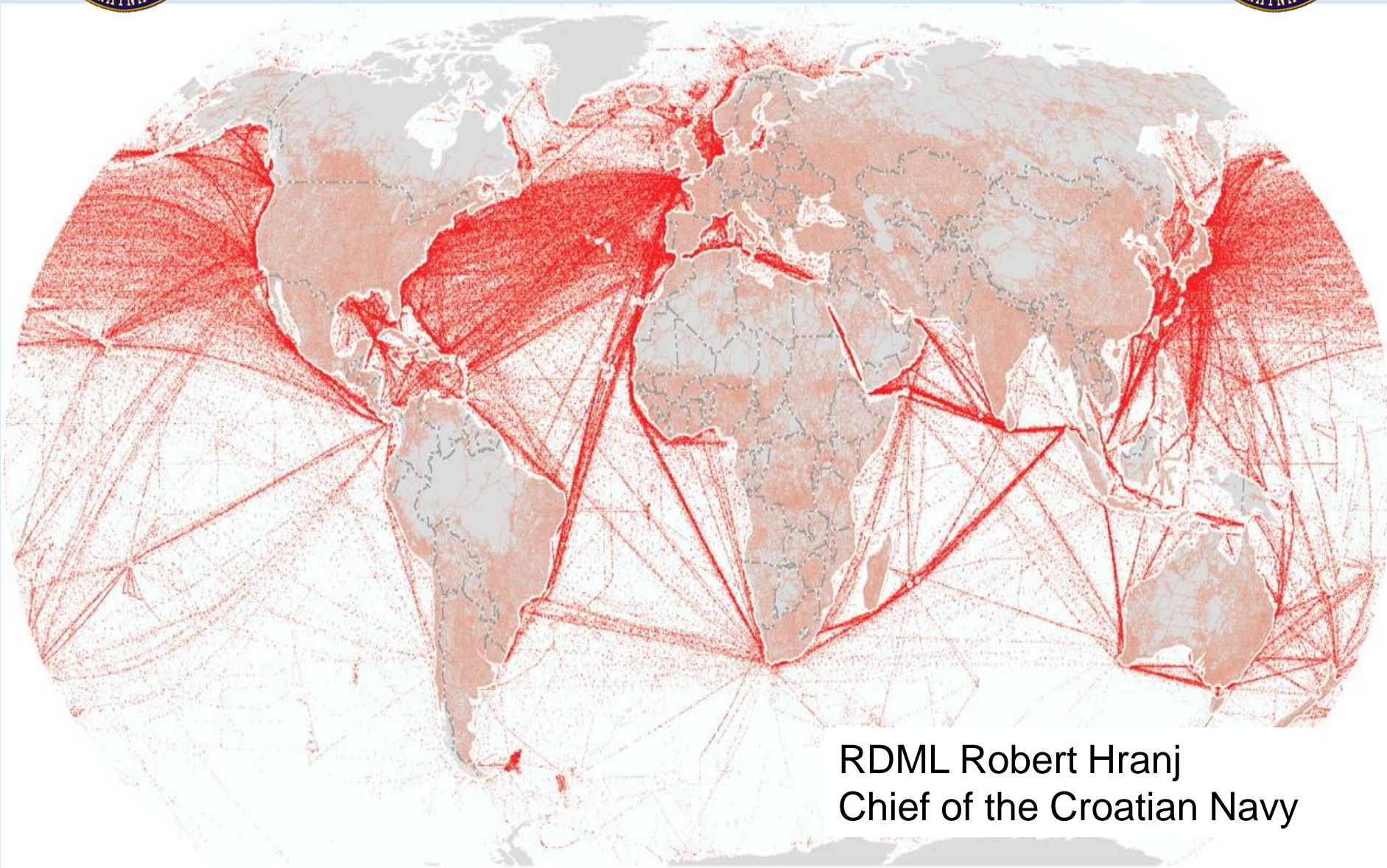




Croatian Navy

In a New Maritime Environment



RDML Robert Hranj
Chief of the Croatian Navy

New Security Paradigm

New threats

New missions and tasks for navies

New naval concept

New doctrine, organization, training



New Maritime environment

- Complex
- Interdependent
- Civil-military
- Unpredictable
- Globalization

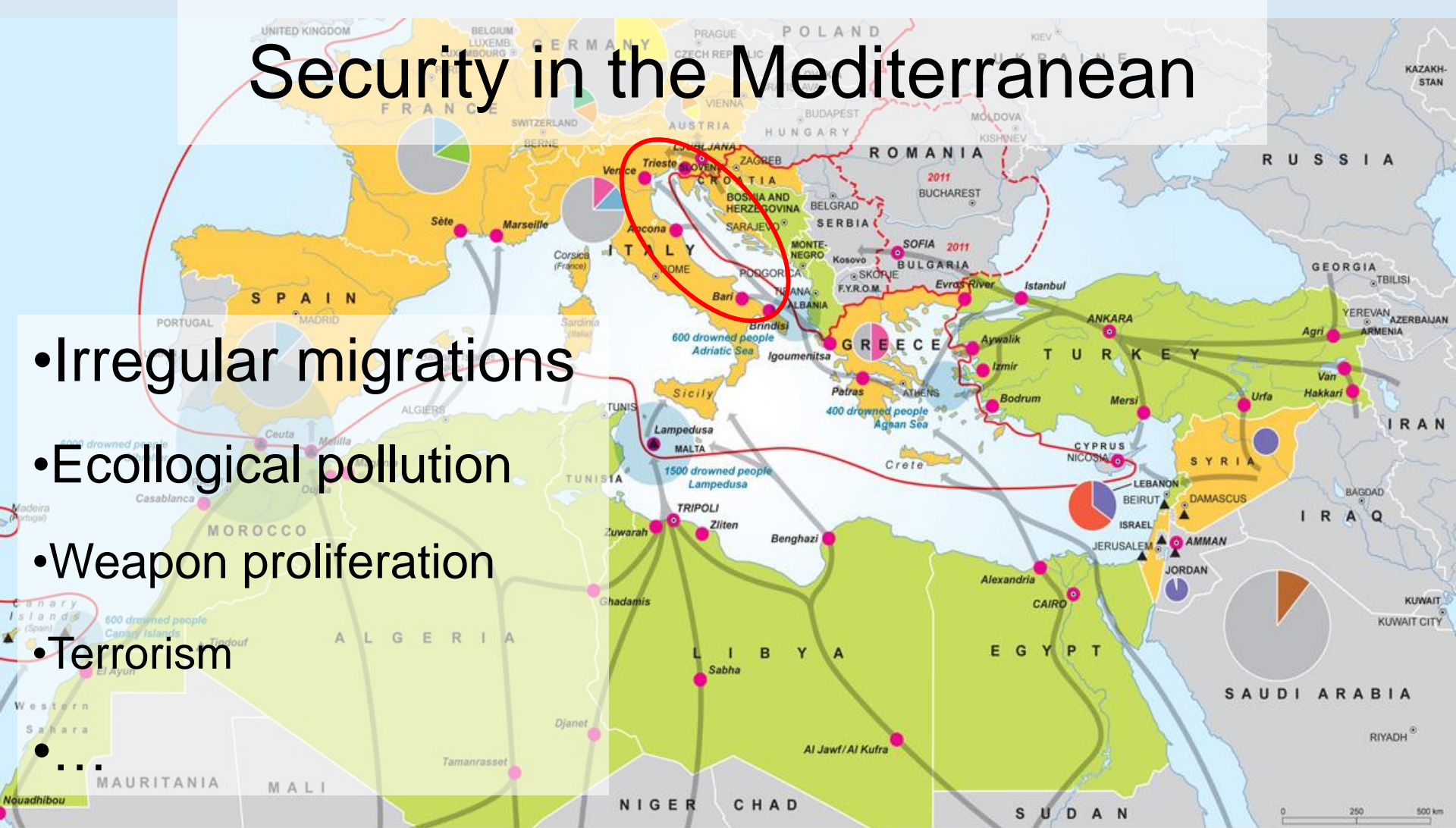
New
approach

- New Strategy, doctrine
- New structures
- Different training...
- Cooperation



