



# PATINER

*Farming aquatic species while recycling waste from others*

<b>PROJECT TITLE</b>	<b>PATINER – Promote and develop sustainable and integrated multi-trophic aquaculture</b>
<b>IMPLEMENTATION PERIOD</b>	06.08.2020 – 31.10.2023
<b>ORGANISATIONS INVOLVED</b>	Institut National des Sciences et Technologies de la Mer INSTM (TN); Direction Générale de la Pêche et de l’Aquaculture (TN); Centre Technique d’aquaculture (TN); Istituto Zooprofilattico Sperimentale della Sicilia A. Mirri (IT); Università degli Studi di Palermo (IT); Istituto per lo studio degli impatti Antropici e Sostenibilità in ambiente marino (IT)
<b>PROGRAMME</b>	Italy – Tunisia ENI CBC 2014-2020
<b>TOTAL BUDGET</b>	1.192.710,33 €



Integrated multi-trophic aquaculture (IMTA) is a system which helps to farm multiple aquatic species from different trophic levels (or nutritional levels in the same system) in an integrated manner. This means that one species always finds a source of food in the waste of another species. The PATINER project introduces the integrated multitrophic system (SMTI) through pilot actions in Tunisia and Sicily to improve productivity and environmental sustainability of aquaculture in both countries. This “recycling” of aquaculture nutrients not only reduces waste in the marine ecosystem, but also produces species of high economic value which ultimately improves the economic profitability of aquaculture farms.



**OPEN INNOVATION**



Project co-funded by the European Union



**ECONOMIC DEVELOPMENT**