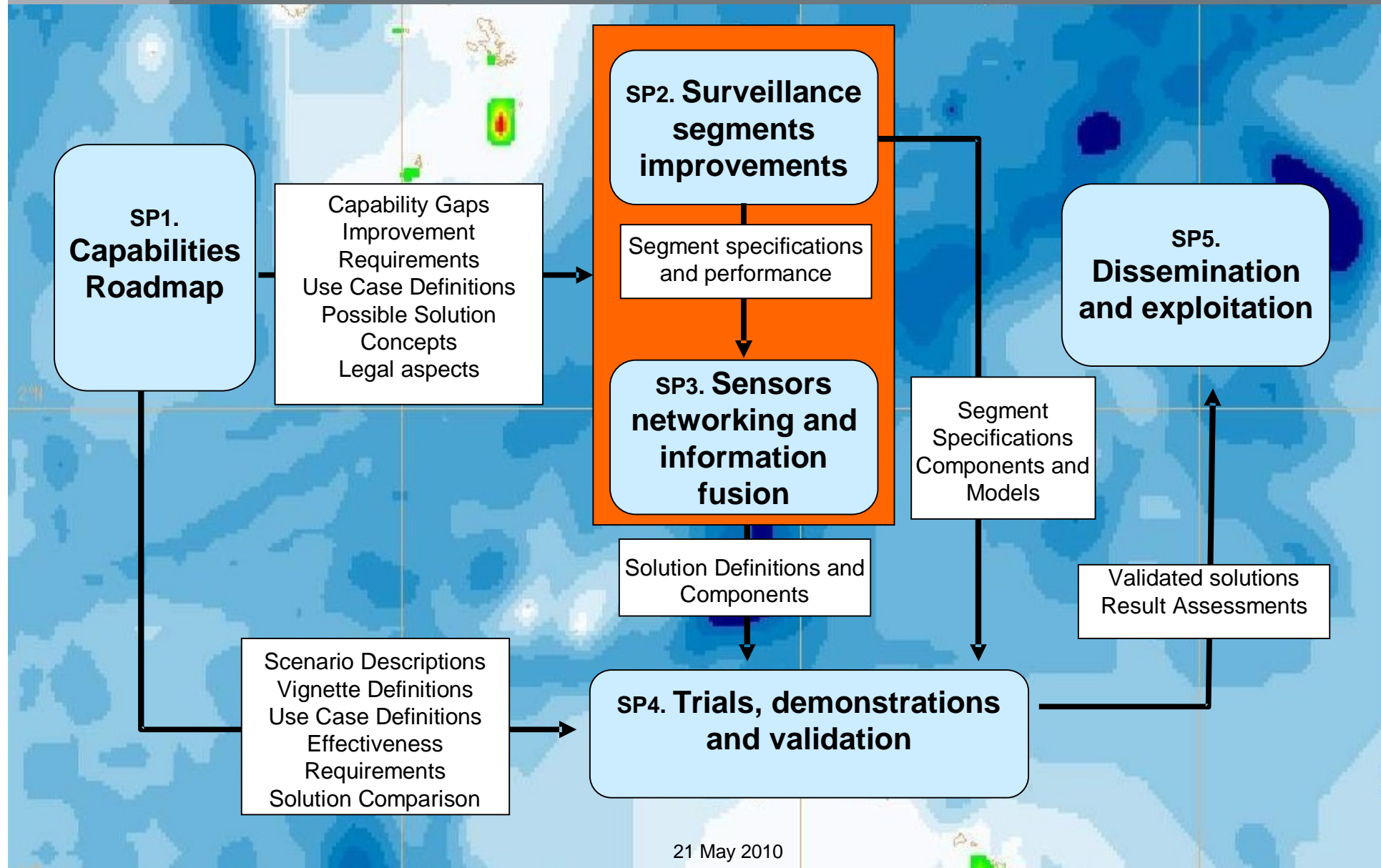
Patrol boat



Comms



SeaBILLA Project : the Workflow



SeaBILLA Project : a European Consortium

CTY	TEAM MEMBER	TYPE
IT	<u>SELEX SISTEMI INTEGRATI</u>	INDUSTRIES
IT	ALENIA AERONAUTICA	
UK	BAE SYSTEMS	
FR	EADS DEFENCE & SECURITY	
ES	EUROCOPTER ESPANA	
PT	EDISOFT	
ES	INDRA ESPACIO	
ES	INDRA SISTEMAS	
FR	SAGEM DEFENCE SECURITE	
FR	THALES ALENIA SPACE FRANCE	
IT	THALES ALENIA SPACE ITALY	
GE	THALES DEFENCE DEUTSCHLAND	
IT	TELESPAZIO	
FR	THALES SYSTEMES AEROPORTES	

CTY	TEAM MEMBER	TYPE
SW	FOI	RESEARCH CENTRES
EU	JOINT RESEARCH CENTER	
NL	TNO	
IL	CORRELATION SYSTEMS	SMALL – MEDIUM ENTERPRISES
NL	HITT	
FR	MONDECA	
BE	SPACE APPLICATIONS SERVICES	
ES	TTI NORTE	
IT	CNIT	ACADEMIC
UK	UNIVERSITY COLLEGE OF LONDON	
ES	UNIVERSIDAD DE MURCIA	
UK	UNIVERSITY OF PORTSMOUTH	

SeaBILLA User Advisory Group

The **End Users** who collaborated during the proposal preparation phase and form today the reference **User Advisory Group of SeaBILLA**, are:

- **Maritime Analysis and Operations Centre (Narcotics)**
- **Dirección General de la Policía y de la Guardia Civil (ES)**
- **Préfecture Maritime de l'Atlantique – Brest (FR)**
- **Préfecture Maritime de la Manche et de la Mer du Nord – Cherbourg (FR)**
- **Préfecture Maritime de la Méditerranée – Toulon (FR)**
- **Marine Nationale - French Navy (FR)**
- **Guardia di Finanza (IT)**
- **Royal Netherlands Marechaussee (NL)**
- **Kent Police (UK)**

Pursuing coordination with existing systems and other R&D projects/initiatives, more End Users and relevant EU and MS organisations will be invited to join the **SeaBILLA User Advisory Group**, including, in particular, the **BLUEMASSMED** and **MARSUNO** communities, **FRONTEX**, **DG MARE**, **EMSA**, **EDA**

SeaBILLA. The benefits

SeaBILLA will provide a significant and visible step forward in terms of **benchmarking Sea Border Surveillance Integration solutions.**

SeaBILLA will provide **tangible demonstration of the benefits that can be derived** from sensors and information sharing in the fight against, for example:

- drug trafficking from a mother ship crossing the English Channel and North Sea
- the illegal immigration on small boats in the South Mediterranean,
- the illegal immigration and drug trafficking activities involving vessels of all sizes in the the Atlantic waters,

This is expected to facilitate future, unprecedented information sharing and cooperation among the Members States represented in SeaBILLA, such as:

- British, French and Dutch authorities in the English Channel and North Sea
- Italian, French and Spanish authorities in the Mediterranean,
- between MAOC-N, Spanish, Portuguese and French authorities in the Atlantic.

SEABILLA Point of Contact

SEABILLA project coordinator:

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