

Project @ CNR “SCANFISH” SEA COSMETICS AND NUTRACEUTICS: FROM FISHERY AND AQUACULTURE BYPRODUCTS

The project (CNR Coordinator) SCANFISH aims at identifying novel products from fishery and aquaculture wastes and developing their uses as cosmeceuticals and nutraceuticals. The project is based on two pillars: (i) selection of discarded material from fisheries and aquaculture (BLUE VALORIZATION); (ii) identification and assessment of biological activity (DISCOVERY). SCANFISH aims to explore how interconnections between aquaculture and fisheries act as an opportunity in the global system given resource scarcity (INNOVATION).

Main activities SZN partner: Composition and sampling of fishery and aquaculture discards: specimens of most interesting species of the discarded fractions will be analyzed for identification of cosmeceutical and nutraceutical substances. Chemical and bioactivity characterization of extracts: using bioassay-guided fractionation the active fractions/compounds will be identified by specific assays.

