



The Italian Institution for  
research and promotion  
of standardization

## ENR

- Identification of the need for standardization of a specific target use
- Identification and formulation of general guidelines for the target-use
- Writing-up of a first draft standard (of a voluntary nature), through the setting-up of a Technical Committee of users, manufacturers and relevant public and Institutional bodies of the product/service to be standardized
- Publication and presentation of the first draft standard
- Final publication of the standard
- Promotion of the dissemination of the standard
- Training of potential users of the standard

## OPERATING SECTORS

- Agri-food
- Marine-Maritime
- Healthcare
- e-government for the Public Administration
- Cultural heritages

**ENR - Ente Nazionale di Ricerca e  
promozione per la standardizzazione**

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ENR Participation



The Italian Institution for research and  
promotion of standardization  
**[enrstandards.org](http://enrstandards.org)**

Sponsored by  
the Italian Minister of Agriculture, Food,  
Forestry and Tourism



ministero delle politiche agricole  
alimentari, forestali e del turismo

ENR is a non-profit organization with legal personality under private law, with registered office in Palermo.

The purpose of the organization is to contribute, in the interest of the community, to the research and promotion of guidelines and technical standards in the field of sustainability, quality, safety and environment. Specifically, the reference is to all the different phases that make up the entire process of standardization, proposing and carrying out the necessary activities and initiatives in this regard.

Standardization is an important issue: it is able to offer the best guarantees for products, processes and services to the different target uses and, at the same time, the best margins of competitiveness for products manufacturers, processes and services providers.

ENR focuses its research, development, innovation and standardization activities on the theme of conscious sustainability through a series of initiatives aimed at enhancing the value of goods, products or services in full respect of the environment and future needs.

ENR has established several activities and collaborations with Italian public research bodies. As such, ENR is a member of the Blue Italian Growth National Technological Cluster (CTN-BIG) and participates jointly in the several projects that are part of it.

ENR is also home to an innovative international research doctorate with industrial characterization of the University of Palermo, on MIUR call, concerning Deep Sea Mining.

## MAIN PROJECTS OF ENR

### Agri-food sector

#### **KNOWLEDGE HUB ON FOOD AND NUTRITION SECURITY**

Joint international initiative JPI (A healthy diet for a healthy life), JPI Oceans and FACCE-JPI (JPI Agriculture, Food Security and Climate Change) to create a hub of knowledge and networking in the field of food safety with a view to sharing and collaborating with international partners (with case studies on the olive oil sector), in collaboration with the Department of Agri-environmental Food Science of the University of Pisa and the Department of Food and Forestry of the University of Palermo.

#### **AGRIFOOD PROJECT - DROPS OF PLEASURE AND HEALTH**

Cooperation project in the supply chain for the development of new products, processes and technologies in the agricultural and food sector in Sicily for the production and dissemination of an innovative line of low alcohol drinks obtained from wine and grape juice flavored with organic production bio-fortified with elements of high nutraceutical value.

#### **AGRIFOOD PROJECT - OIL AND OLIVE OIL SECTOR**

Research project in the oil and olive sector for the promotion of European and national guidelines and standards for the entire food chain of standardization related to the culture of olives, from the plant to the bottle. D.M. N. 30311 of 31/10/2018- MIPAAFT in collaboration with MEF.

### E-government in the Public Administration sector

#### **PA@CLOUD (project @GCloud) - Pre-Commercial Procurement (PCP)**

Survey of innovation needs within the public sector in the Convergence Regions Project. PON Research and Competitiveness 2007-2013 MIUR-MISE.

### Marine and Maritime ICT sector

#### **TecBIA - Low Environmental Impact Technologies for the production of energy on ships**

Development of zero-emission power generation systems for marine applications  
Call for proposals MISE Large R&D projects PON/ Sustainable industry - in collaboration with FINCANTIERI S.p.A. and CETENA S.p.A.

#### **ARES - Autonomous Robotics for the Extended Ship**

Creation of an RD&I ecosystem in the shipbuilding and marine robotics sector. Project financed with PON funds "Research and Innovation" 2014-2020 MIUR and FSC (Fund for Development and Cohesion) area of specialization "Shipbuilding and robotics"; Lead partner CNR-ISSIA.

#### **SI.NA.PO. - SAFETY Port Navigation**

The project, in collaboration with CNR-ICAR, includes the creation of an intelligent and adaptive decision support system for the real-time reconfiguration of on-board installations in the event of a breakdown.

### Healthcare sector

#### **PRE.MED. - PREcision MEDicine**

Production of voluntary technical standards in the field of PREcision MEDICINE.

National Project MISE H2020 - e-health - in collaboration with the Cooperativa EDP La Traccia.

### Cultural Heritage sector

#### **TECLA - NanoTechnologies and nanomaterials for cultural heritage**

Service for the dissemination of results in the field of Cultural Heritage.

PON Research and Competitiveness Project 2007-2013, in collaboration with the University of Palermo.