



Maritime Safety Umbrella Operation

The Role of the MSUO:

Maritime Safety in the Future Transnational Programme (2007-2013)

Maritime Safety Umbrella Operation

*“Co-operating to create,
maintain and implement a
safer maritime environment”*

Richard Hill

Maritime Safety
Co-ordinator



MSUO: The Goal

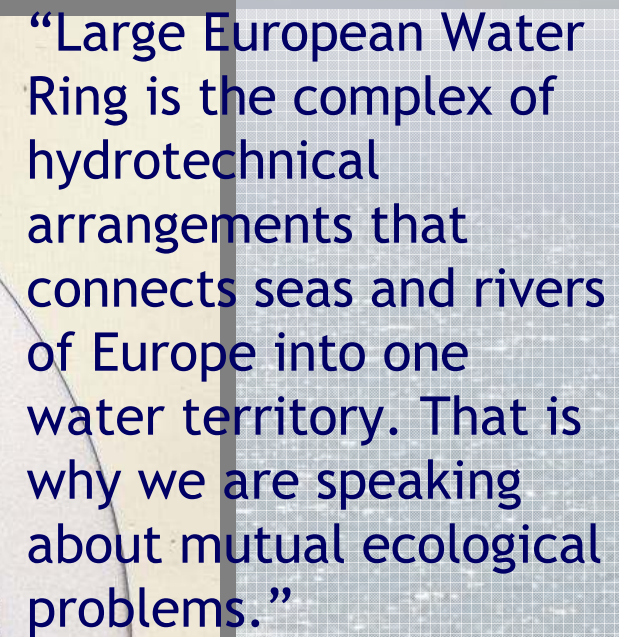
An INTERREG cross programme enhancement that assists Interreg Maritime Safety projects by:

- Providing a European and International Network for co-operation on maritime safety,
- Promoting project outcomes to establish Europe and partners at the forefront of maritime safety activity,
- Increasing project competence in maritime safety by closing gaps in knowledge and encouraging cooperation,
- Assisting programmes to become a collective driving force for maritime safety on the European and international agenda

The background image shows a rugged coastline with dark, jagged rocks. The ocean is a deep blue-grey, with white foam from breaking waves visible. The sky is a pale, overcast blue. The entire image is covered with a fine, light-grey grid pattern.

Background





“CRIMACE” center
Black Sea



Safety @Sea (NS)

NMC & NMCII

Save the North Sea

POWER

Forum Skagerrak

EMDI

Cycleau

COREPOINT

SAIL

FINESSE

MAYA II

MESH

DELTA

Safety @ Sea (NP)

