

**3RD SEAS-ERA STRATEGIC FORUM
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The Value of SEAS ERA BS-SRA in support of Coordinated Marine Research for Sustainability in The Black Sea Region

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Key outputs of the work package (WP 8: Black Sea)

Task 8.1. Strategic Analysis in the Black Sea
(Task leader: TÜBİTAK)

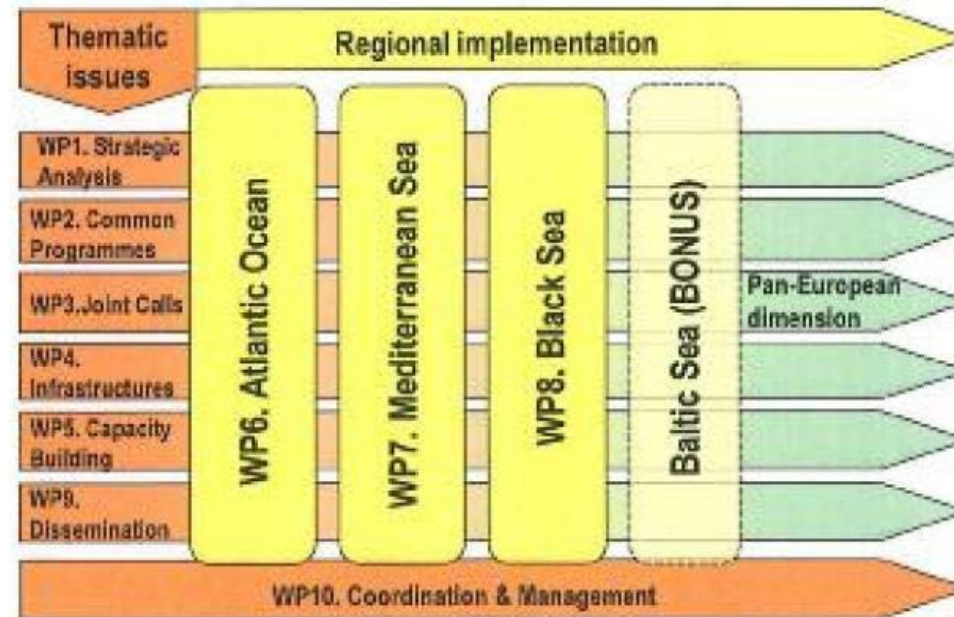
Task 8.2. Drafting a Common Marine Research Program in the Black Sea
(Task leader: UEFISCDI-SRNSF)

Task 8.3. Launching a Joint Call in the Black Sea
(Task leader: MEYS)

Task 8.4. Infrastructures in the Black Sea
(Task leader: MEYS)

Task 8.5. Capacity Building in the Black Sea
(Task leader: KyivCSTEI)

Task 8.6. Coordination and Management of the Black Sea Network
(Task leader: TÜBİTAK)



Key outputs of the work package (WP 8.1)

Black Sea Strategic Research Agenda

Black Sea SRA was a result of;

- 2 National consultation meetings (RO, TR)
- 2 Workshops with participation of
 - 38 (17+21) expert,
 - Partner institutions
 - Regional Organizations (BSEC and BSC)
 - Associated partner
- Written contributions from 19 experts
- Review and editing
- D.8.1.1 Strategic Research Agenda (Submitted M24)

Having ;

- a Common Vision
- Specific Objectives
- Research priorities



Key outputs of the work package (WP 8.1)

Black Sea Strategic Research Agenda

Under 3 major categories :

- 7 research topics and 34 key research issues identified for basic research and fundamental understanding (A);
- 9 research topics and 46 key issues identified for applied research to support society and maritime economy (B);
- 4 topics and 18 key issues identified to support fundamental and applied research (C).

