

# Alliances for Development

The planet is in the midst of a profound transformation that requires a fairer and more inclusive development model. We are in a historical moment, characterised by more than two years of health emergency and a new geopolitical and energy scenario, which requires a decisive contribution to relaunching the economy and to sustainable and widespread growth. Never before has it been as decisive as it is today to prove how synergy and the sharing of skills is the key to ensuring responsible and lasting development for the next generations. As Eni's environmental company, we have identified strategic initiatives and alliances to provide an important contribution to the decisive challenges of our time, from energy transition to environmental protection and the regeneration of the limited resources in nature, continuing to promote a dialogue and a constant and transparent comparison with the territories and stakeholders.



# Alliances for the Promotion of Sustainable Development



## WHY IS IT IMPORTANT TO ENI REWIND?

With its "Dual Flag" approach, Eni Rewind promotes dialogue with all stakeholders, to ensure that environmental remediation is truly a driver for development and that it generates tangible opportunities with and for the territories where it operates. For this reason, it is essential to establish alliances and cooperation with the various stakeholders from public, private and civil society sectors. The combination of expertise, know-how and capacity for innovation with a focus on listening and inclusion allows Eni Rewind to promote a sustainable future for all, contributing to the circular economy and the energy and ecological transition.

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## POLICIES AND OTHER REGULATORY INSTRUMENTS

"Sustainability" Policy and Eni Declaration on respect for human rights

## MANAGEMENT AND ORGANISATION MODELS

Stakeholder Management System platform for the management and monitoring of relationships with stakeholders; System for the detection, mitigation and monitoring of risks related to relations with local stakeholders; Sustainability management process in the business cycle, local content, signed partnerships



## PARTNERSHIPS AND INITIATIVES WITH AND FOR THE TERRITORY

In line with National Development Plans and the UN 2030 Agenda, Eni Rewind is committed to identifying, in collaboration with institutions, associations and local stakehold-

ers, the most suitable initiatives to meet the needs of the territories in which it operates in order to improve environmental and social conditions and promote and enhance the wealth of communities. In order to ensure the transformation pathway, it is necessary to pro-

mote synergies and a 'co-creation' perspective throughout the supply chain.

In addition, the company has always been attentive to local schools and, over the years, has carried out various projects to support local students.

### Agreement to develop circular economy projects in Bahrain

Based on a logic of knowledge sharing and collaboration, a Memorandum of Understanding was signed in January 2021, with the National Oil and Gas Authority of the Kingdom of Bahrain aimed at producing joint initiatives for the efficient recovery and valorisation of water, soil and waste in the country, in line with the goals of the 2030 Agenda approved by the United Nations. A step that testifies to the willingness to consolidate alli-

ances for sustainable development, in order to share the challenge of the energy transition, for the protection of the environment and the regeneration of natural resources.

The signing of the agreement, which marks a step forward in the collaboration already initiated between NOGA and Eni in the energy sector, will help identify further areas of collaboration for the development of innovative circular economy solutions, in line with the three principles of reducing, reusing and recycling.

Eni Rewind will contribute to the partnership, making available its environmental knowhow, the experience it has gained and the best technologies to manage and regenerate water, soil and industrial waste. The initiatives covered by the agreement, promoted by the Water Resources Management Unit of NOGA, are also part of the other project proposals for environmental sustainability and the integrated management of water resources envisaged by the Bahrain government.



Food Bank - Gela

### FOOD SAFETY IN GELA

Eni Rewind, together with the other Eni entities present in Gela, signed a cooperation agreement to support food safety with the Municipality of Gela, the Banco Alimentare Foundation and the Banco Alimentare della Sicilia ONLUS. The aim is to intervene directly in the problem of access to food, reducing social vulnerability in the area and providing support for social cohesion. The project envisages Eni's direct involvement in the renovation and adaptation of the building made available by the Municipality of Gela for the creation of a decentralised headquarters of the Banco Alimentare in order to optimise and increase the collection of surplus foodstuffs, and then favour their distribution among the neediest.

The initiative will provide relief to the more than 8,000 people experiencing food poverty in the Gela territory.

This initiative is a clear example of a collaborative economy where public and private actors and associations work together with the aim of improving the living conditions of the most fragile people, while also contributing to increasing the well-being and resilience of the community.

### Eni Rewind supports the 45th Maremma Trophy rally in the Colline Metallifere

For the sixth year running, Eni Rewind has sponsored the rally competition Maremma Trophy, a sporting initiative that is very much felt and participated in by the local communities. In 2021, the race, which winds through the Colline Metallifere (Metal-bearing Hills), took place over a total distance of 250.95 km and included 9 special tests, including the "Gavorrano" named after Eni Rewind, with a dedicated prize. In Tuscany Eni Rewind, which holds concessions in some former mining and steel municipalities and owns the corresponding areas that were transferred by law to Eni, is engaged in soil and aquifer safety and remediation activities.