Eurobaltic

Baltic MaSTER

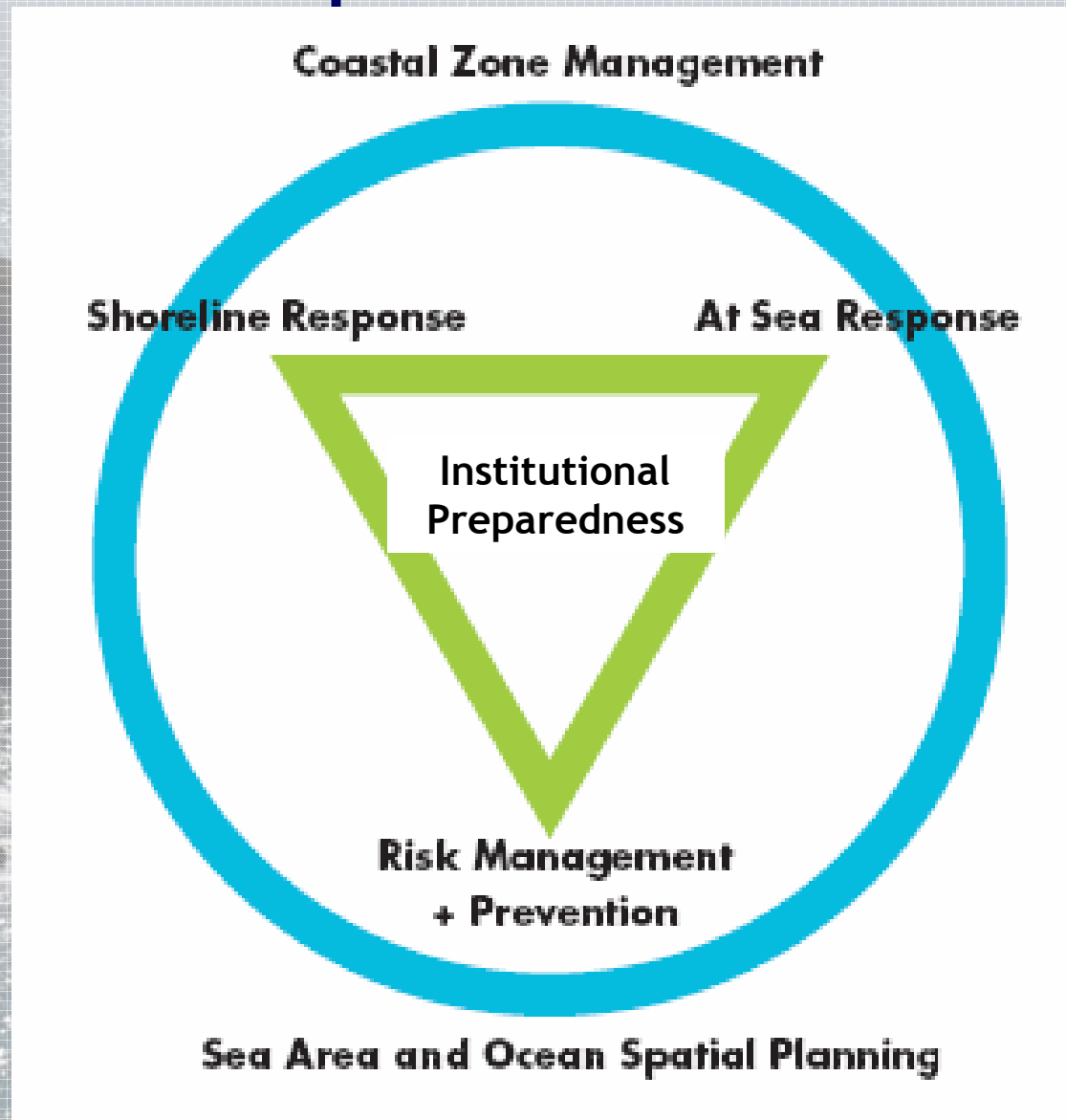
COASTMAN

BALANCE

ASTRA

InterBaltic

Umbrella Topics



Umbrella Outcomes

- **Communication of Information**
 - between projects
 - national, European and international level
- **Project to Project Cooperation**
 - Prevention
 - Preparedness and Response
 - Integration
- **Project Development**

Project to Project Cooperation (PPC)

- **Passenger Vessel Safety**
- Available Maritime Data
- **Risk Assessment and Acceptance**
- Information Technology (modelling, monitoring and GIS)
- AIS best practice
- Impact of Small Oil Spills
- Communication of Information
- Themed Seminars
 - Refuge Areas
 - At Sea & Onshore Response
 - Involving Stakeholders and Decision-makers
- Training
- Protection Measures for Motorways of the Sea
- Informing EU Maritime Policy

PPC2c: Passenger Vessel Safety

Objectives:

1. Exchange information
2. Exercise/ simulation best practice
3. Raise awareness/ promote participation

Outputs:

- Desk study of best practice
- Project meetings to exchange information
- Seminar and associated exercise
- Leaflet and webpage



PPC1a: Risk Assessment & Acceptance

Objectives:

1. Common methodologies to assess risk
2. Common protocol for acceptable risk
3. Potential for project development

Outputs:

- Report on risk assessment and acceptance
- Link methodologies to MSUO guide and website
- Goal and objectives for future project & potential partners



MSUO Seminars

- **Best Practice in Local Contingency Plans**
 - 16th December 2005, Southampton UK
- **Best Practice for Identifying Refuge Areas**
 - to be announced (Spring 2006)
- **Four Seminars and One Conference in 2006**

Current Activity (2005-2006)

- **Implement Communications Strategy (Now)**
- **Implement Project to Project Cooperation (May 05 – December 06)**
- **Advise future Programme and Maritime Policy Green Paper**
- **Help and advise project proposal development (2006)**



The Future!

