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CASE HISTORY – Food industry

STRUCTURE
Fish farming

DATI CLIENTE		
Place	**Dimensions**	**Typology**
Italy	medium size	Breeding of sturgeons for the production of caviar



PROBLEM
o It is of primary importance to eliminate unpleasant odors from the waste collection and storage area (plastic bins) and to avoid using a dedicated refrigerated cell. o Reduce the presence of insects and wild animals (mice, cats and birds) that lurk near the waste containers attracted to fish. o Significantly reduce / eliminate the withdrawals of containers containing "special" organic waste (Category 3) o Reduce the frequent washing, conditioning and sanitization of bins dedicated to the collection and storage of organic waste o Finding a sustainable solution in line with the Company's policy of promoting an Eco-sustainable activity capable of reducing the CO2 impact produced by its business.

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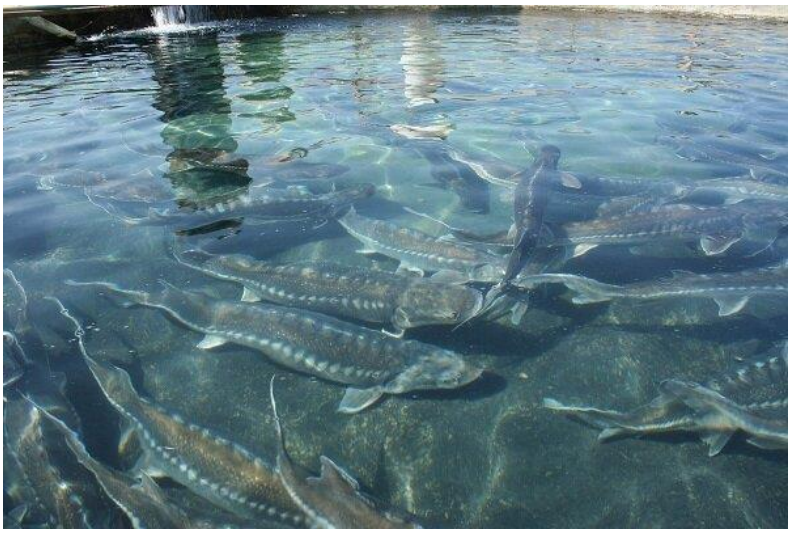
STRUCTURE DESCRIPTION



Fish farming where sustainability is the ability to maintain their activities over time in relation to various variables, especially environmental, social and economic, evaluated in perspective and applying the rules of "responsible farming", to protect the environment.

The Project is based on a more sustainable and economical management of the organic waste produced while improving the hygienic-sanitary conditions of the processing and storage environment, responding at the same time to logistical and organizational needs, as well as to cost criteria.

In this scenario, the use of EcoSwiss EFR machinery was included to treat the organic waste represented by sturgeons.



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SOLUTION ADOPTED



Use of an EFR 100 machine to manage the organic wet waste produced daily by the structure.







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Impact on waste using EFR
○ Tens of thousands of kg of annual organic waste produced ○ Reduction of organic waste produced / year over **70%** ○ Dry residue that can be used as a resource over **10,000 kg**

List of Advantages and Economic Savings (quantifiable)
○ Total elimination of bad smells around the entire structure ○ **non-quantifiable value but of great impact / image for the company; essential for choosing the purchase of the machinery** ○ Do not implement and use a new refrigerated cell for the storage of organic waste deemed necessary and essential in the hot seasons **(100%)** ○ Total elimination of maintenance and repair costs of the refrigerated cell ○ Reduction of personnel costs for cleaning, reconditioning and sanitization of the refrigerated area and storage of organic waste **(about 80%)** ○ Improvement of the decoration and general cleaning of the external area of the structure, **value not quantifiable but of great impact / image!** ○ Elimination of extra costs of periodic reclamation of insects (flies) and de-ratification ○ Total elimination of organic waste collection **worth over 10K € / year**