

HCB in Marine and Maritime Science, from Schemes to Targeted Actions

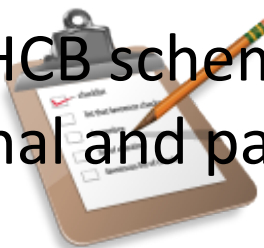
the SEAS-ERA contribution

**WP5 – Human Capacity Building
MIUR/CNR – Italy,
RANNIS - Iceland, TUBITAK-Turkey**

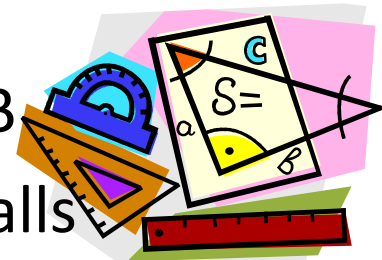
Key outputs of the work package

HCB, a pioneer issue in the framework of an ERANET in Marine Science

- **Mapping and analysis** of HCB schemes and initiatives **to identify needs** at regional and pan-EU level



- Proposal for a **methodology** to implement HCB calls within Common Programmes and Joint Calls



- Seeds for a pan-European training and mobility **strategy** for human resources in marine science



Key outputs of the work package – deliverable D5.2.1

➤ **Mapping: HCB is ...** increasingly part of marine *national* research programs

Tools: on-line *questionnaire* (54 from 27 countries + 196 initiatives collected), desk *survey* (323 FP7 projects), *workshop* with experts

regional instrument of neighbourhood cooperation (Med and Black Sea) and/or interregional cohesion (Atlantic)

fostered at *EU level* through mobility and other actions supported by programmes like Erasmus Mundus, schemes like MCAs, and embedded in FP projects

addressed by numerous *international* organizations (IOC, ICES, BONUS, EuroMarine+, JPI Oceans, European Marine Board,...) to share best practices and solutions with

Key outputs of the work package – deliverable D5.2.1

➤ Needs

Priority	Target group	Sector	Disciplines	Actions
high	researchers, technologists, technicians + managers (private sector requirement)	fishery and sea resources, (basic) research	environmental science, biology, engineering and technology	training through education at schools, internships

- **Priorities to be increased to advance HCB:** p-p collaboration, coordination of national research funding schemes, transnational initiatives/programs, interdisciplinary approach, ...
- **Barriers to overcome** related to the lack of: funds, acknowledgement of HCB activities as strategic for country development, collaborative approach between private and public sector, coordinated strategies