Security in the Mediterranean

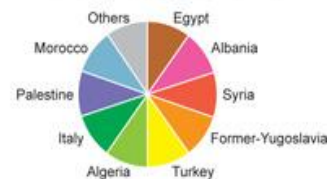
- Irregular migrations
- Ecological pollution
- Weapon proliferation
- Terrorism



Environment and Security in the Mediterranean: Migration

- Emigration country
- Immigration country
- Main migration routes
- Refugee camp
- Migration hub
- Schengen area (associated with EU except United Kingdom and Ireland; plus Iceland, Norway and Switzerland)

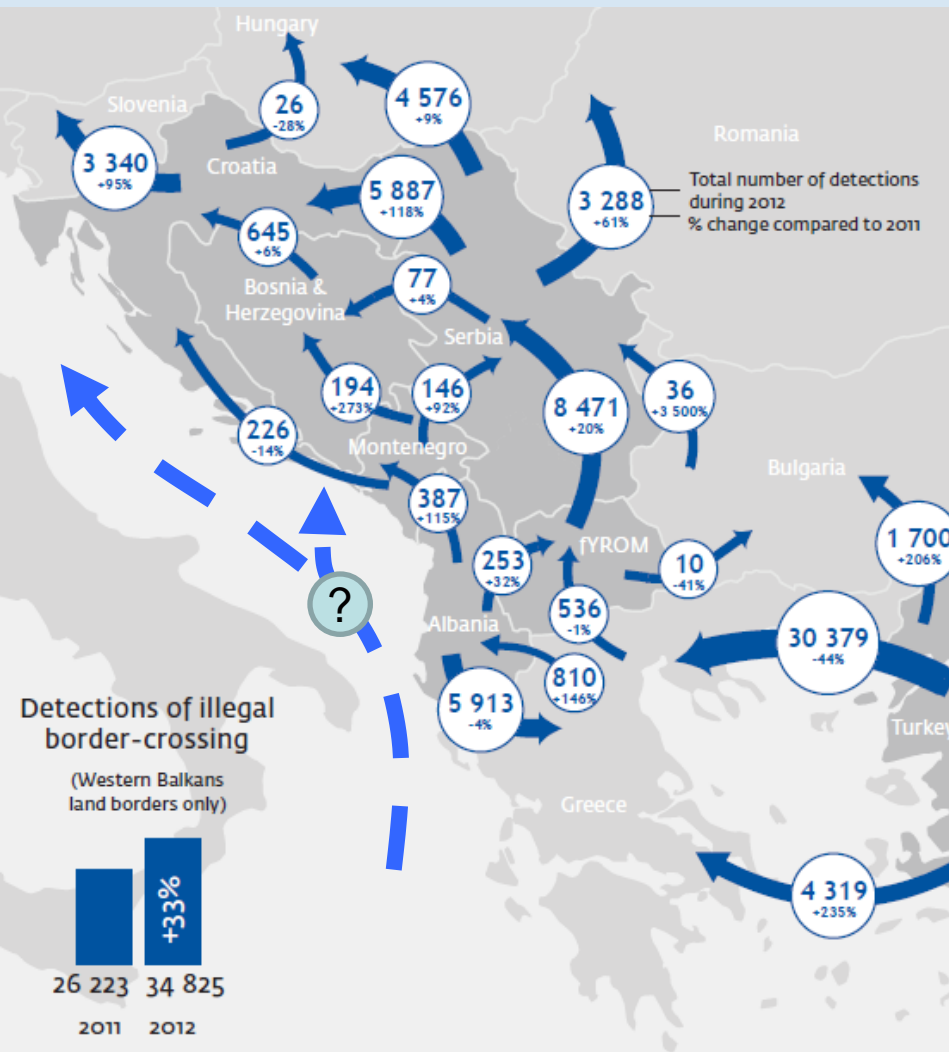
Citizenship of foreign population (> 10%)