Project Development

2007-13

**Maritime Coastal Areas
&
Motorways of the Sea
Hypothetical Model**

Linkages to Future Transnational Funding?

Transnational/ Cross-Border (2007-13)

Integrated territorial development:

- Strategic level
- Water and coastal management;
- Improving accessibility, advanced communications and information technologies;
- Risk prevention, incl. maritime safety;
- Encouraged bilateral maritime co-operation (distance above 150 km) on a wider range of topics

Proposals: Funding Projects:

- Current Maritime Projects:
Average Euro 4-8 Million
- EU Budget? & Regulations
- 50%- 75% ERDF Funding
- 20% Transprogramme
- 10% Outside EU

Maritime Safety Transnational Project: MSTP

Motorways of the Sea

Northern Periphery

Russian Federation
Partners?

North Sea

Baltic

Other Interreg Partners:

NW Europe

Central/Eastern Europe
-CADSES

Carribean

Azores Mederia Canarias

Indian Ocean

Atlantic

Black Sea
Partners?

Southern Europe

SW Europe

W. Mediterranean

Alpine Space

N.Africa
Partners?

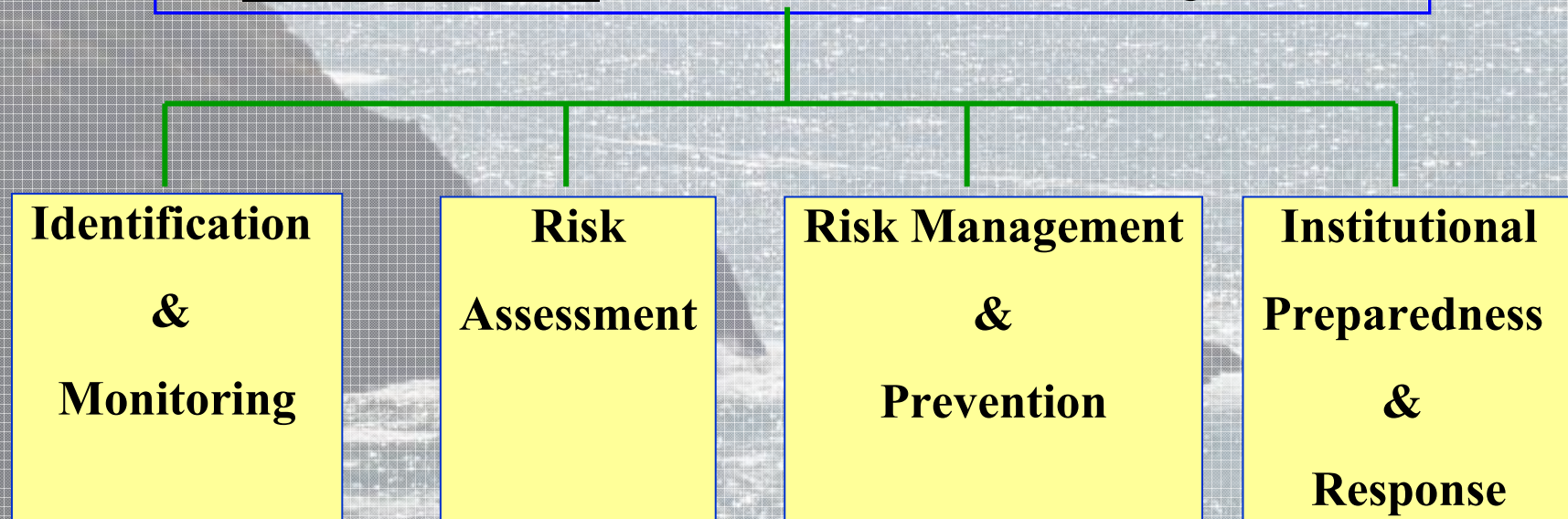
Near East
Partners?



