ICF
SUSTAINABILITY
ACTIVITIES & COMMITMENT

Marcallo con Casone – May 16th 2023

ISO 9001

UNI EN ISO 9001 – Quality Management System certification since 1997.

The ***ISO 9001 standard*** provides specific requirements for a Quality Management System that will enhance the ability to consistently deliver products and services that meet customer, as well as statutory and regulatory, demands. The standard is based on a number of quality management principles including a strong customer focus, motivation and implication of top management, the process approach and continual improvement.

Key Benefits

- Set out the criterial for a quality management system which focuses on the effectiveness of the quality processes, helping to work more efficiently and to reduce product failure.
- Empower employees by actively involving them in improving quality management.
- Boost organizational efficiency by aligning the quality management and core business processes
- Promotes the adoption of a risk-based process approach, emphasizing the requirements, added value, process performance and effectiveness, and continual improvement through objective measurements.
- Enables greater integration with different system disciplines, such as environment, occupational health and safety, information security and others.

ISO 14001

UNI EN ISO 9001 – Environmental Management System certification since 1998

The ***ISO 14001 standard*** provides a clear management framework to reduce the environmental impacts and to ensure meeting legal requirements and building stakeholder trust. Provides a systematic approach to planning, implementing and managing an environmental management system which can deliver environmental performance improvement in line with the environmental policy commitments. Specifies requirements to proactively identify and understand the environmental aspects of activities, products and services and associated environmental impacts.

Key Benefits

- Assist to establish environmental policy and objectives and understand how significant aspects can be managed.
- Assist to implement necessary controls and set clear objectives to improve environmental performance.
- Allow to manage the obligation to comply with applicable legal and requirements and other stakeholder obligations, and to regularly check the compliance status.
- Permit a continual improvement of the management system to enhance the environmental performance and reducing the environmental impact.
- Integrate environmental considerations into business strategy

ISO 45001

UNI EN ISO 45001 – Safety Management System certification since 2009

ISO 45001 is an international standard on occupational health and safety (OH&S), setting forth requirements to build a sound management system which can reduce workplace risks and create safer, healthier working conditions considering all aspects and supports in ensuring compliance and meeting legal obligations.

Based on the well-established management principles of Plan-Do-Check-Act, ISO 45001 requires to (i) identify hazards and assess occupational health and safety risks related to operational activities; (ii) determine the necessary controls; (iii) set clear objectives and targets to improve on OH&S performance.

Key Benefits

- Third independent party certification that proves having a legally compliant system in place, and driving progress.
- Establish and continually improve an OH&S management system to eliminate or minimize risk to personnel and other interested parties exposed to hazards associated with operational activities.
- Work systematically to improve occupational health and safety performance and prevent (re)occurrence of accidents and incidents.
- Business continuity.
- Assure conformance with stated OH&S policy and demonstrate conformance to others and continually comply with applicable OH&S legal requirements.

EMAS EC Regulation

Performance, Credibility, Transparency

Eco Management and Audit Scheme compliance since 2000.

Learn More

EMAS is a voluntary environmental management tool for companies to evaluate, report and improve the environmental performance. It is based on the *ISO 14001 standard*, all the requirements of which are recalled, while the open dialogue with the public is pursued by requiring organisations to publish (and keep up-to-date) an Environmental Report in which the organisation's salient information and data on its environmental aspects and impacts are reported.

The Environmental Report is entered into the national EMAS-registers and is accessible by the Public.

Requirements

- Legal compliance with all environmental legislation, checked by a Verifier and approved by local public Authorities
- Continuous improvement of environmental performance
- Verification of the performance by a specifically accredited environmental Verifier
- Publication of key environmental data in an 3 years report, the Environment Report

Key Benefits

- Gain maximum certainty of legal compliance in the form of the environmental review, the environmental audit, and the verification activities of the environmental Verifier. The latter explicitly validates regulatory compliance – and the involvement of the competent local licensing authorities in the registration process.
- promotes the beneficial use of environmental performance indicators and fosters transparency in the measurement and evaluation of achieved improvement in a company's environmental performance.

IATF 16949

IATF 16949 – Quality Management System certification for Automotive Industries since 2019 Learn More Videoclip

IATF 16949 is the global technical specification and quality management standard for the automotive industry. It is designed to be used in conjunction with ISO 9001 and contains supplemental requirements specific to the automotive industry, and outlines everything you need to know about achieving best practice when designing, developing, manufacturing, installing or servicing automotive products. Emphasizes the development of a process oriented quality management system that provides for continual improvement, defect prevention and reduction of variation and waste in the supply chain. The goal is to meet customer requirements efficiently and effectively.