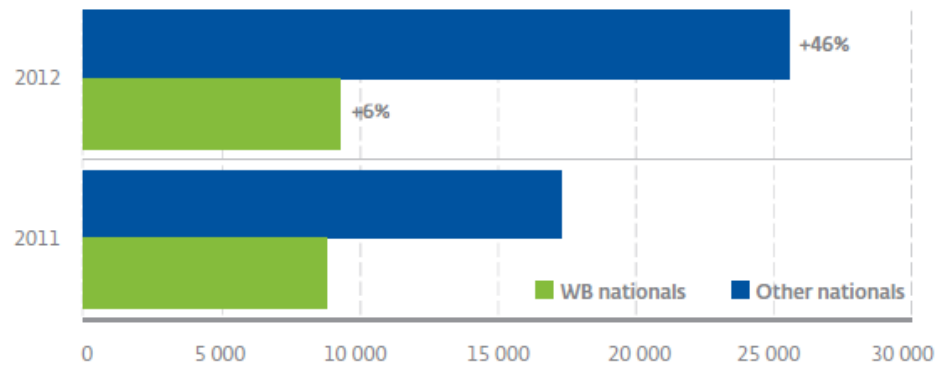
Total of foreign population



Croatian environment and security challenges



Irregular migrations from the Western Balkan in the EU



Croatian Navy's Area of Responsibility

Sovereignty: 31.757 km²

Sovereign Rights: 25.207 km²

Sea Border: 948 km

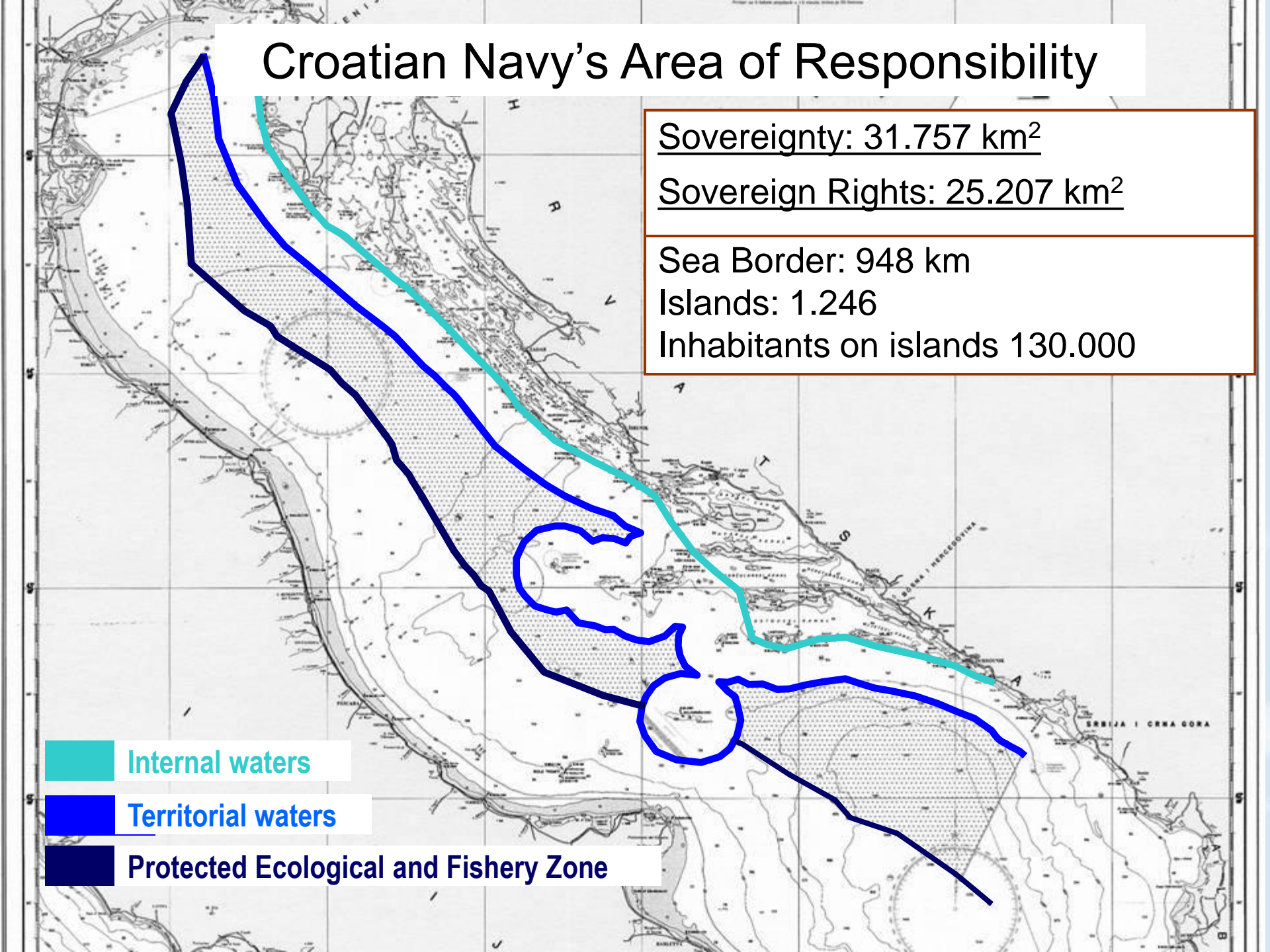
Islands: 1.246

Inhabitants on islands 130.000

Internal waters

Territorial waters

Protected Ecological and Fishery Zone



New missions and tasks for the Navy

Mission	Tasks
Defense and Deterrence	<div>Territorial Integrity</div> <div>Collective defense</div> <div>Readiness</div> <div>Sea and Air Space Sovereignty</div>
International Security	<div>Peace Support Operations</div> <div>Defense Diplomacy</div> <div>Arms Control and Non-proliferation</div>
Support to Civil Institutions	<div>Crisis Response Operations</div> <div>Search and Rescue</div> <div>Support to Law Enforcement</div>

New naval concept and doctrine

Command of
the Sea

Sea
Control

Sea
Denial

Fleet in
Being



Capabilities to keep

- Anti-surface warfare
- Mine warfare
- Mine-clearing Warfare
- Anti-submarine Warfare
- Sea surveillance