Potential Maritime Safety Projects (MSUO View!)

Transnational Programme (2007-2013)

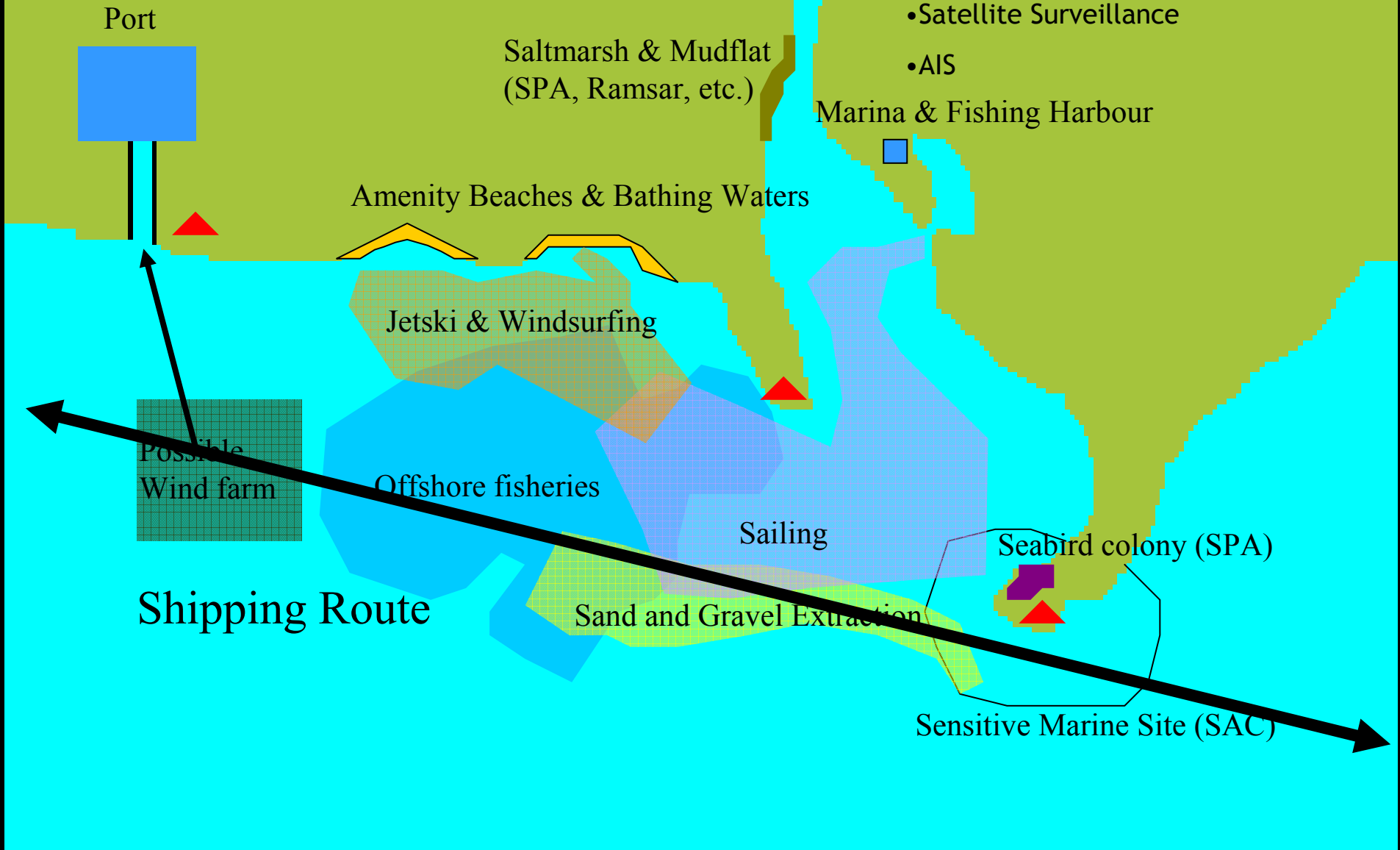
Risk Prevention, ICZM, IT and Water Management



