

## **Good practices and existing frameworks– Sustainability and the common home: a shared responsibility**

### **Keyword: Hospitality**

The good that already exists

#### **Practices (concrete actions currently in place linked to the keyword)**

##### **“Arnaldo Caprai: Social cohesion and integration as the foundation for quality wine”**

Arnaldo Caprai, a leading producer of Montefalco Sagrantino has transformed vineyard management into a structured employment-integration program for migrants. In collaboration with Caritas Foligno and local associations, the company offers regular agricultural contracts, language courses, vineyard skill training and support for personal autonomy (driver’s license, housing orientation).

The initiative combines oenological excellence with territorial responsibility: it enhances human capacity, strengthens community cohesion, and responds to the shortage of skilled agricultural labor. The model demonstrates how integration can become a driver of economic, social, and cultural development, generating shared value across the entire wine supply chain.

#### **Frameworks (how to measure success – indicators)**

The effectiveness of the practice is documented in the UNHCR dossier “*Welcome. Working for Refugee Integration*” (26 June 2023) and in *Forbes Italia* (13 November 2023). Based on company’s HR records and Caritas Foligno’s verifications, the two sources report the employment outcomes achieved by Arnaldo Caprai, wine producer since 2016.

#### **Indicators**

- Over 200 asylum seekers hired with regular seasonal agricultural contracts since 2016.
- More than 60% of refugee workers re-hired for subsequent harvest seasons, consolidating their employment position.

## Sources

UNHCR –Welcome. Working for Refugee Integration – Report 2024

[https://welcome.unhcr.it/wp-content/uploads/2024/11/2024\\_WELCOME\\_ENG\\_DEF.pdf](https://welcome.unhcr.it/wp-content/uploads/2024/11/2024_WELCOME_ENG_DEF.pdf)

Forbes Italy: The UN honors entrepreneur Marco Caprai: his winery is the only Italian cellar that actively promotes the inclusion of refugees.

<https://forbes.it/2023/11/13/marco-caprai-scelta-etica-imprenditore-rifugiati>

## Keyword: Desire

The good that already exists

**Practices** (concrete actions currently in place linked to the keyword)

### **“Sustainable bio-based economy: Novamont, the international leader in bioplastics and biochemicals”**

Novamont SpA, founded in Piedmont in 1990, develops safe decompose and biodegradable bioplastics and bioproducts, biodegradable cosmetic ingredients, bio lubricants, and bio-herbicides. Through a new regenerative bioeconomy model based on efficient use of plant resources and territorial regeneration, Novamont promotes the transition from a product-based economy to a system-based one, focusing on territorial value creation and on products capable of reshaping entire application sectors while reducing environmental and social impacts, especially on soil and water.

Its innovations stem from a regenerative bioeconomy model grounded in the reconversion of closed or non-competitive industrial sites, an agricultural supply chain integrated into the territory and not competing with food crops, and the development of products designed to solve specific environmental problems closely linked to soil and water protection.

### **Framework**

The effectiveness of Novamont’s regenerative bioeconomy model can be assessed through structural and research-investment indicators, reflecting the organization’s capacity for continuous industrial innovation, developing new technologies and responsible reinvestment. Impact monitoring is based on the number of proprietary technologies developed, patents registered, the share of revenue allocated to scientific research, and the percentage of personnel employed in high-innovation activities.

### **Indicators**

- 13 proprietary technologies, considered world-firsts in their application fields (e.g., compostable bioplastics, biochemicals).
- 137 patent families and approximately 1,600 active patents and patent applications.
- 5% of annual revenue reinvested in scientific research and technological development (around €15 million/year).
- 22% of company personnel employed in research, development, and innovation roles.

**Sources**

Novamont – Relazione d’impatto 2024:

[https://www.novamont.com/public/Novamont%20Relazione%20Impatto\\_2024.pdf](https://www.novamont.com/public/Novamont%20Relazione%20Impatto_2024.pdf)

## **Keyword: Respect**

The good that already exists

**Practices** (concrete actions currently in place linked to the keyword)

### **Rebuilding with respect for place – The NextAppennino Program**

After the earthquakes that struck the central Apennines in 2009 and 2016, NextAppennino was launched in 2021 as a unified revitalization tool for Abruzzo, Lazio, Marche, and Umbria. Funded by the Complementary fund that integrates the PNRR, the program combines urban regeneration, ecological transition, digital innovation, and business support.

