

## Environmental sustainability

Nardi designs and produces outdoor furniture tailored to people's well-being and relaxation. The company believes in a *g/local* approach: an international vision and a propensity for technological innovation go hand in hand with promoting local resources and organising production around a very short supply chain.

Working to make processes increasingly sustainable is an integral part of the Nardi philosophy and of its investments. In this regard, every year, a large percentage is dedicated to making the entire company green.

### Raw materials

#### **100% recyclable resin**

Nardi is specialised in designing and producing high-quality designer furniture in resin for outdoor use in the residential and hospitality sectors.

All its products, designed for people's well-being and relaxation, are the result of a production chain that is entirely "Made in Italy" and eco-friendly. All products, made of 100% recyclable polypropylene, have a very long life cycle. Our polypropylene is in a pure form and free from other materials. This particular feature allows it to be separated according to its colour and then re-processed during the recovery stage, making our furniture totally recyclable.

#### **OEKO-TEX® STANDARD 100**

All synthetic fabrics used by Nardi are **OEKO-TEX® STANDARD 100** certified. The latter is intended to certify manufacturers in terms of the environmental friendliness of their processes and plants. **OEKO-TEX® STANDARD 100** also guarantees the absence of harmful substances in the production process.

### Production

#### **Production facilities with low environmental impact**

All Nardi products are entirely made in Chiampo (VI), where the company has its headquarters, at three production sites. The most recent site, inaugurated in 2017, was designed using state-of-the-art technologies in terms of the company's systems and the environment. The production plant has hybrid injection moulding machines with high energy savings and a cooling system that uses external air. Hence, in the colder seasons they can be cooled without using water and consuming very little electricity. Most of the electricity is largely generated by a photovoltaic panel system. The water used in these production plants is not contaminated, and no harmful gases or fumes are released into the atmosphere.

In 2023, a new high energy-saving adiabatic system was completed in the historical production plant called Arso, thus completely eliminating water consumption and using a minimum amount of electricity. In addition, older production machinery was replaced with models that are more technologically advanced and eco-friendly.

By 2025, the installation of photovoltaic systems at all Nardi production sites will also be completed.

#### **100% of electricity from renewable sources**

As of January 2023, all Nardi factories use electricity exclusively from renewable sources, thanks to the contract signed with the company Alperia, which ensures a 100% green supply of energy produced by the Marlengo hydroelectric power plant (Merano, South Tyrol). The electricity produced in this way is certified by Guarantees of Origin (GO) issued by GSE

(Gestore dei Servizi Energetici - Energy Services Manager), a company directly controlled by the Ministry of Economy and Finance to guarantee the renewable nature of resources.

### **Continuous production cycle**

At Nardi, continuous cycle production is used in order to minimise waste due to machine downtime.

### **Zero waste**

Swarf and scrap from the processing of polypropylene are fed back into the production cycle by means of a process that grinds them.

In addition, large cutting-edge silos are used for storing virgin polypropylene and allow zero waste during the transition between the various stages.

### **The Regeneration industrial programme**

Regeneration is the industrial programme by Nardi for designing and manufacturing outdoor furniture made of plastic that is endlessly recyclable. In the catalogue, this line includes tables and extensible tables, stools, chairs, sofas and modular outdoor partitions. The programme also allows Nardi to experiment with solutions that are more sustainable and can be applied on a large scale to the entire production cycle. All steps are involved, from the concept creation of individual furniture items to their packaging.

For further information: [www.nardioutdoor.com/regeneration](http://www.nardioutdoor.com/regeneration)

### **Life Cycle Assessment**

Nardi's focus on making products with high added value that are sustainable for the environment can also be seen in the company's commitment to gradually put into place actions to improve its environmental performance thanks to LCA (Life Cycle Assessment) carried out on some of the latest collections of furniture items presented.

### **EPD certification**

Nardi is committed to investing in researching and assessing the environmental impact of some of its latest products so that the company can then implement actions to improve their performance, confirming its ongoing commitment to environmental sustainability. With this in mind, the company has obtained EPD (Environmental Product Declaration) certification for its Trill Armchair in 2022.

An EPD is a true environmental declaration, based on the life cycle assessment (LCA) of a piece of furniture, allowing objective, credible and comparable information to be communicated about the environmental performance of a product.

## **Packaging**

### **Cardboard packaging and LDPE**

All cardboard boxes for packaging contain about 75% recycled fibres and use corn starch as an adhesive.

The grey LDPE caps/bags used to protect pallets are made of 60% regenerated post-consumer material.

For the packaging of finished products, Nardi has compiled a list of all components to make it easier for end consumers to dispose of it correctly.

For further details: [www.nardioutdoor.com/packaging](http://www.nardioutdoor.com/packaging)

### **PRS pallets**

Nardi has developed a partnership with PRS Return System, a company dealing with the logistics of used pallets for transporting polymers. The agreement allows the company to collect and feed used pallets back into the production/logistics cycle, in a sufficient quantity so as to receive the PRS Green Label every year in recognition of the work carried out to protect the environment.