Identification & Monitoring of Resources & Activities

Methods:

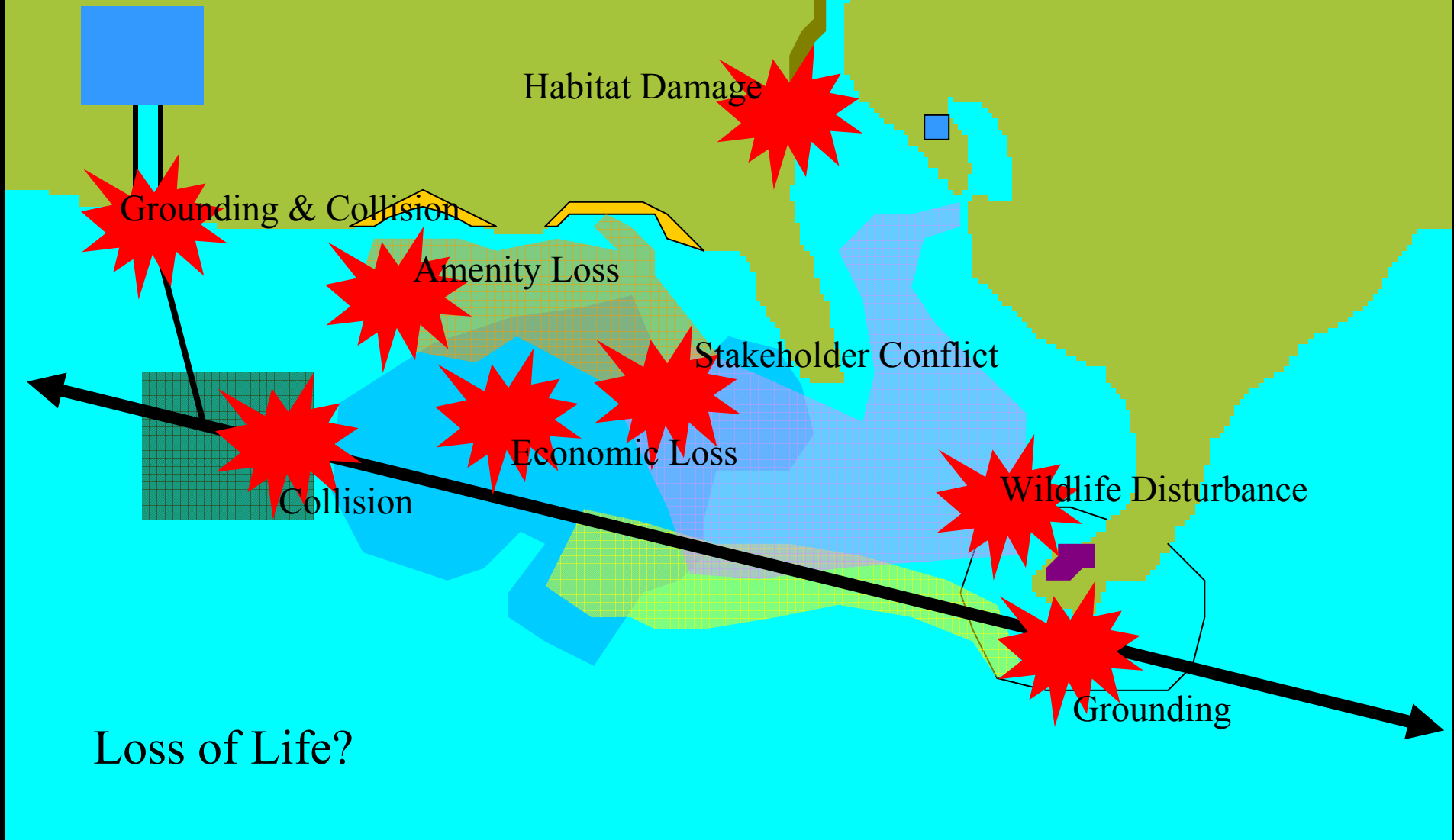
- Mapping- linked to GIS/databases
- Aerial Surveillance
- Satellite Surveillance
- AIS