Key Benefits

- Process efficiency & effectiveness
- Customer satifaction
- Continual improvment
- Contingency planning & business continuity
- Defect prevention
- Reduction of variation and waste in the supply chain
- Product safety
- Risk management

Responsible Care®

Responsible Care® environmental commitment since 1998

Learn more

Italy Annual Report

Responsible Care® project, is a voluntary international programme that promotes the Sustainable Development of the Chemical Industry in accordance with values and behaviour aimed at protecting the environment as well as occupational health and safety. This commitment was renewed in 2021, when it joined the "**Restart with Sustainability**" project, also promoted by Federchimica, with the aim of collecting and defining circularity indicators for companies in the sector to identify opportunities for improvement and construct business models aimed at creating value through the sustainable use of resources.

Commitments

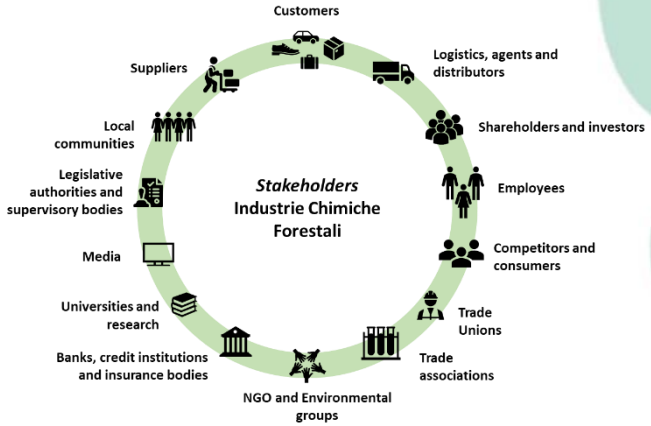
- Make continual progress towards the goal of no accidents, injuries or harm to human health and the environment from products and operations and openly report health, safety, environmental and security performance.
- Promote pollution prevention, minimization of waste and conservation of energy and other critical resources at every stage of the life cycle of products.
- Foster a culture throughout all levels of the organizations to continually identify, reduce and manage process safety risks.
- design and operate our facilities in a safe, secure and environmentally sound manner.
- Contribute to sustainability through development of innovative technologies and other solutions to societal challenges.

Sustainability Report

4th edition 2022 of ICF's voluntary Sustainability Report in accordance with the Global Initiative Sustainability Reporting Standards

Learn More

Sustainability reporting provide a balanced and reasonable representation of ICF's contributions towards the goal of sustainable development by sharing the key information and initiatives relating to environmental, social and economic aspects. The information made available allows internal and external stakeholders to form opinions and to make informed decisions about our contribution to the goal of sustainable development.



Benefits

- Better Understanding of Opportunities and Risks.
- Enhanced Business Ability to Comply with Laws; easy to meet the changing policies and regulations.
- Reducing the Risk of Governance and Environmental Failures through the ability to enhance operating efficiency and cut down the risk of failure by pointing out key performance indicators(KPIs) and a monitoring schedule.
- Building stronger relationships with Stakeholders.
- Enabling all Stakeholders to understand the intrinsic value of the company, including both the *tangible and intangible assets*.

Global Recycle Standard®

INDUSTRIE CHIMICHE FORESTALI S.P.A.
IS GRS CERTIFIED BY ICEA
ICEA- TX- 1467

The Global Recycle Standard (GRS) certification addresses the need to provide a third-party verified environmental statement that proves the recycling content of their products (both intermediate and finished) compliance with environmental and social criteria.

All products can be certified according to the GRS standard if they are composed of at least 20% recycled materials.

The GRS has additional aims:

- Reduce the harmful impact of production on people and the environment.
- Provide assurance that products are processed in a more climate-friendly way.
- Encourage higher proportions of recycled content in products.

Tracing recycled inputs from source to store.

Recycled material verification
Materials are verified to meet the ISO definition of “recycled”. Both pre-consumer and post-consumer material is accepted.

Responsible production
GRS certified sites are required to meet strict social and environmental requirements. Chemicals with harmful potential aren’t allowed to be used on GRS products.

Chain of custody
Certification makes sure the identity of the recycled content is maintained from feedstock to final product. Learn More

Credible certification
A professional, third-party certification body audits each stage in the supply chain.

Forest Stewardship Council®

FSC® product line certification since 2020 Videoclip

The ***Forest Stewardship Council (FSC®)*** is an international, non-governmental organisation dedicated to promoting responsible management of the world's forests; the certification system is designed to ensure that the FSC-labelled product comes from a responsibly managed forest and supply chain. Learn More

The FSC Chain of Custody (CoC) system allows the tracking of FSC certified material from the forest to the consumer. It is a method by which companies can show their commitment to the environment and responsible forest management. How it works

Key Factors

- Zero deforestation
- Safeguarding of ancient and endangered forests
- Fair wage and work environment
- Biodiversity preservation
- Community rights, including the rights of Indigenous Peoples.