Key outputs of the work package – deliverable D5.3.1

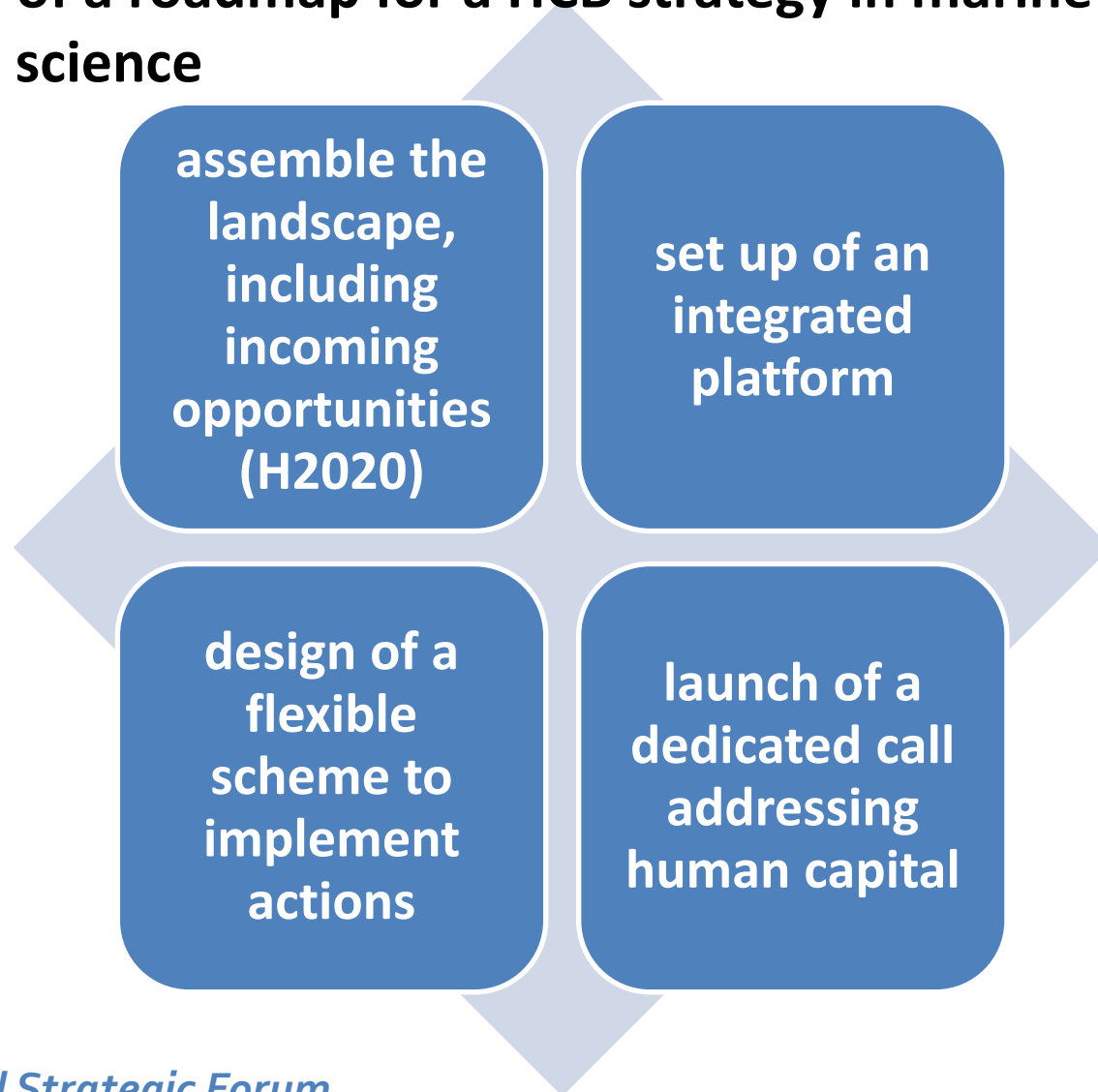
- **Methodology for HCB calls**, from the definition of topics and typology of actions (short term/long term) to the scheduled execution and final check



- Hints: >> HCB actions to be considered in the MoU of the call both as objective and evaluation criterion >> Synergies with dedicated programmes (e.g. MSCAs) and among projects to be explored

Key outputs of the work package – deliverable D5.3.2

- **Elements of a roadmap for a HCB strategy in marine and maritime science**



Future perspectives of the work package...

... ordered by 'level of ambition'

- keeping up to date the information on HCB initiatives and sharpen the analysis to identify evolving needs
- integrations and/or focus in the framework of other projects (e.g. COFASP, MarineBiotech, CSA-OCEANS): HCB & Marine Research Infrastructures; jobs of the Sea; analysis of connections between education patterns and career opportunities; specific profiles/curricula to be pinpointed; young generation; ...
- implementation of HCB actions within SEAS-ERA Regional Common Programmes
- help building an advisory long-lasting platform on marine and maritime human capital, effectively integrating education-science-policy-labour market systems
- propel the set-up of a HCB programme (at first a MSCA) targeting marine and maritime science

Conclusions

SEAS-ERA contributed in setting the field for a marine and maritime HCB strategy at pan-European level through the provision of equipments like preliminary identification of needs and gaps, tools for analysing the landscape and good practices to implement new initiatives. Its legacy is a well calibrated player, the science-to-policy marine community, who has to decide how far and toward which target to launch the ball.



Thanks



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