

AQUAZOSTA GmbH

The Baltic Sea - Source of Innovative Profit from Nature Raw Material

by AQUAZOSTA GmbH

AQUAZOSTA GmbH (established in 1998) from Schwerin, Germany, investigates the utilization and the refinement of the marine nature raw material seagrass from the Baltic Sea, *Zostera marina*, for new ranges of application.

Seagrass was used partially already for many centuries as an insulation and filling material. Target of

AQUAZOSTA GmbH is, however, to animate the modern use of the marine resource eelgrass again and to profit by the effects, e.g. anti-bacterial, flame-retardant, heat-insulating and rot-proof properties of the marine plant.

In cooperation with partners from business, science and technology new products are developed for the cure and cosmetic industries, the industry of building materials and horticulture, toys industries and further biotechnologically manufactured products.

The broad spectrum of application for different uses as raw material and active agents is done by combined processing from the start of collecting the beach wrack to the end of the manufacture of eelgrass products. The nutrient return to the offshore seagrass meadows in selected areas is by that not affected removing the eelgrass.

Thus, a second object is achieved for communities and coastal regions which have problems due to the beach pollutions. In cooperation with selected communities the costs for deposition of beach wrack will be reduced.

The final object of AQUAZOSTA is to innovatively bring new seagrass products into the market, economically and ecologically justifiably.

¹ Copyright AQUAZOSTA GmbH
registered as German trade mark