The MPA Engage harmonized monitoring approach

IN COLUMN TWO IS NOT

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MPA Engage





MEASURABLE IMPACTS

During the 21st century, the basin mean sea surface temperature is expected to **Warm UP** by 2.7 to 3.8°C and 1.1 to 2.1°C under the RCP8.5 and the RCP4.5 scenarios, respectively (very high confidence).

Marine **heat waves** will very likely increase in spatial extent, become longer, more intense and more severe than today

MEDECC 2020 (conclusions of 190 Mediterranean Scientists) <https://www.medecc.org/first-mediterranean-assessment-report-mar1/>





Mean annual temperature anomalies / Mediterranean (land only) a RCP8.5 (24) RCP2.6 (13 Û 1950 2010 2030 2050 2070 1970 1990

Figure SPM.2 | Projected warming in the Mediterranean Basin over land. Projected



MANY others























Ecosystem approach \checkmark

Scientifically robust \checkmark

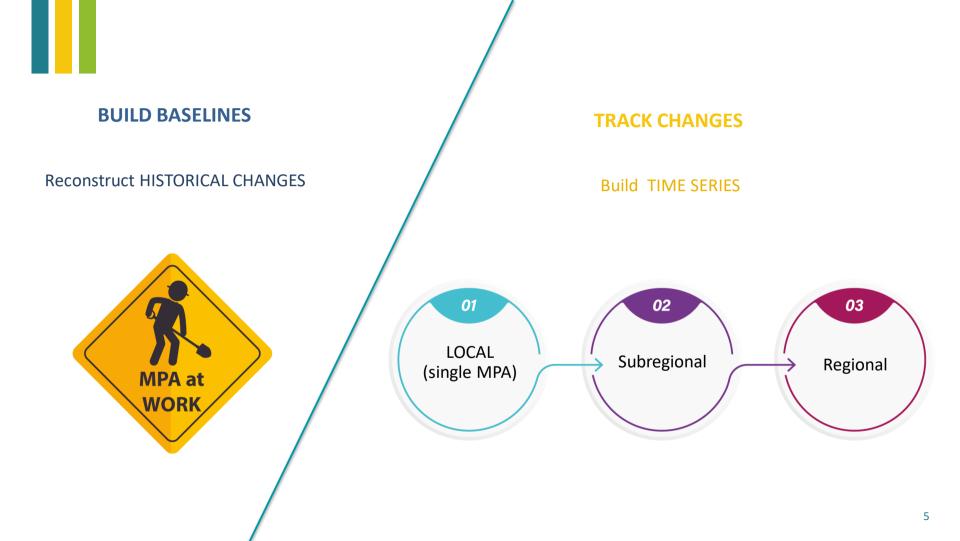






Feasibility and cost effectiveness \checkmark

✓ Public participation



Not just protocols **TOOLKITS AVAILABLE**

Freely accessible at: https://mpa-engage.interreg-med.eu

OUR TRAINING MATERIAL



Webinar presentation here!

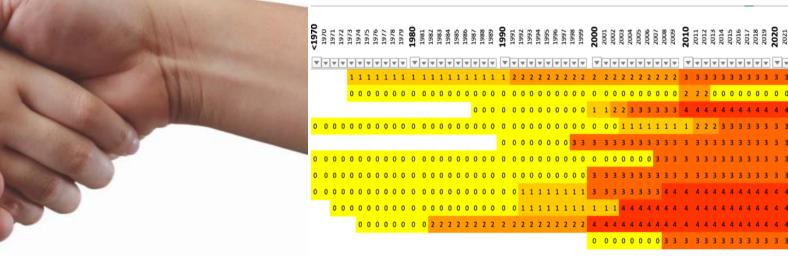
The excel file where to input the data- Video Webinar! DATA_LEK_1.xls

Interview sheet to be printed -Questionnaire LEK-1 Video Tutorial! Our video documentary -Trailer Our video documentary -Episode 1 Our video documentary -Episode 2



historical changes

SUPPORTING the ENTIRE MONITORING PROCESS





The basis of harmonized monitoring in the Mediterranean



MSFD and IMAP

The Ecosystem Approach in the Mediterranean is being implemented in accordance with a seven-step roadmap since its adoption at COP15 in 2008, Decision (6.17/6.1 is now fully integrated into the MAP and Barcelona Convention framework and is in line with the EU Marine Strategic Framework Directive (MSFD) and the decisions of the Convention on Biological Diversity (CBD) regarding the ecosystem approach and the Aichi targets. As part of this process, CDP19 adopted the integrated Monitoring and Assessment Programme of the Mediterranean Res and Coast and related Assessment Throng (IMAP) Decision (6.22/7)

To enhance alignment:

11

Descriptors/ecological objectives

COHERENCE among Good Environmental Status (GES) definition, targets and indicators monitoring and assessment work on regional/sub-regional level

• CO-OPERATION between EU and non-EU countries of the same sub-region/region • CAPACITY-BUILDING to promote common capacities and ownership of the process • DATA-SHARING principles and practices to be put into practice





Integrated Monitoring and Assessment Programme of the Mediterranean Sea and Coast and Related Assessment Criteria The 19th Meeting of Contracting Parties in 2016



Marine Strategy Framework Directive

Climate change is not deliberately considered by regional Monitoring programmes.

Coherent with the principles of IMAP and MSFD



MSFD and IMAP

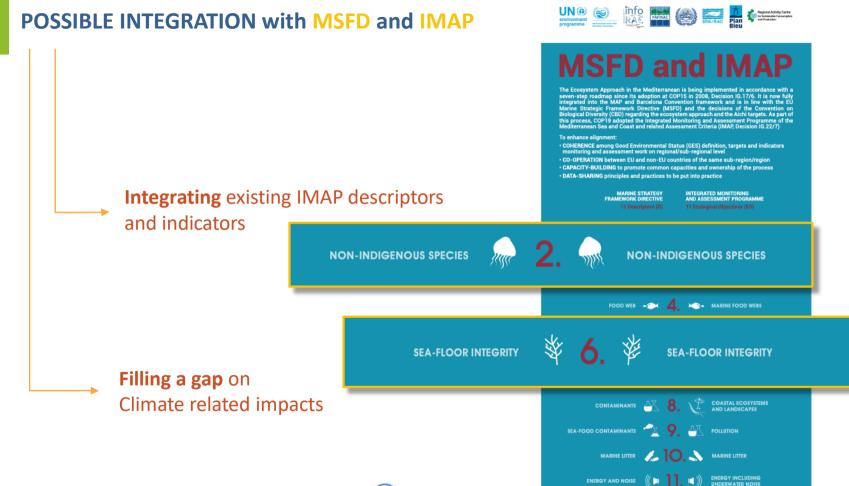
The Ecosystem Approach in the Mediteranean is being implemented in accordance with a seven-step roadmap since its adoption at COPI 5 in 2008, Decision IG.1776. It is now fully integrated into the MAP and Barcelona Convention framework and is in line with the EU Marine Strategic Framework Directive (MSFD) and the decisions of the Convention on Biological Diversity (CBD) regarding the ecosystem approach and the Aichi targets. As part of this process, COPI9 adopted the Integrated Monitoring and Assessment Programme of the Mediteranean Sea and Coast and related Assessment Triteria (MAP Decision) G2277)

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Concluding remarks

A cost effective harmonized observation system is ready to help Mediterranean MPAs to become sentinel sites and play a primary role in the fight against Climate Change. The resulting outputs are key to support mitigation strategies and effective adaptation plans at both local, subregional and regional level.

Act Local Think Mediterranean!

