## MEDTRIX: a mapping platform for monitoring data in the Mediterranean Sea.

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Since the Water Framework Directive (WFD, 2000/60/ EC) has been enforced, Member States have committed to achieving or maintaining good environmental status of water bodies by 2020 (European Parliament, 2000). The Marine Strategy Framework Directive (MSFD, 2008/56/CE) complements the concept of "good environmental status". The implementation of the Directives requires a prior inventory or an assessment of marine ecosystems through monitoring programs. Chemical, biological, and pressure measurements on spatial scales ranging from a square meter to tens of kilometres allow these networks to estimate the quality of coastal waters.

MEDTRIX is an online platform which groups together such data concerning the monitoring of Mediterranean coastal waters and ecosystems. It has been created in 2013 by the French Water Agency (Agence de l'eau Rhône-Méditerranée-Corse) and the company Andromède Oceanologie. Using Lizmap (3Liz company), this platform makes freely available high resolution spatialized data (between 0 and 80 meters deep, mapping at 1:10000 scale) all along the French Mediterranean coastline as well as some areas in Italy, Tunisia, Morocco and the Atlantic ocean. Users (marine experts, scientists, managers, technical agents, etc.) have access to marine habitat maps, ecological and chemical quality indicators, anthropic pressures (anchoring, aquatic farms etc.), biological data (fish assemblages, sea birds), physical data (temperature, noise) and geographical information (water activities, pollutions, socio-economic data etc.).

Around thirty different projects (12 project holders, 26 different structures) are available for consultation. They are gathered among six categories: monitoring network, coastal water status, workshop sites, coastal management, habitat mapping, and marine observatories (Fig. 1)

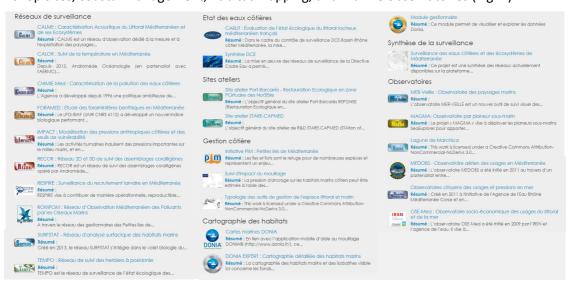


Figure 1: projects currently available (currently in French but in English from November 2018)