

Sommet des deux rives, Forum de la Méditerranée

Proposition d'initiative n°_2_

Forum thématique préparatoire concerné : Palermo_CIRCULAR ECONOMY

Nom de l'initiative: FISH TRACEABILITY FOR LOCAL DEVELOPMENT	Contact du porteur du projet : GIULIA MACI macigiulia@gmail.com Cristian Chiavetta cristian.chiavetta@enea.it
Objet : Foster sustainable, healthy, safe and local fish production in the West Mediterranean area	
Thème principal, thèmes annexes transverses: Sustainable fish production and consumption + food waste valorization + circular economy	
Pays méditerranéens concernés: Italy, Potential involvement of France, Moroccan and Tunisian partners	
Durée et date de lancement : 01/09/2019	

Descriptif (20 lignes max.)

➤ Contexte

Fish supply chain is particularly vulnerable to fraud, several risks are associated with the fish supply chain and local and fair fish production is often MINACCIATO by massive and not sustainable fishing. The enforcement of the metrological infrastructure as well as the implementation of digital technologies to collect, integrate, share and make interoperable analytical data on fish production, processing and preparation and for realising an innovative, integrated collaborative traceability system at a territory level, could bring great advantages, enabling: traceability and authenticity control of traditional Mediterranean foods, risk/benefit evaluation all along the food chain, support to food policies, making more informed and conscious all the actors of the value chain.

➤ Projet

The project proposes the development of systems to support the quality, safety, authenticity and traceability of fish products and the control of the catch, with the improvement of processes and waste reduction and valorisation of wastes and byproducts in support to sustainability and circular economy.

The actions proposed are :

- the application of already defined analytical methods and devices for the verification and demonstration of the quality and safety of products along the entire supply chain for the determination of specific parameters and the identification of markers of quality and origin
- the implementation of an already existing e-platform for the collection and integration of data on food

composition, quality, safety, and data on available metrological tools in support to food analysis

- the application of tools for sustainability of fish productions and processing improvement through strategies for waste reduction, and valorisation and re-use of by-products and wastes aimed at implementing a "circular" production model
- the implementation of Capacity building and technology transfer actions : i) specialized on-site trainings for laboratories; ii) B2R2B missions and bilateral short-term visits; iii) workshops and schools to network and share practices and activities., iv) a "Job Bank" to hunt investment resources, as repository of employment opportunities related to food traceability specialist and especially oriented to younger audiences.
- The realization of a new dedicated infrastructure will be realised through the recovery of a disused building in the port area. This infrastructure will include areas dedicated to analytical activities, areas for the development and integration of ICT systems, areas for training and new job promotion, educational areas, areas dedicated to interaction with producers and consumers (including tourists)

Gouvernance

- Porteur principal du projet:
ENEA – Italian National Agency for the Environment, the Energy and the Sustainable Economic Development
- Partenaires impliqués dans la mise en œuvre:
 - Local communities
 - Fish producers
 - Local administration
 - Consumers
 - the partners of the European Research Infrastructure METROFOOD-RI (ESFRI - Domain Health and Food),
- Autorités compétentes, partenaires institutionnels:
 - Ministère de l'environnement
 - Ministère de l'industrie et nouvelle technologie
 - Les associations locales
 - Les organisation sociaux international

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Stade de développement *(cocher la bonne case)*

Nouveau	<input type="checkbox"/>	Existant et non actif	<input type="checkbox"/>	Actif à étendre	<input checked="" type="checkbox"/>
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Innovation et synergies *(indiquer les dispositifs existants que l'initiative proposée vient compléter, réactiver ou remplacer, évaluer sa valeur ajoutée)*

The implemented facilities will work in close connection with the European Research Infrastructure METROFOOD-RI (ESFRI - Domain Health and Food), which will act as a bridge between the countries of the southern shore and those of the northern shore of the Mediterranean, will allow a direct link with other facilities (physical and electronic), data and networks and will serve as an opportunity of scale up, exploitation, technology transfer and capacity building. This will favor an integration of activities and services supporting the market, the control system and consumers.

Financement (éventuellement)

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Impacts

The proposed actions will produce positive, tangible benefits for food producers (companies and small fisheries cooperatives) and consumers. In particular:

- Valorisation of local and sustainable fish production (also through chemical and microbiological characterization, identification of markers, IT codes and local labels)
- Provision of an added value to the Med fish products, especially against the invasion of the tropical fish market
- Collection of information, data and knowledge for waste valorisation in the industrial symbiosis process
- Interoperability with other Med platforms
- Attraction of investments in sustainable local fish production
- Transfer of technologies, implementation of new services accessible to researchers, food business operators and consumers/citizens, new job opportunities
- Recovery and valorisation of a port and / or of specific disused buildings

➤ ODDs concernés : *cocher les cases concernées (3 maximum)*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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