

BLUE4ALL

Blueprint demonstration for co-created effective, efficient and resilient networks of MPAs

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Mission objectives and targets

Restore our Ocean and Waters by 2030

BlueParks
program

PROTECT AND RESTORE MARINE AND FRESHWATERS ECOSYSTEMS AND BIODIVERSITY

- Protect at least 30% and strictly protect 10% EU's sea areas
- Restore 25.000 km free flowing rivers
- Marine nature restoration targets (incl. degraded seabeds, coastal ecosystems)

PREVENT AND ELIMINATE POLLUTION OF OUR OCEANS, SEAS AND WATERS

- Reduce by at least 50% plastic litter
- Reduce by at least 30% microplastics
- Reduce by at least 50% nutrient losses, chemical pesticides

MAKE THE BLUE ECONOMY CARBON- NEUTRAL AND CIRCULAR

- Net zero maritime emissions
- Zero carbon aquaculture,
- Low carbon multipurpose use of marine space

ENABLERS

Digital Ocean and Waters Knowledge system

Public mobilisation and engagement

BLUE4ALL Strategy

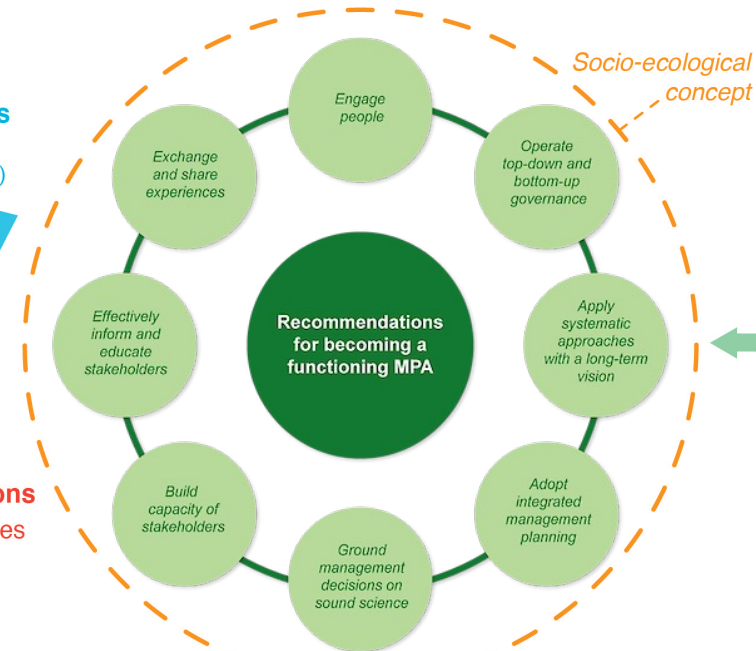
Guidance for achieving effective, efficient and resilient MPAs

Top-down approach

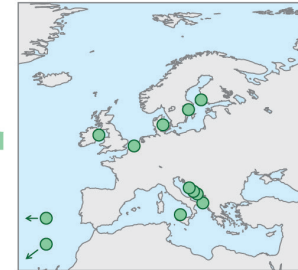
Regulatory demands
~ Biodiversity
(Ecosystem services)

Societal expectations
~ Ecosystem services
(Biodiversity)