Coalitions/combined

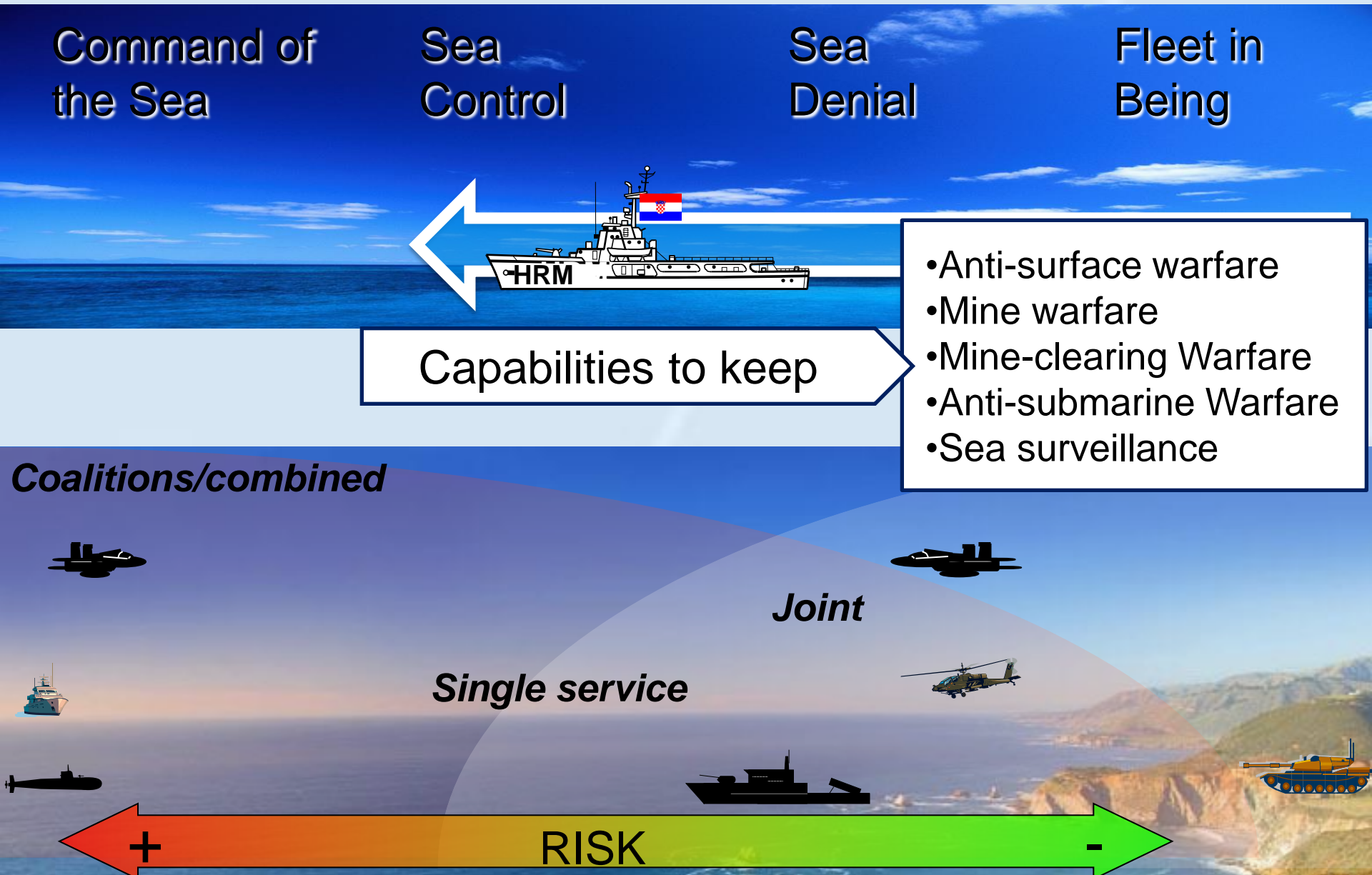
Single service

Joint

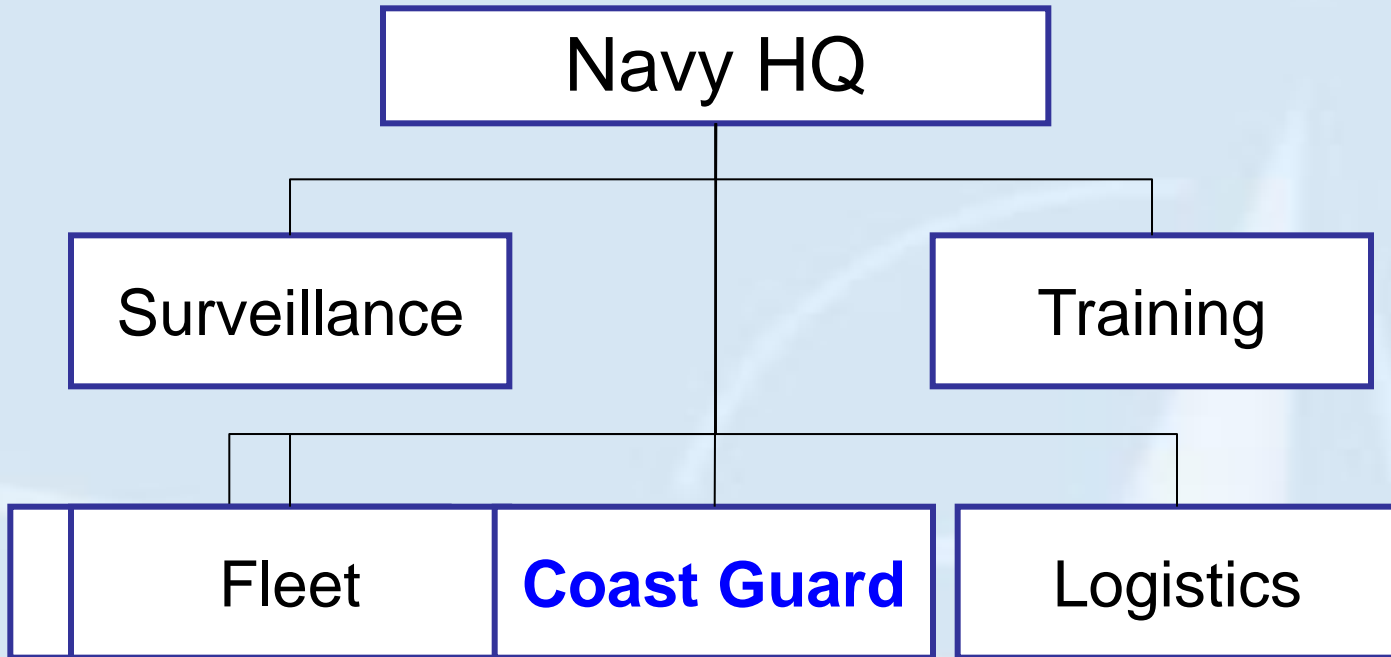
RISK

+

-

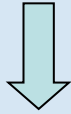


New organization



New training

- New tasks and requirements



- New skills:

- Civil-military interaction
- Law enforcement
- Inspection duties,...



- Different training curricula

- Cooperation with civilian education institutions



Croatian Navy: where do we stand?

- 1: Major Global Force Projection Navy-complete**
- 2: Major Global Force Projection Navy-partial**
- 3: Medium Global Force Projection Navy**
- 4: Medium Regional Force Projection Navy**
- 5. Adjacent Force Projection Navy**
- 6. Off-shore Territorial Defense Navy**
- 7. In-shore Territorial Defense Navy**
- 8. Constabulary Navy**
- 9. Token Navy**

Our limitations:

- Area Air Defense
- Anti-submarine
- Counter-Mine
- Air Support
- Fire support to Coast
- Electronic Warfare



Croatian Navy: where do we stand?



Coast Guard Concept

Why Coast Guard:

- Complexity of new threats
- Requirements of new integrations
- Better use of scarce resources

Basis:

- International & National Laws
- National Interests & Humanitarian Needs

Missions and Tasks:

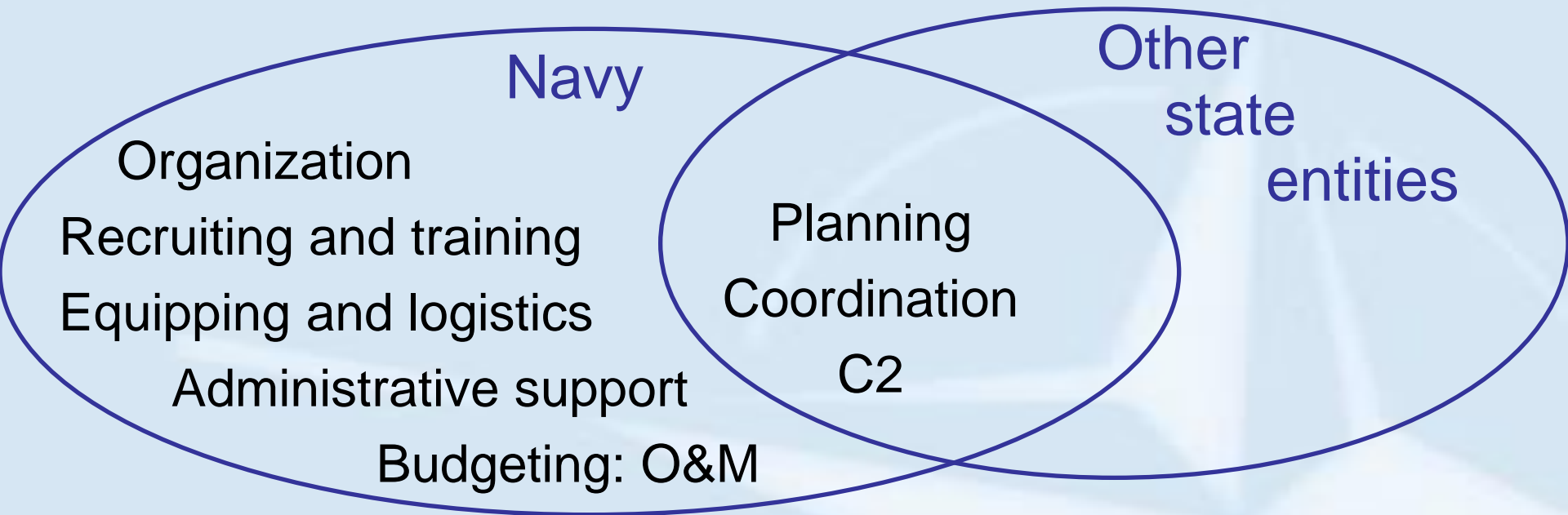
- Safety of Navigation, SAR
- Environment & Resource protection
- Counter illegal activities (contraband, WMD, illegal migrants,...)
- Counter-terrorism, counter-piracy



Coast Guard Concept

Coast Guard:

- as a function: responsibility of several state institutions
- as an organization: part of the Navy



PRIMARY ROLE

High Seas

ZERP/EEZ

SUPPORTING ROLE

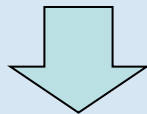
Territorial Waters

Internal Waters

Coast Guard Concept

Central Coordination

- Ministries of defense, maritime, interior, fishery, ecology, economy, finance, foreign affairs, culture, justice
- chairman of Protection and Rescue Directorate, Inspector General, Chief of Police
- CHOD, Chief of Navy, Chief of Coast Guard



- Analysis, planning, guidance, advice, coordination

Executive Board

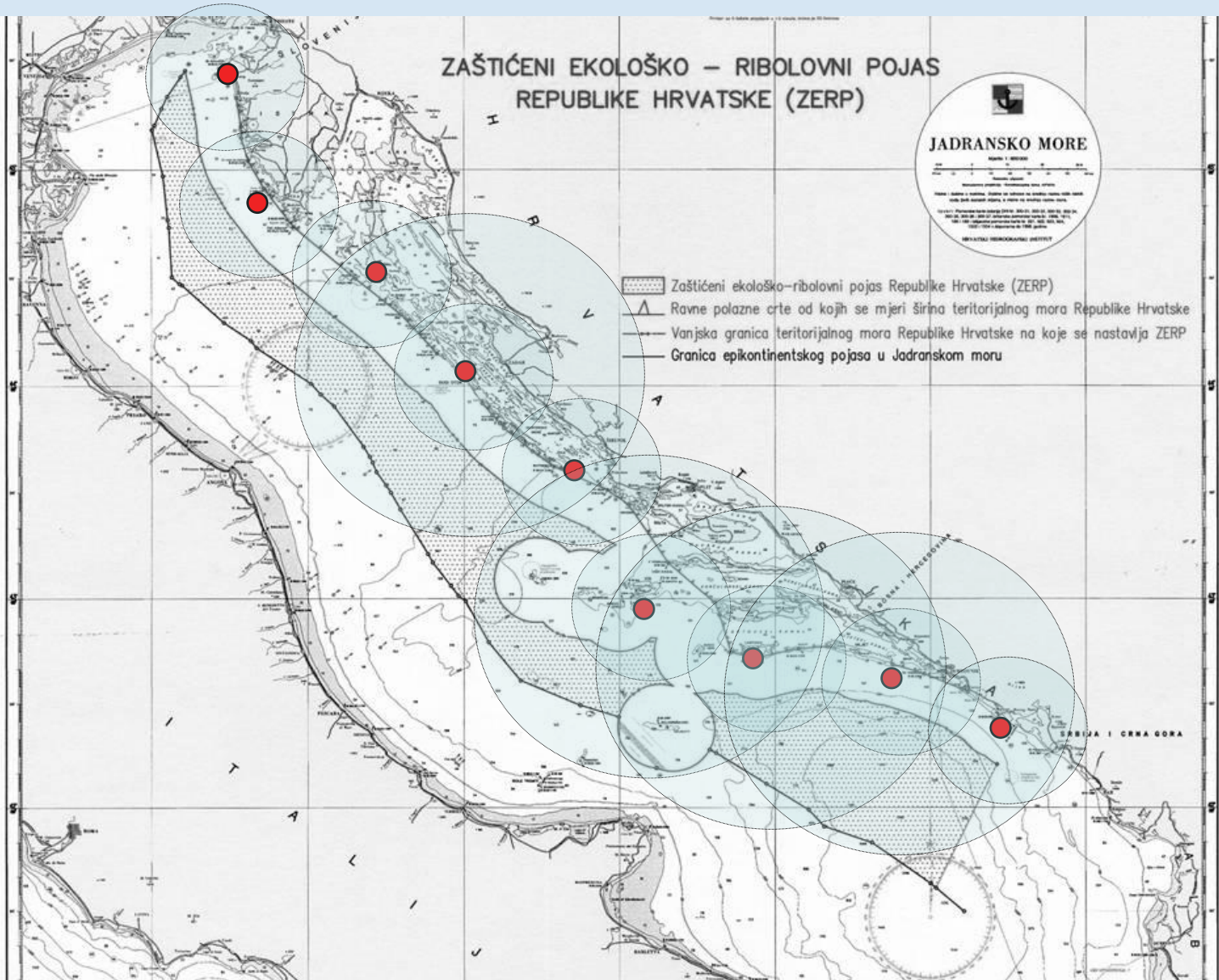
- Chaired by Chief of Coast Guard
- Administrative support by Coast Guard HQ