Risk Assessment

Specific Issues:

- Traffic levels/predicted increase
- Cargo type pollution/safety risks: REBCO, VHFO, Chemicals, harmful, etc.
- Operation Risks: port operations, navigation, STS, etc.
- Seasonality (fishing / recreation activity)
- Databases e.g. navigational hazards, wrecks, lost cargo, 'mystery spills', etc.



Risk Management & Prevention

Link to other methods:

- Training & Education
- Marine/ Sea area planning
- Integrated Coastal Zone Management
- Environmental Impact Assessment

Spatial and temporal zoning

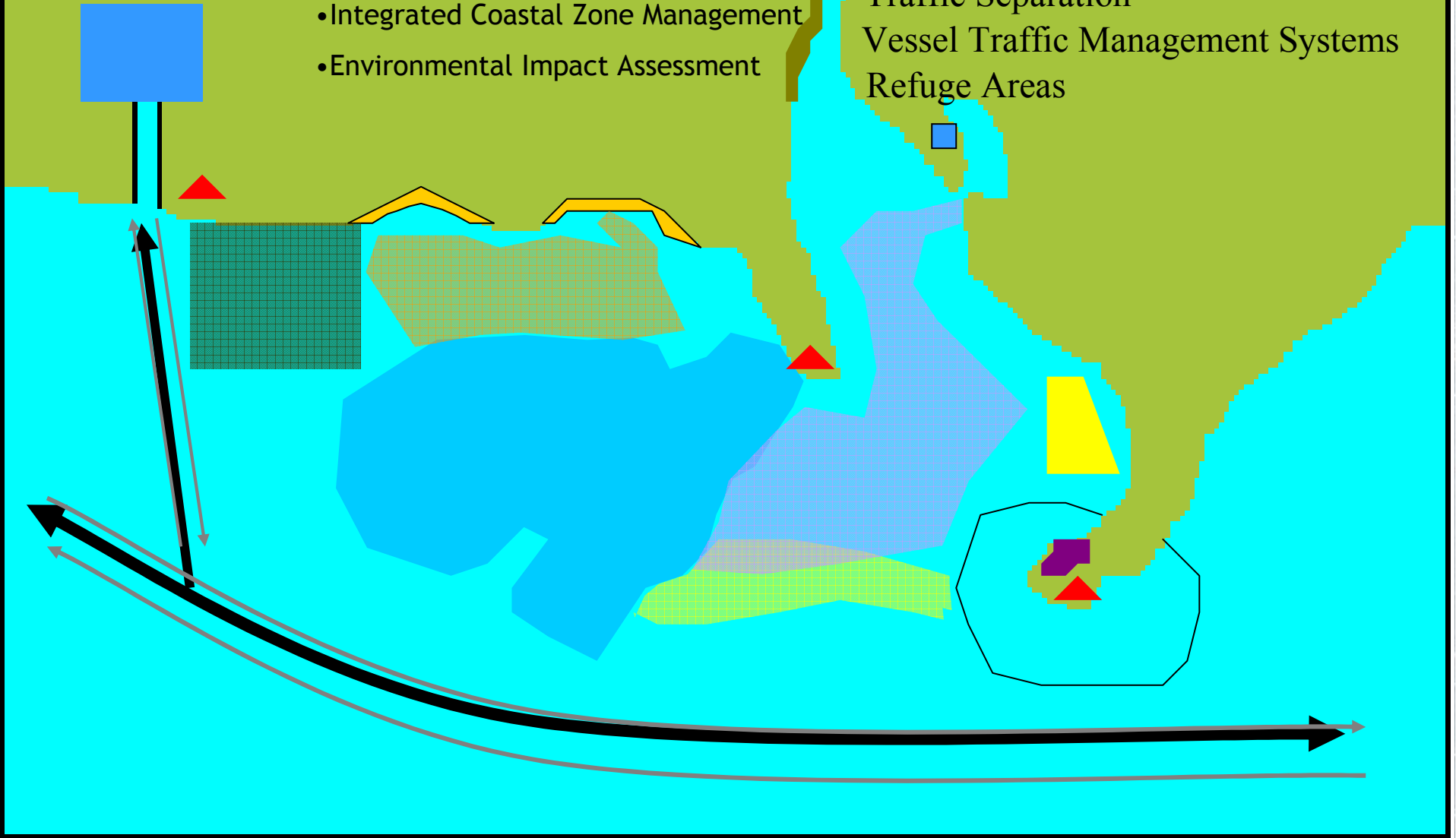
Relocation

Rerouting

Traffic Separation

Vessel Traffic Management Systems

Refuge Areas



Institutional Preparedness & Response

Link to other methods:

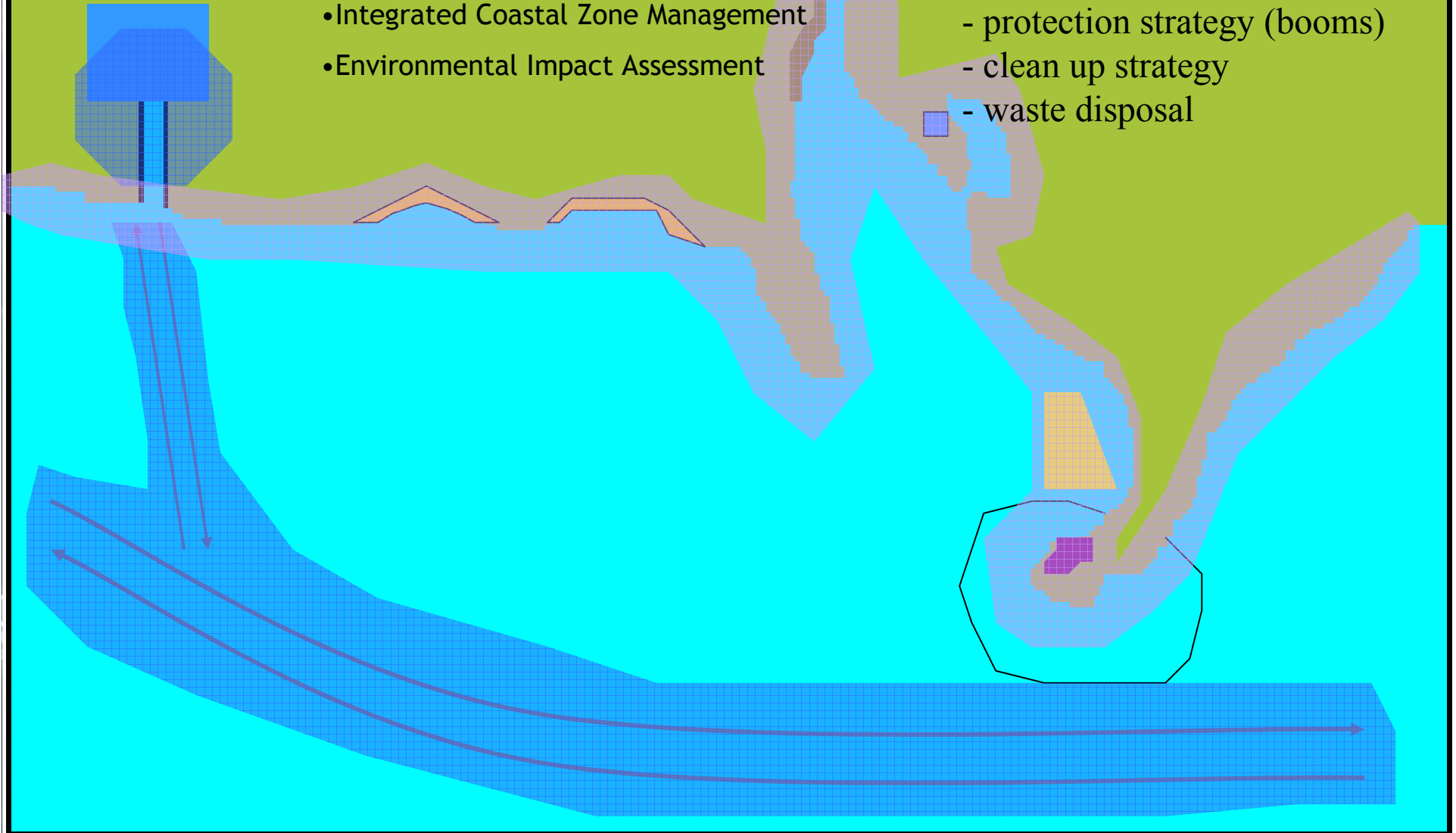
- Training & Education
- Marine/ Sea area planning
- Integrated Coastal Zone Management
- Environmental Impact Assessment