Enhancing the FSC's value

- Supporting biodiversity
- Storing carbon
- Purifying water
- Regenerating soil
- Providing recreation.

OK-Biobased

OK-Biobased certification since 2020

The ***OK-Biobased*** certification is an independent, high-quality guarantee of the renewability of the raw materials used in the manufacture of a product.
Based on the percentage of renewable raw materials determined (% bio-based), the product can be certified as one-star-bio-based, two-star-bio-based, three-star-bio-based or four-star-bio-based.

videoclip

Key Highlights

- The use of these green products and bio-based materials can replace materials like chemicals and petroleum, thus cutting greenhouse gas emissions
- Bio-based products are derived from plants and other renewable agricultural, marine, and forestry materials
- Bio-based materials offer better recyclability than fossil-based options and may also result in a reduced carbon footprint
- Bio-based products can be considered climate-neutral. Bio-based products help reduce the dependence on fossil fuels, a finite resource. Bio-based products can also help tackle social issues, creating employment and rural development.

OEKO-TEX Standard 100

OEKO-TEX Standard 100 (analysis) product line compliance since 2020

Products line compliance through laboratories analysis according to STANDARD 100 by OEKO-TEX® that prove textile products and their accessories do not contain or release substances hazardous to human health above the limits set in the Standard. The possible presence and/or release of harmful substances (pesticides, heavy metals, carcinogenic aromatic amines, formaldehyde, allergenic dyes, polycyclic aromatic hydrocarbons, VOCs, etc....) in raw, semi-finished and finished textile products are tested by independent laboratories

Learn more

Key Highlights

- OEKO-TEX® has issued a general ban on the use of perfluorinated and polyfluorinated alkyl substances (PFAS/PFC) in textiles, leather and footwear for the STANDARD 100
- The verification criteria and limit values are far more demanding than the nationally and internationally valid parameters
- Oeko-Tex textiles and fabrics are certified free of harmful chemicals and are safe for human use. Organic certification means that textile and fabric products are grown according to strict guidelines on the use of petroleum based fertilisers, pesticides and synthetic products

GOTS Certification

GOTS textile certification since 2016

CERTFIED BY ICEA
GOTS-11118

GOTS certification ensures and evaluates the processing and manufacturing of textiles on the basis of both, environmental and social criteria. This means assessing everything from the chemical inputs being used to the ethical treatment of workers.

GOTS certification ensures full traceability from field to finished product starting with the certified organic raw material allowed and continuing through the next stages of processing; spinning, weaving and knitting,wet-processing, manufacturing, packaging, labelling, and trading, all the way to the final distribution of organic textile products.

Learn More

Key Highlights

- Sets requirements concerning working and social conditions that are equivalent to those of leading social sustainability standards. GOTS social criteria must be met by all processors, manufacturers and traders
- Prohibits the use of the kinds of chemicals commonly used in textile processing that can cause cancer, birth defects and other serious illnesses
- Workers are not exposed to toxic chemicals when working with GOTS-certified inputs and practices
- Ban on child and forced labour
- Have in place system to address social concerns such as grievances

Benefits

BCI Certification

BCI certification since 2016

videoclip

Better Cotton Initiative (BCI) , a global not-for-profit, is the world's largest cotton sustainability programme. BCI aims to transform cotton production worldwide, by addressing the negative impacts of cotton growing and processing.

BCI farmers receive training on how to use water efficiently, care for the health of the soil and natural habitats, minimise the impact of harmful crop protection practices, preserve fibre quality and apply decent work principles. BCI also promotes use of better irrigation practices with farmers, as well as reducing the use of fertilizers

Learn More

Farmers Requirements

- Minimise the harmful impact of crop protection practices
- Use water efficiently and care for availability of water
- Care for the health of the soil
- Conserve natural habitats
- Care for and preserve the quality of the fibre
- Promote Decent Work

Life Cycle Assessment (LCA)

LCA environmental impact study is a process of evaluating the effects that a product has on the environment over the entire period of its life thereby increasing resource-use efficiency and decreasing liabilities. LCA was finalised in 2019-2020 and included the entire production chain, including raw materials, of our range of ***extruded and impregnated fabrics*** (toe-puff, counters and reinforcements) by assessing the environmental impact per square metre of our fabrics. LCA's key elements are: (1) identify and quantify the environmental loads involved; e.g. the energy and raw materials consumed, the emissions and wastes generated; (2) evaluate the potential environmental impacts of these loads; and (3) assess the options available for reducing these environmental impacts.