### **Green Dot Eco certificate**

Nardi is a member of **Der Grüne Punkt**, an internationally protected trademark and the first system in the world for recycling packaging and its use in line with a circular economy. Our participation in this packaging recycling system is confirmed on an annual basis by the Green Dot Eco Certificate, which provides scientific proof of Nardi's contribution to protecting the environment. The Green Dot Eco Certificate calculates savings in terms of CO<sub>2</sub>, the greenhouse effect and fossil resources based on the volume of packaging handled and recycled.

### **REACH**

The Nardi S.p.A. supply chain complies with Regulation (EC) No. 1907/2006 (REACH)

## **Social Sustainability**

A company is socially sustainable when its growth also has a positive impact on the local area and the community to which it belongs. Along with environmental sustainability, social sustainability is one of the main aspects of the company's strategic development, resulting in actions intended to improve the quality of work and the lives of employees. It also focuses on the needs of local communities, creating inclusive value chains wherever possible.

### **People**

The relationships, interaction and importance of the team are the basis of relations with each partner. The company is constantly striving for a positive working environment, which values each person in terms of equality and non-discrimination, and where everyone can express their full potential.

Nardi believes in ongoing training, investing in creating opportunities for joint discussion and growth, and in events for the convivial sharing of results and strategies. All achievements are the result of the commitment and work of each individual partner, each one in his/her own field, which is why the company also actively promotes company welfare policies.

### **An Italian course for foreign employees**

The company invests in various constantly developing welfare schemes. These include the launch of an Italian course for foreign employees in the workforce, offering them the opportunity to obtain certification of their knowledge of the Italian language at A2 level. This is valid when applying for an EU long-term resident's residence permit, granted for an indefinite period.

### **Flexibility in the office**

The 'Flexibility Project' was introduced to promote balance between the professional and personal life of all its office workers. Each member of the Nardi team has one fixed day a week when they can take advantage of a more flexible work schedule.

### **Team building and opportunities for convivial moments**

Personal growth and feeling part of a strong and cohesive group are core values of Nardi's strategy. Bearing this in mind, the company organises Team Building days every year.

### **Organising cultural events and visits**

Nardi organises events and visits with the participation of employees and collaborators in the field of contemporary design and architecture, a sector in which the company is involved, in order to further share areas of interest.

## **Local area**

Nardi has always believed that social responsibility and caring for others are a moral duty and a way to be an active part of the local area to which it belongs. Many partnerships with associations and non-profit organisations help those in need in various ways while many sponsorships of sports teams and associations of various disciplines involve a large number of young people at all levels.

### **Support for local associations dealing with disadvantaged groups and inclusion**

Nardi has always been attentive to the needs of the local area, participating in various ways with several associations, including:

- Il Sorriso di Angela <https://www.ilsorrisodiangela.it/>;
- Cooperativa Moby Dick <https://www.coopmobydick.it/>;
- Parish of Santa Maria Assunta and San Martino: <https://parrocchiadi-chiampo.wordpress.com/>;
- Una Mano Aiuta l’Altra: <https://www.unamanoaiutalaltra.org/>;
- La Città della Speranza: <https://cittadellasperanza.org/>;
- More specifically, Nardi is committed to including the Cooperativa Rinascere in its team of collaborators, by entrusting them with work assignments on a permanent basis: [https://www.apg23.org/it/cooperativa\\_rinascere](https://www.apg23.org/it/cooperativa_rinascere).

### **Cooperating with schools and local institutes**

The company always opens its doors to local educational institutes and schools to support the growth paths of students at all levels. Nardi employs many different approaches that are developed each time according to needs: these include funding master projects, visits to museums, participating in national awards and competitions, company visits for learning more about topics such as product design, 3D processing, packaging, production and much more.

### **Supporting sports associations and teams**

Nardi believes in the importance of sport as a training ground for commitment and human development in young people, and therefore supports various sports associations, including:

- LR Vicenza: <https://lrvicenza.net/>;
- Arzignano Valchiampo: <https://www.arzignanovalchiampo.it/>;
- ASD Chiampo Calcio: <https://www.asdchiampo.it/> (football);
- Leosport: <http://www.leosport.it/> (swimming).

### **Supporting and sponsoring cultural events**

Nardi supports and believes in the importance of culture and the emotions it arouses. In various ways, the company has therefore been supporting organisations and associations that are locally involved. These include:

- Theatre Astra: <https://www.piccionaia.org/teatro-astra-di-vicenza/>;
- Municipal Theatre of Vicenza: <https://www.tcvl.it/>;
- Lumen festival: <https://www.lumenfestival.com/>;
- Several TEDx events (Vicenza and Cortina).