

ENEA for Development Cooperation

*Technologies, skills, and partnerships for sustainable
and shared Development*





In line with the Sustainable Development Goals set by the [Agenda 2030](#), ENEA contributes to international cooperation by developing [technological and innovative solutions](#) that effectively address the environmental, social, and economic challenges faced by communities in partner countries.

Its integrated approach enhances technology transfer and tailors solutions to local conditions through initiatives that aim to:

- *Tackle* climate change and strengthen adaptation strategies
- *Promote* energy efficiency, renewable energy, and climate resilient agriculture
- *Ensure* sustainable water, waste, and natural resource management
- *Protect* marine and coastal ecosystems
- *Strengthen* local response capacities through early warning systems
- *Support* technical and scientific training
- *Advance* education and awareness on sustainable development
- *Preserve* cultural heritage



Innovation, technology transfer, training, capacity building

Research projects, tools, technologies, and methodologies

Technical and scientific support

Networks, partnerships, agreements

Projects and Partner Countries



More than 50 projects in over 30 countries across Africa, the Middle East, Asia, and Latin America

Initiatives are developed in close collaboration with local institutions, universities, civil society organizations, and partner communities, ensuring full alignment with national and international development cooperation priorities.

Atlas for development cooperation



The Atlas is an open access platform collecting ENEA's interventions and technological solutions for development cooperation.

Find out more in the Atlas at:



Approach and technological solutions



ENE's technologies are designed and adapted to local contexts ensuring environmental sustainability along with ease of implementation, use, and maintenance:

- Renewable energy systems for *off grid* electrification
- Water purification and reuse solutions
- Sustainable agricultural practices with low water consumption
- Production of natural fertilizers and low cost insecticides
- Sustainable construction and *nearly zero emission* buildings
- Smart, resilient, and climate neutral urban solutions
- Climate models and early warning platforms

SUSTAINABLE DEVELOPMENT GOALS



Institutional and scientific partnerships



17 PARTNERSHIPS
FOR THE GOALS



ENEA **fosters** institutional and scientific partnerships to implement projects aligned with partner countries' priorities and global sustainable development strategies.

It **collaborates** with the Ministry of Foreign Affairs and International Cooperation (MAECI), the Italian Agency for Development Cooperation (AICS), universities in Italy and abroad, international organizations such as FAO and UNIDO ITPO, NGOs, businesses, and local stakeholders.

To **strengthen** knowledge transfer, ENEA hosts students and PhD candidates from partner countries at its research centers.

ENEA is also a member of the Italian National Council for Development Cooperation (CNCS), established under Article 16 of Law 125/2014.

Organizational setup and expertise



To ensure effective project management, robust impact assessment, and reliable, sustainable responses to complex challenges, ENEA relies on the technical and managerial expertise of its departments and directorates, supported by a dedicated cross-cutting structure.

ENEA also hosts the Laboratory for Territorial and Developing Countries Impacts, which develops innovative technologies, methodologies, and solutions for monitoring, assessing, and mitigating the effects of human activities and climate change.

INFORMATION AND CONTACT:
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“ENEA is a public body dedicated to research and technological innovation, as well as the provision of advanced services to businesses, public administrations and citizens in the fields of energy, the environment and sustainable economic development.”

Law 28th December 2015, no. 22

ENEA's mission is to contribute to the competitiveness and sustainable development of Italy through research, technological development, and agency activities supporting public administration, businesses – with particular focus on SMEs – and citizens.



60

years of research and innovation



14

research centres



8

technical and administrative
directorates



17

local offices



2250

researchers, technologists, and
administrative staff



4

departments

enea.it