Learn More

Impact Categories

- Greenhouse effect_GWP_{100}
- Ozone Depletion
- Acidification
- Eutrophication
- Photochemical Oxidation
- Depletion of abiotic resources – minerals and metals
- Depletion of abiotic resources – fossil fuels
- Water consumption

EPD® Certification

The ***Environmental Product Declaration (EPD®)*** is a certified declaration that provides environmental data on the life cycle of products (LCA) in accordance with the international standard ISO 14025.
ICF will be the first company in the world in the footwear sector to obtain EPD certification for toe caps, counters and reinforces *by the end of 2023*.

On the basis of its own LCA study, in 2022 ICF introduced within the Product Category Rule (PCR) “Fabrics” specific standards for environmental studies on textiles and impregnates, according to ISO 14025 on Type III Environmental Labels and Declarations, in terms of calculation rules, construction scenarios and EPD contents.

Specifically, the PCRs, used as a complement to the General Product Instructions (GPI), set out both the requirements for carrying out studies on the environmental performance of products and the standard to be followed to calculate these impacts with respect to a given physical sample, thus ensuring that different LCA analyses can be compared.

Certified Products' Matrix

PRODUCT FAMILIES	PRODUCT	GRS	% of Recycled Material	Biodegradability	FSC	OK-Biobased	Remade in Italy
LUMINE	LUMINE S 60 T GRS	21%		YES		in progress	
	LUMINE H 80 T GRS	24%		YES		in progress	
	LUMINE M 100 T GRS	22%		YES		in progress	
	LUMINE H 120 BTS	24%		YES		in progress	
MORELAST	MORELAST 15 T GRS	21%					
	MORELAST 25 T GRS	20%					
FLEXOTEX	FLEXOTEX 200 BTS GRS	20%					
	FLEXOTEX 270 BTS GRS	21%					
RICICLI	RICICLI 208/00	27%	36%				in progress
	RICICLI 208/0W	22%	30%				in progress
	RICICLI 210/00	27%	36%				in progress
	RICICLI 210/0W	23%	31%				in progress
	RICICLI 214/00	30%	39%				in progress
	RICICLI 214/WW	24%	32%				in progress
FOREBIO PRIME	FOREBIO PRIME 70/LL				YES	YES - 60% - 80%	
	FOREBIO PRIME 90/LL				YES	YES - 60% - 80%	
	FOREBIO PRIME 100/LL				YES	YES - 60% - 80%	
	FOREBIO PRIME 120/LL				YES	YES - >80%	
FOREBIO PRIME WHITE	FOREBIO PRIME WHITE 70/0L				YES	in progress	
	FOREBIO PRIME WHITE 120/LL				YES	in progress	
FOREBIO	FOREBIO NUVOLA G1L 00 GRS	58%					
	FOREBIO NUVOLA G1L 0T3 GRS	43%					
	FOREBIO CANAPINA G1L 00 GRS	68%					
	FOREBIO CANAPINA G1L 0T3 GRS	54%					
	FOREBIO DRILL 315 00 GRS	43%					
	FOREBIO DRILL 315 0T3 GRS	37%					
	FOREBIO DRILL 370 00 GRS	53%					
	FOREBIO DRILL 370 0T3 GRS	46%					

Certified Products' Matrix

PRODUCT FAMILIES	PRODUCT	GRS	% of Recycled Material	Biodegradability	FSC	OK-Biobased	Remade in Italy
FLEXAN DINAMICO	FLEXAN DINAMICO 32/0P GRS	60%					
	FLEXAN DINAMICO 42/0K GRS	63%					
	FLEXAN DINAMICO 42/0P GRS	67%					
	FLEXAN DINAMICO 42/PP GRS	57%					
	FLEXAN DINAMICO 52/0K GRS	68%					
	FLEXAN DINAMICO 52/0P GRS	72%					
	FLEXAN DINAMICO 52/PP GRS	63%					
	FLEXAN DINAMICO 62/0K GRS	72%					
	FLEXAN DINAMICO 62/0L GRS	74%					
	FLEXAN DINAMICO 62/0P GRS	76%					
	FLEXAN DINAMICO 62/PP GRS	67%					
	FLEXAN DINAMICO 72/0P GRS	79%					
	FLEXAN DINAMICO 112/0K GRS	83%					
	FLEXAN DINAMICO 112/0P GRS	85%					
	FLEXAN DINAMICO 132/0P GRS	87%					
FLEXAN SPORT SERIE 0	FLEXAN SPORT 40/0P GRS	59%					
	FLEXAN SPORT 50/0P GRS	63%					
	FLEXAN SPORT 60/0P GRS	66%					
	FLEXAN SPORT 70/0P GRS	68%					
FLEXAN XS	FLEXAN XS 55 GRS	45%					
	FLEXAN XS 65 GRS	46%					
	FLEXAN XS 75 GRS	47%					

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Learn more about ICF's Sustainability