

THE 2030 AGENDA



Projects development and implementation

ENEA participates in development cooperation projects in several countries of Africa, the Mediterranean Basin, the Near East, Latin America and in the most vulnerable countries highly exposed to climate change.

The major intervention sectors are:

renewable energy, climate change mitigation and adaptation, agro-industry innovation, efficient use of natural resources, water cycle, integrated waste management, innovative health solutions, cultural heritage technologies.



Technical and scientific support

ENEA provides technical and scientific support and specialist consulting at both national and international levels. The Agency's mandate is to support the institutions of the development cooperation system, the Directorate-General for Development Cooperation (Italian Ministry of Foreign Affairs and International Cooperation), the Italian Agency for Development Cooperation (AICS), and Civil Society Organisations, with which it participates in national and European funding calls. Under the Agreements with the Italian Ministry for the Environment, Land and Sea (MATTM), ENEA delivers technology transfer and implements supportive environmental cooperation.



Networking and partnerships

ENEA has created a wide network of exchanges and collaboration agreements with the main actors of development cooperation. It participates in national and international networks (MEDENER, RES4Med, and RES4Africa) and collaborates with some U.N. Agencies. ENEA is also the national body appointed by MATTM as member of the International Network of the United Nations Framework Convention on Climate Change (UNFCCC).



Technology Transfer

Innovation technology plays a preeminent role to meet the challenges posed by the 2030 Agenda. ENEA actively contributes to transfer technologies and know-how to developing countries properly targeted at the local contexts of developing countries, creating synergic exchanges of knowledge in close connection with businesses and other actors of the innovation system. The long-consolidated cross-disciplinary expertise in managing complex projects builds on integrated intervention models such as Nexus: food – water – energy.



Atlas for Development Cooperation

In order to strengthen technology transfer and make its expertise known, ENEA has created the "Atlas for Development Cooperation". It is an online database containing a selection of technologies and services attentive to the 2030 Agenda SDGs, as well as projects in co-partnership, where expert researchers allowed the best use of technologies adjusting them locally.

The Atlas also lists the agreements in force with international institutes and organizations mainly acting in development cooperation



Training

ENEA provides a wide range of both traditional and e-learning training courses, and implements projects with schools for education to global citizenship.

Consistently with its policy of collaboration with academic and scientific research institutions, the Agency also grants researchers fellowships for training and career-oriented research at its own laboratories through dedicated programmes provided by TWAS (The World Academy of Sciences for the advancement of science in developing countries) and ICTP (International Centre for Theoretical Physics), both located in Italy.



ENEA ACTIVITIES FOR DEVELOPMENT COOPERATION

- Projects development and implementation
- Technical and scientific support
- Technology transfer
- Networking and partnerships
- Atlas for Development Cooperation
- Training



Italian national agency for new technologies, energy and sustainable economic development

ENEA – the Italian National Agency for New Technologies, Energy and Sustainable Economic Development – is the major Italian public institution for research, technological innovation and advanced services for energy, the environment and sustainable economic development.

ENEA provides SMEs, the Public Administration and citizens with its basic and applied research expertise in energy efficiency, renewable energy sources, nuclear fusion, new materials, environmental sustainability, seismic protection, cultural heritage, agro-food and green chemistry.

The Agency hosts 14 research centres and laboratories all over Italy, with a permanent staff of over 2400 employees, besides 19 territorial offices that provide enterprises, public administrations and local realities with information and consulting services.



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Development cooperation



As Italian National Agency for New Technologies, Energy and Sustainable Economic Development, ENEA puts its cross-sector expertise at the service of development cooperation, with the aim of achieving the sustainable development goals set by the U.N. 2030 Agenda in sectors like energy, water, climate, the environment, health and agriculture.

The Agency is represented in the Italian and international Development Cooperation by its International Relations Office.

A Liaison Office in Brussels strengthens ENEA's participation in EU and international research programmes and networks, such as EERA (European Energy Research Alliance), and EEN (Enterprise Europe Network), the great service network supporting the competitiveness and innovation of SMEs.

The Agency operates through its Departments: Territorial and Production Systems Sustainability; Energy Technologies; Fusion and Technology for Nuclear Safety and Security. A further Department, the Energy Efficiency Unit, acts as the Italian National Agency for Energy Efficiency.



ENEA, we research innovation
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