



AZTI-Tecnalia is a non-profit private foundation committed to the social and economical development of the marine environment and food sector and is part of Tecnalia Corporation (www.tecnalia.es). The Food Research Division at AZTI is aimed at improving the quality, productivity and innovation of food products and processes. It offers applied R&D on (i) Food Safety and Biodetection (ii) New Food Products (iii) Novel Technologies (iv) Sustainability of the Food Chain.

AZTI-Tecnalia has been a member of the SAFE consoritum since 2007.

AZTI-Tecnalia

Non-profit Research Organization - Technological Centre

Staff: 100-249

Description: AZTI-Tecnalia, a Technological Centre specialised in Marine and Food Research, is a private non-profit organization, whose objective is the social development and the improvement of competitiveness in its area of influence by means of technological Research

and Innovation. Since 1981, AZTI-Tecnalia has had a large number of clients in companies, institutions, and public administrations for which they carry out research oriented projects geared towards the knowledge generation, and high-added value technological products and services focused on solving specific problems. The added value of our organization is based on the permanent training of our staff by means of R&D&i and the capacity to develop applications, which means efficient solutions to focus on the demands of public administrations and companies in the private sector. Our policy is that of permanent investment in technical-scientific equipment and in the continuous training of our professionals in search for technological excellence. Results that reaffirm our position as an expert technological centre in Marine and Food Research with in-house developments in I&DT and guaranteeing maximum confidentiality of our projects at all times. AZTI-Tecnalia has promoted the creation of 7 companies in the last 5 years.

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Sectors of Activity: Food industry, food processors, food supply chain, food industry equipment providers, food distributors-Retailers, Food Service, Food control and analysis.

Areas of Research:

* Food Safety and Quality:

- Detection systems for the control, identification and traceability applied to food products: New diagnosis methods; Biosensors; Molecular biology techniques; Smart packaging
- Product verification and added value: Identification of species; Identification of geographical origin; Quantification of ingredients in mixtures

- Validation models that guarantee safety of new technologies and novel foods: Properties of new biomolecules; Toxicity of new food components
- Prevention of food risks, by means of reducing and/or eliminating contaminant agents and allergens in foods; Predictive microbiology

* New Food Products:

- Active compounds and functional ingredients
- Improving the nutritional profiling of food
- Design of new food products

* Novel Technologies:

- Preservation and stabilisation and of food products
- Decontamination
- On-line control
- Development of new food products through the application of new technologies or processes

* Sustainability of the Food Chain:

- Eco-development
- Process efficiency
- Recovery and utilization of by-products
- Rational use of natural resources