Bottom-up approach



Information sites

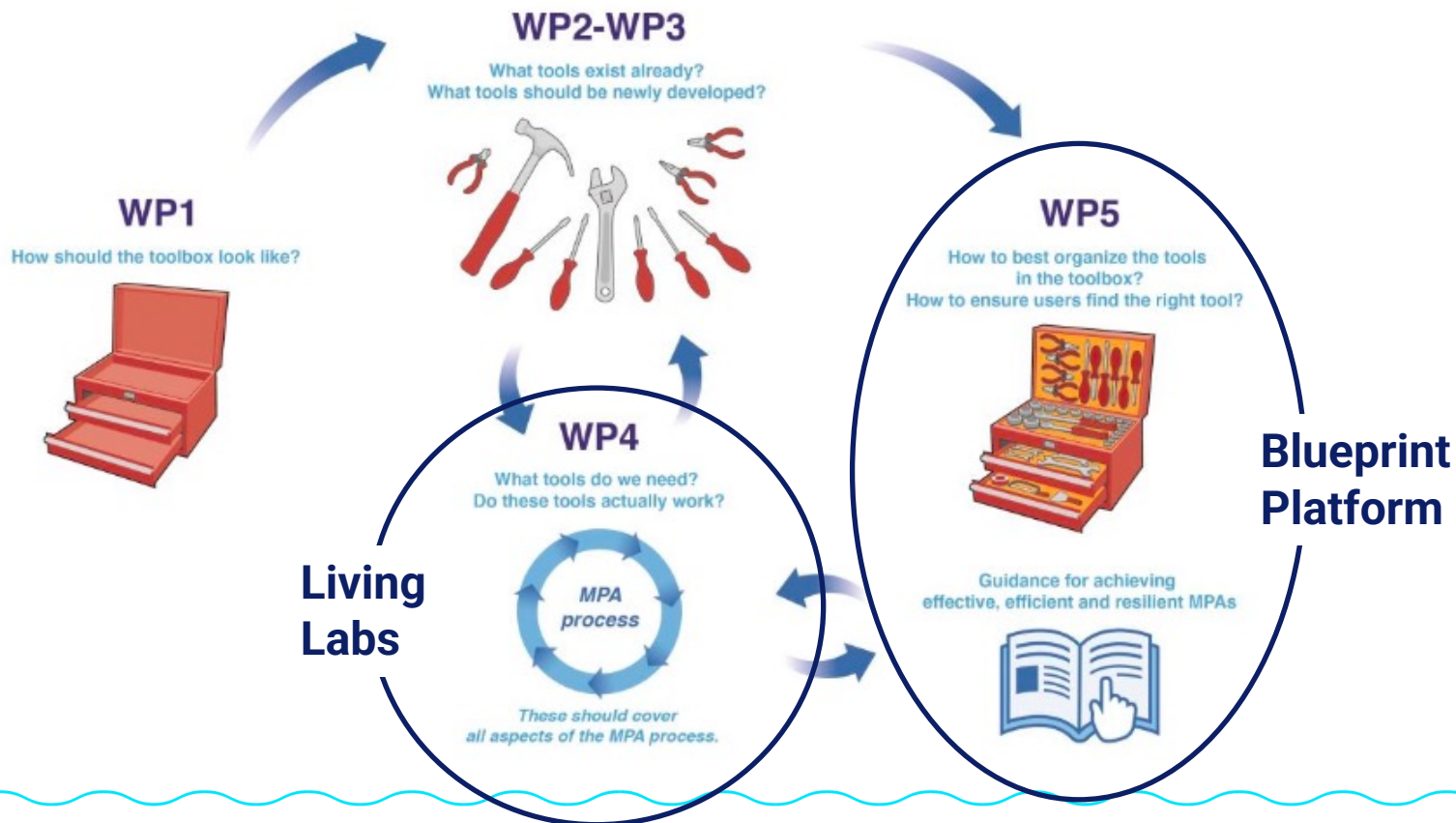


Conceptual diagram illustrating the eight key recommendations to assist those working towards creating functioning Marine Protected Areas (MPAs). Diagram courtesy of the Integrator and Application Network (ian.umces.edu). Under the leadership of the Center for Environmental Science, Integrating Marine Protected Areas Work—Lessons Learned in the Mediterranean, 2012. WWF (World Wildlife Fund) report, p.101. <http://ian.umces.edu/sites/default/files/publications/Integrating%20MPAs%20Work%201110.pdf>

Jane Hawkey, Integration and Application Network
(ian.umces.edu/media-library)