- NOT ALL identified as GAPS but as concerns and interests of BS experts
- Some of the topics under the 3 major categories might be considered in a holistic / integrated way for one topic
- Some key issues put forward in a managerial view or with strategic concerns, they are not research priorities

Key outputs of the work package (WP 8.2)

A Draft Marine Research Programme

- Black Sea SRA was analyzed, research priorities for the Black Sea Basin were identified (including national expert consultations)
- An inventory including SRA priorities was circulated among BS partners
- A Draft MRP document was prepared by UEFISCDI.
- A dedicated workshop to finalize the document was planned to be organized in May 2013 but not achieved due to insufficient participation
- A first draft was sent to all Black Sea partners in June 2013 for comments/suggestions by UEFISCDI.
- The document was modified according to the comments/suggestion received and was sent to all SEAS-ERA partners and submitted in November.



Key outputs of the work package (WP 8.2)

SEAS-ERA NET Priority Research Fields	Other Research Programmes/Projects						SEAS-ERA Net Black Sea Score
	SEAS-ERA	JPI Oceans	Horizon 2020 Programme	BS-ERANET Project	BS-ResPot	ERANET-RUS	
A. Topics for basic research and fundamental understanding							
Geological structure and dynamics of the Black Sea Basin	•				•		12
Physical climate, hydrological cycle, ventilation and inter-basin coupling	•			•	•	•	14
Climatic variability and climate change impacts including the effects of ocean acidification	•	•	•	•	•	•	18
Changes in biodiversity and habitats, noting the introduction and impacts of invasive species	•	•	•	•	•	•	21
Eutrophication: mechanisms and impacts	•			•	•	•	17
GES for Human and Ecosystem Health	•	•	•	•	•	•	13
Deep-sea research	•	•	•				17
B. Applied Research: Science supporting Society & Maritime Economy							
Renewable energy	•		•	•	•		9
Exploitation of mineral resources, energy and communication projects	•		•	•	•	•	4
Maritime transport	•	•	•				2
Fishery and aquaculture with focus on preservation and sustainable use of marine living resources	•	•	•	•	•		16
Marine biotechnology	•	•	•	•	•		3
Natural hazards and risk assessments	•	•					19
Socio-economic research	•	•	•	•	•	•	15
Marine spatial planning (MSP) and marine protected areas (MPAs)	•	•	•				14
ICZM, links with MSP & IRBM, coastal sciences & engineering	•	•	•				13
C. Research support and cross-cutting issues for fundamental and applied research							
Support tools for policy implementation	•	•					13
Observation and forecasting systems for operational oceanography	•	•	•				13
Marine research infrastructure	•	•	•				22

Key outputs of the work package (WP 8.3, 8.4 & 8.5)

Task 8.3. A Joint Call ... not achieved

Task 8.4. D 8.4.1 - A report on existing or/and new MRIs for the BS Region and a procurement strategy and recommendations for their use and sharing (submitted at M35)

Task 8.5. D 8.5.1 - Report that reviews existing HCB schemes in the BS countries, identifies their gaps and describes new mechanisms and programs for for HCB in BS Marine Research (submitted at M35)

Future perspectives of the work package (Black Sea)

- ★ A Regional Cooperation Platform is still need to be established to cooperatively plan and implement marine resarch in the Black Sea (at least a new regional Era Net)
- ★ Most of the research topics identified for the region will obviously be also areas of interest of other regions in the next decade (pan-european dimension)
- ★ A priority theme approach with support means might provide a better focused cooperation
- ★ Partner profiles (number and representation of different stakeholders) need to be improved in future cooperations

Conclusions

- *Value of the BS SRA....* Being grasped by the scientific community
- Being recognized by national funders and national marine research strategies
- Promoted by the regional organizations and recognized in their work plans
- Also considered by other international bodies

- Candidate themes appeared for common research programme for future cooperation .
“Changes in Biodiversity and Habitats” together with “climatic variability and changes” supported by MRI needs .

- The analysis of MRI of the Black Sea was useful and made reference in other EU projects and updated where necessary

- However, the previous ERA NET experiences could not be used to the best advantage of the Black Sea region (except the BS ERA NET)



THANK YOU !!!