### Initiatives with universities and schools

Eni Rewind, at the request of the University of Turin (UniTo), organised an educational visit to Eni's Robassomero site to illustrate the results of the application of the phytoremediation technique, an activity researched by the university. The visit was preceded by a seminar held by Eni Rewind to present the activities

carried out at the site after the experimental phases, the implementation of the project and the results. To complete this, a case study of the application of phytoremediation at another contaminated site (Assiano) and the positive results achieved were illustrated. In addition, Eni Rewind also contributes to the collaboration signed by Eni Corporate University and the University of Enna

'Kore' in 2021, which envisages a Master's Degree Course in Environmental and Territorial Engineering as well as the establishment of a 2nd level university Master's Degree Course in 'Environmental Protection and Redevelopment of Industrial Areas' and a professional degree course in 'Technologies for the Built Environment and Environmental Sustainability'.

### Project UR On Air - Crotona

6 inond@ is Eni's digital education project designed for primary school children. The initiative includes the creation of a web radio, as a communication and media education laboratory, to foster dialogue with the younger generation. The industrial, environmental and cultural history of the territories is told through the narration and the fresh eyes of the students involved in a radio station created by them on a dedicated web platform.

The initiative was launched by Eni Rewind with Eni Scuola in Crotona in 2019 with an initial in-presence training aimed at getting to know and use the working and communication instruments made available to classes by the Company. The project - suspended in 2020 due to the health emergency that hit the country - has in the pupils involved the real protagonists of the initiative, who have enthusiastically created the name, logo/mascot of the web radio hosting their podcasts made during the 2021-22 academic year, tangible evidence of the bridge launched between the local young generation and the Crotona area.



### Service Learning Project with schools

Together with Eni Scuola and the Municipality of Porto Torres, Eni Rewind has promoted the R.E.T.I. project - Educational Research for an Inclusive Territory - entrusted to the Scuola di Alta Formazione Educare all'Incontro e alla Solidarietà (EIS) of the LUMSA University of Rome, with the aim of combating "educational poverty", preventing school drop-out, and strengthening the alliance between schools

and educational actors (families, educational agencies, local authorities, etc.) in order to link the educational needs of children and young people to the reality of the territory. At the heart of the project is Service Learning, an educational proposal based on experiential learning so that learners can develop their knowledge and skills through solidarity-based service to the community. For the young people of Porto Torres, the project included an educational experience organised

by the EIS and the Pontifical Scholas Occurrentes Foundation, divided into 3 workshop paths carried out with the support of a group of municipal workers and volunteers in which the students shared their visions on the reality of the city, their dreams, their needs, and drew up proposals to improve their community. The initiative ended with a public moment in which the students shared their proposals with local authorities and representatives of society and sport.



## SUSTAINABILITY INTEGRATED INTO THE BUSINESS

Integrating the principles of sustainability into remediation means identifying the best solutions in terms of environmental, social and territorial impact and ensuring the full involvement of stakeholders in the decision-making process. A commitment that Eni Rewind pursues with the aim of guaranteeing the protection of human health, the remediation of groundwater and soil aimed at their recovery and reuse by applying innovative and sustainable technologies, as well as the reduction of the carbon footprint in remediation activities.

### ASTRA - Advanced Sustainability Tool for Remediation Assessment



Eni Rewind has embarked on a project with the Ca' Foscari University Foundation to develop instruments to supplement the principles of sustainability and circular economy into its environmental activities, consid-

ering the social, environmental and economic impacts associated with the redevelopment of the areas involved.

The collaboration is developed along two main lines of research: the ERA (*Ecological Risk Assessment*) line, for the ecological risk assessment of contaminated sites, and the 'Sustainability and LCA (Life Cycle Assessment)' line, for the assessment of the sustainability of remediation measures through an integrated methodology with life cycle analysis.

The "ERA" research line resulted in guidelines for ecological risk analysis applicable to water, soil and sediment matrices potentially affected by contamination. For Eni Rewind, ERA represents a valuable decision-making process instrument for the management of contaminated sites with high ecological value, together with health risk analyses, in order to optimise the costs and time associated with remediation processes with a view to environmental protection. This is the first reference

in Italy to standardise ecological risk analysis.

The "Sustainability and LCA" research line, on the other hand, aims at developing instruments to compare remediation strategies on the basis of environmental, social and economic objectives and indicators. **ASTRA** (*Advanced Sustainability Tool for Remediation Assessment*) a decision-making instrument to support remediation planners, stakeholders and decision-makers in choosing the most sustainable technologies to apply, in line with the ISO 18504:2017 standard.

The main advantage of ASTRA, compared to other models, is that it quantifies the impact on the environment of all the activities that make up the different stages of a remediation process through the use of life cycle analysis (LCA). In particular, the project involves the development of a simplified LCA methodology, based on the principles of ISO 14040:2021, specifically for the remediation sector.

**A**dvanced



Compliant with ISO 18504:2017

**S**ustainability



Panel of internationally recognised indicators and assessment of the impact on the environment by using LCA methodology

**T**ool for



Contribution to Sustainable Development (SDGs - Agenda 2030)

**R**emediation



Allows comparison of interventions involving sets of technologies applied to different sub-areas and/or environmental matrices

**A**ssessment



Developed on corporate network