BLUE4ALL Concept





LIVING LABS

NORTH EAST ATLANTIC

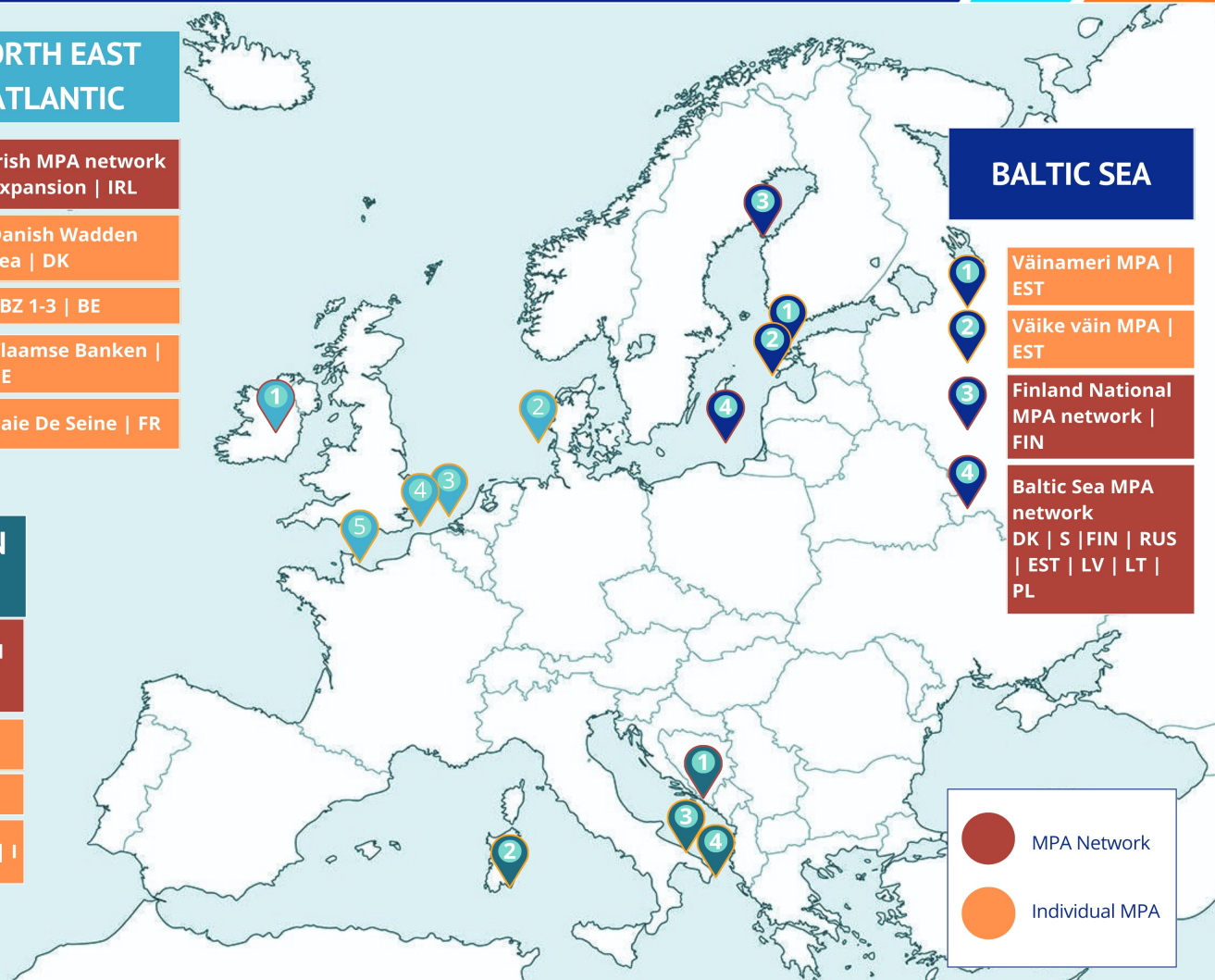
- 1 Irish MPA network expansion | IRL
- 2 Danish Wadden Sea | DK
- 3 SBZ 1-3 | BE
- 4 Vlaamse Banken | BE
- 5 Baie De Seine | FR