At its core is respect for the uniqueness of each place: every intervention must enhance the mountain landscape, restore historical-cultural heritage, and adopt construction solutions compatible with the environmental identity of the Apennines. Reconstruction thus becomes a formal agreement among the State, Regions, Municipalities, businesses, and local communities to repopulate the mountains, create stable employment, and safeguard the natural and cultural heritage of the territory.

### **Framework**

The indicators used are quantitative output metrics: they directly measure the volume of employment contracts activated and the number of estimated jobs. These include absolute counts of new contracts and their percentage growth over the reference period, derived from administrative registers (COB) and a territorial input-output model validated by CRESME.

### **Indicators**

- CRESME estimates 4,631 new jobs in Abruzzo, 1,233 in Lazio, 8,521 in Marche, and 913 in Umbria, attributing the results to the collaboration between territorial regeneration and business incentives.
- Between 2021–2024, over 302,000 new employment contracts were activated in the crater area (+6.4%); the rate rises to +12.4% in the “restricted crater,” compared to a national average of +3.9%.
- Overall employment grew by +6.6% (2024 vs. 2022), outpacing the growth of the individual regions involved and of manufacturing regions such as Lombardy and Emilia-Romagna.

**Sources**

Novamont – Relazione d'impatto 2024.

[https://www.novamont.com/public/Novamont%20Relazione%20Impatto\\_2024.pdf](https://www.novamont.com/public/Novamont%20Relazione%20Impatto_2024.pdf)

## Keyword: Spirituality

The good that already exists

**Practices** (concrete actions currently in place linked to the keyword)

### **“The courage to change course: Arvedi, the global leader in green steelmaking”**

Arvedi steelworks is one of the largest industrial leaders in Italy and Europe, with annual production exceeding five million tons and over 6,400 employees. Founded in Cremona in 1963, it is now a global reference point for technological innovation, environmental sustainability, and territorial rootedness.

Among its most significant initiatives is **Arvzero**, the world’s first production of steel with net-zero Scope 1 and Scope 2 emissions. This achievement was made possible through the exclusive use of next-generation electric furnaces based on patented ISP/ESP technology, energy sourced entirely from certified renewable sources, advanced integration of circular-economy principles in production cycles, and compensation of residual emissions through VCS and GS carbon credits certified by Verra.

In July 2022, Arvedi became the first steelworks in the world to receive RINA’s “Net-Zero CO<sub>2</sub>” certification, anticipating EU targets by twenty-eight years. Its industrial strategy is pioneering, grounded in deep decarbonization, social responsibility, and continuous innovation.

### **Framework**

The effectiveness of the practice is documented by the “Net Zero CO<sub>2</sub>” certification issued by RINA in July 2022 and by company data published on Arvedi’s official website and in its sustainability report. These sources highlight results in emission reduction, environmental performance, waste upgrading and technological innovation.

### **Indicators**

- 58% reduction in Scope 1 and 2 emissions from 2019 to 2023, equal to over 900,000 tons of CO<sub>2</sub> avoided.
- 100% of residual Scope 1 emissions offset through VCS and GS carbon credits certified by Verra.
- 100% of Scope 2 emissions eliminated through renewable-energy sourcing and Guarantees of Origin (agreement with Enel X).

- Carbon intensity of 133 kg CO<sub>2</sub>/ton of steel, about 10 times lower than the European average for flat-rolled steel (2,100 kg/ton).
- Over 98% of industrial waste recycled and recovered in the production cycle – “Zero Waste” certification (RINA).
- 50% reduction in water consumption compared to conventional steel plants, thanks to closed-loop regenerative systems.
- Officially ISP/ESP technology, unique in Europe: an electric-furnace production cycle capable of producing zero-emission flat steel with high productivity and significant energy savings.

## Sources

Arvedi – Arvzero, la prima produzione net-zero Scope 1 e 2:

<https://www.arvedi.it/fileadmin/pub/Arvzero-EN-Arvedi/index.html>

RINA – Certificazione Net-Zero per prodotti piani (luglio 2022):

<https://www.arvedi.it/mondo-arvedi/news-e-media/archivio-news/dettaglio/gruppo-arvedi-lancia-arvzero-la-prima-produzione-al-mondo-di-acciaio-per-prodotti-piani-certifica/>

Symbola – «Arvedi, la prima acciaieria green al mondo a zero emissioni»:

<https://symbola.net/approfondimento/arvedi-2>