- Executive agent of CC, monthly coordination, de-confliction, corrective measures, plan development

Maritime Situational Awareness

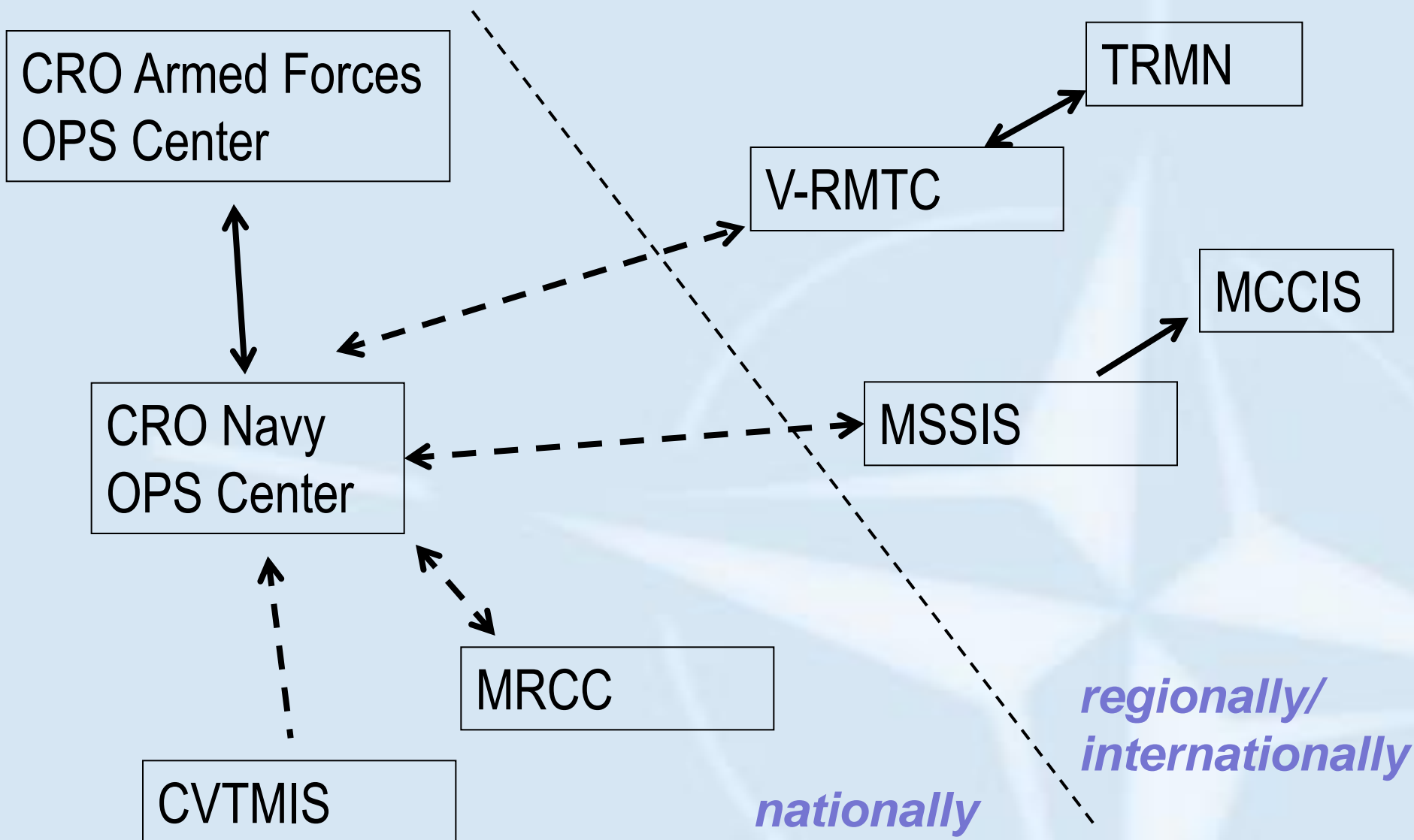
National efforts

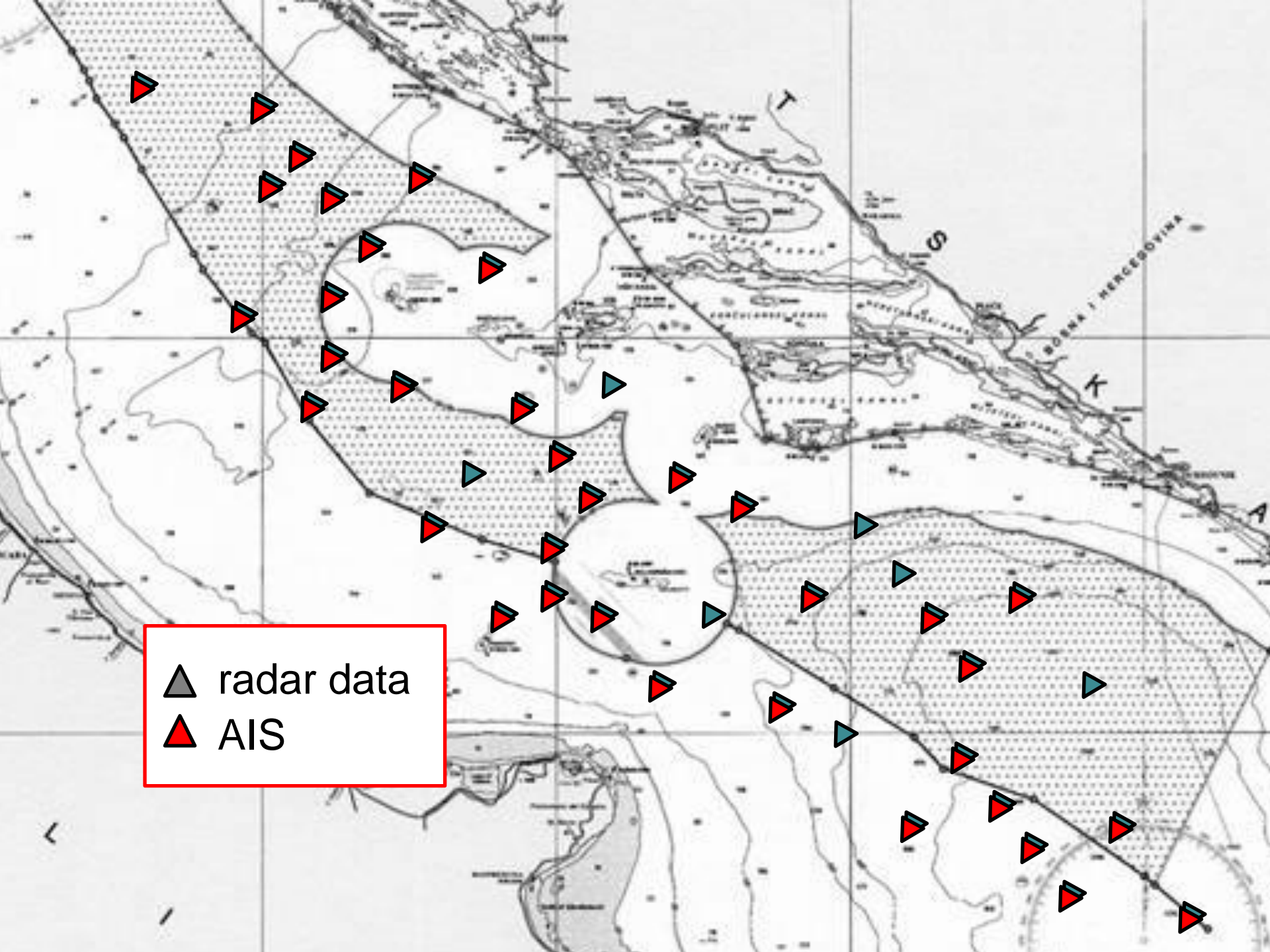


- Radar Networks
- Air patrolling
- Maritime patrolling
- Data exchange

Maritime Situational Awareness

Data exchange



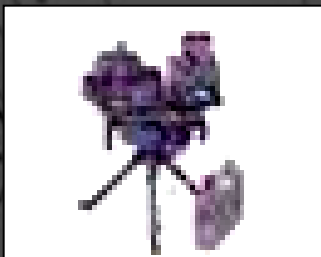


▲ radar data
▲ AIS

"SEVID"



4 x "Enhanced
Peregrine"



Opto-
electronic



9 x "GEM"



Navy ships

AIS Navy

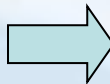
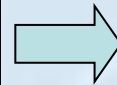
AIS Maritime Affairs

Challenges and opportunities

- Civ-mil nature of future conflicts
- Threats: complex, unpredictable
- NATO and EU: expectations, standards
 - Maritime Security Awareness, common Maritime Recognized Picture
 - Croatian sea border: part of the EU border

+

- Limited resources
- Responsibilities and Expertise distributed across state institutions

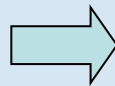


- Different organization, training
- Modernization
- Not “Business as usual”
 - Effectiveness and efficiency
 - Interagency cooperation
 - International cooperation

Way ahead

Strategic Defense Review

- Where we are
- Why to change
- Objectives



Long Term Development Plan

- How to get there
- When (timeline, milestones)

Radar network

Patrol ships

Mine hunters

Anti-ship missiles

Off-shore patrol vessels

2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024

Thanks for your attention!