MEDITERRANEAN SEA

- 1 Platamuni, Katič and Stari Ulcinj | MNE
- 2 Capo Carbonara | I
- 3 Torre Guaceto | I
- 4 MPA Otranto Leuca | I

BALTIC SEA

- 1 Väinameri MPA | EST
- 2 Väike väin MPA | EST
- 3 Finland National MPA network | FIN
- 4 Baltic Sea MPA network
DK | S | FIN | RUS
| EST | LV | LT | PL

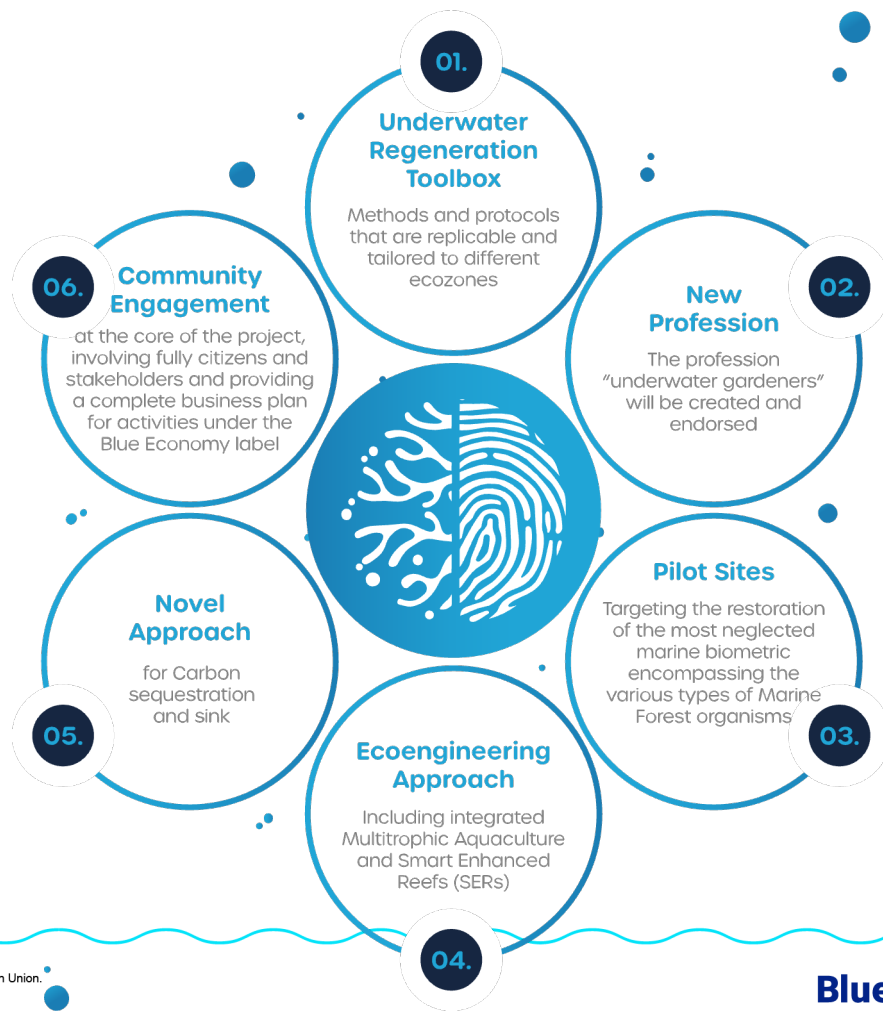


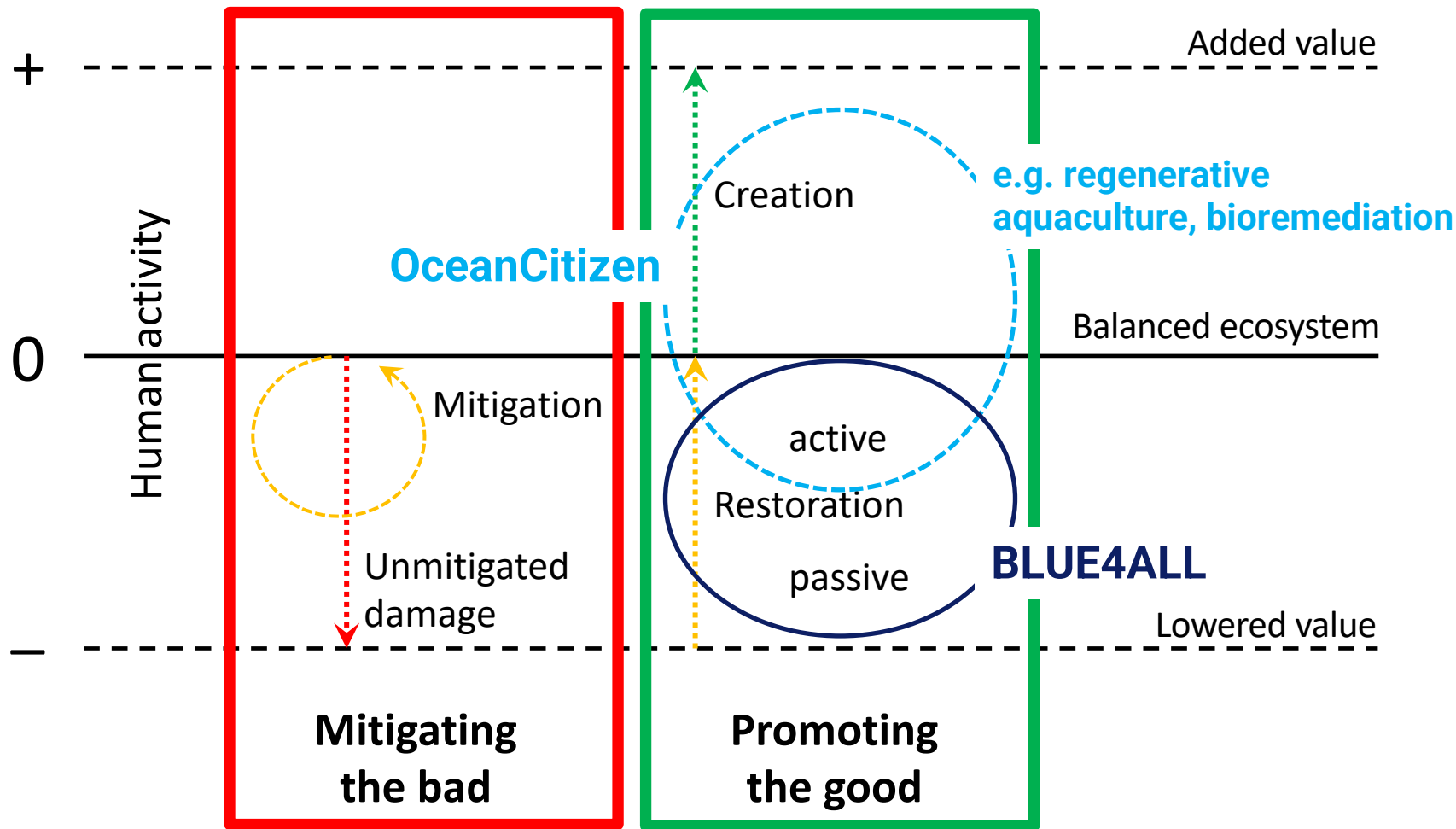


OCEAN CITIZEN

A multidisciplinary approach integrating science and society in Marine Forests regeneration for ocean management and protection

- Define blueprints of replicable protocols for underwater coastal restoration
- Consolidate and evaluate an ecosystem-based business model for marine preservation





Parallels among BLUE4ALL, OceanCitizen and regenerative aquaculture projects

- All touch upon restoration of natural assets
 - BLUE4ALL toolbox, OceanCitizen protocols,...
- Stakeholders as the key to efficient and effective marine restoration
 - Communities as care takers,...
- We make use of real world examples
 - BLUE4ALL Living Labs, OceanCitizen test sites,...

Point of attention

- The often subtle difference between true restoration and creation...





Thanks



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