At Sea Response & SAR Plans

Port Oil Spill Preparedness

Shoreline Response Plans incl:

- habitat/ sensitivity mapping
- priorities
- protection strategy (booms)
- clean up strategy
- waste disposal



Safety of Navigation Projects: Topics

- Inventory of Regulations & Obligations
 - SOLAS, ISM Code, MARPOL, EU Directives, etc.
- Analysis of existing systems
 - AIS, VTMS, SAR
- Implementation advise and guidelines
- Risk Assessment Studies
 - traffic flows, oil & harmful substance cargo movements, etc.
- Risk Monitoring & Prevention Infrastructure
 - Equipment & Installation (AIS, VTMS, GIS, etc.)
- Risk Prevention Education and Training (Linked to above)
- Communication and dissemination
 - datalinks, websites, seminars, publications, joint co-operation with other projects (MSUO)

Future Project Requirements

- **“Strategy”**: High level projects which deliver maritime safety improvements
- **“Eligibility”** Ensure Interreg projects meet eligibility criteria of Programmes (development and operational phases);
- **“Compatibility”** Use IMO, European and national sources (conventions, directives, legislation, regulations and guidance), as “starting point” to ensure compatibility of project with existing maritime governance (<http://www.imo.org/home.asp>)
- **“Responsibility”** ensure Regional Organisations and “Competent National Authorities”, European Authorities (e.g. OSPAR, HELCOM, Bonn, MARPOL 73/78, OPRC 90, EMSA) are involved and / or kept informed

Future Role of MSUO (2007-13)

1. **Assist Project Development** to ensure “Strategy”, “Eligibility”, “Compatibility” and “Responsibility”
2. **Develop New PPCs** in cooperation with projects to provide and disseminate information between projects & close gaps in knowledge
3. **Disseminate outcomes** International and European levels (IMO, OSPAR, Bonn, HELCOM, EMSA, etc.)

Conclusion

- **Use MSUO to**
 - disseminate and request information
 - promote your project at Programme, European and International level
 - develop new projects for the future (2007-2013)
 - ensure Strategy, Eligibility, Compatibility and Responsibility
- **Link Existing & Proposed Projects to new Programme:**
 - Risk Assessment/Prevention (Maritime Safety);
 - Coastal Zone Management
 - Marine Area Planning/ Development? (EU marine policy)
- **Evolve your partnership from Interreg IIIB +A to new Programme (2007-2013)= Maritime Transnational Projects(?)**

Contact

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