



Baraldi  
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# Sustainability Report

2022

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# Sustainability Report

2022





**Baraldi**

**T H E   N E X T   R E L E A S E**

## Company profile

**GRI 2-1, GRI 2-2, GRI 2-6, GRI 2-7, GRI 2-12, GRI 2-25,  
GRI 3-3**

**MotulTech-Baraldi** is the division of the Motul group, specialized in the research and production of the entire range of lubricants and systems for their correct application in the field of die casting and extrusion of light alloys. In order to provide effective solutions to the needs of customers and professionals involved on a daily basis in the Aluminium industry, MotulTech-Baraldi combines the high technology of its lubricants with a technical approach scientific oriented to the continuous optimization of all industrial processes for the processing of aluminum products. This synergistic and interdisciplinary approach is Aluminium Way.

This report concerns the Baraldi Italian office, located in **via Lombardia, 2/I, 2/L Osteria Grande, Castel S. Pietro (Bo).**



# Sustainability Report 2022

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“

*Save the water, save the energy, save the costs.*

**Luca Baraldi**

President Baraldi Srl





## Reporting Information

GRI 2-3 • GRI 2-4 • GRI 2-5

The company **issues a report on its sustainable development performance.**

The publication began in 2022 and will be continued annually. During the reporting period, there was no need to restate the information from the previous year's report.

The Sustainability Report was prepared in accordance with the GRI Sustainability Reporting Standards, defined in 2016 by the Global Reporting Initiative (GRI Standards) and updated to 2021, in association with the **Sustainability Accounting Standards Board (SASB)** for the definition of material issues.

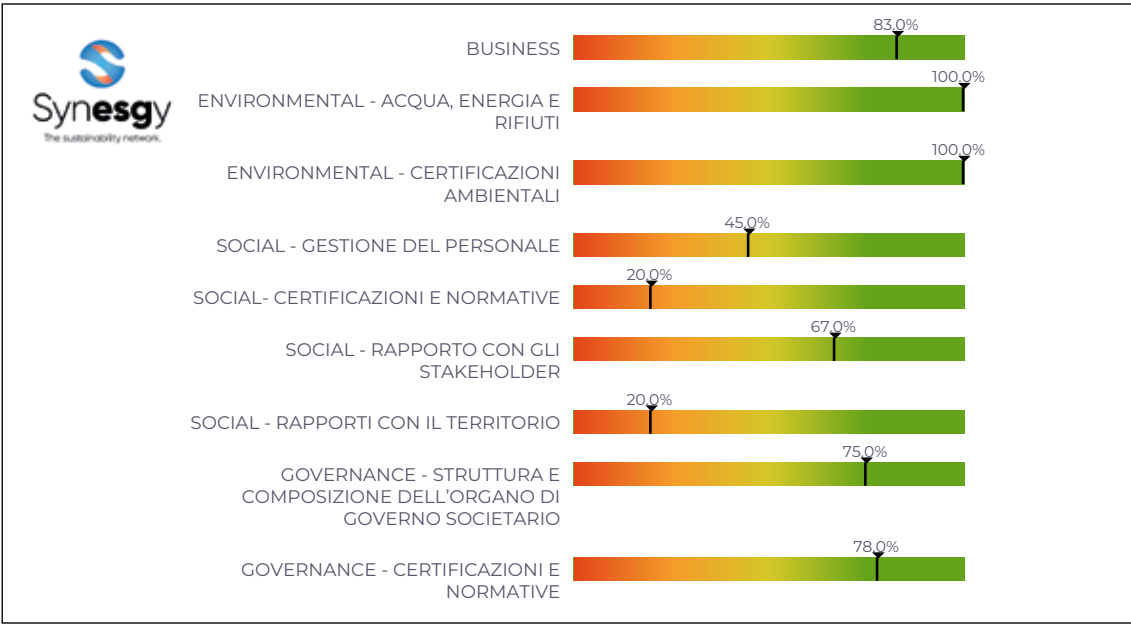
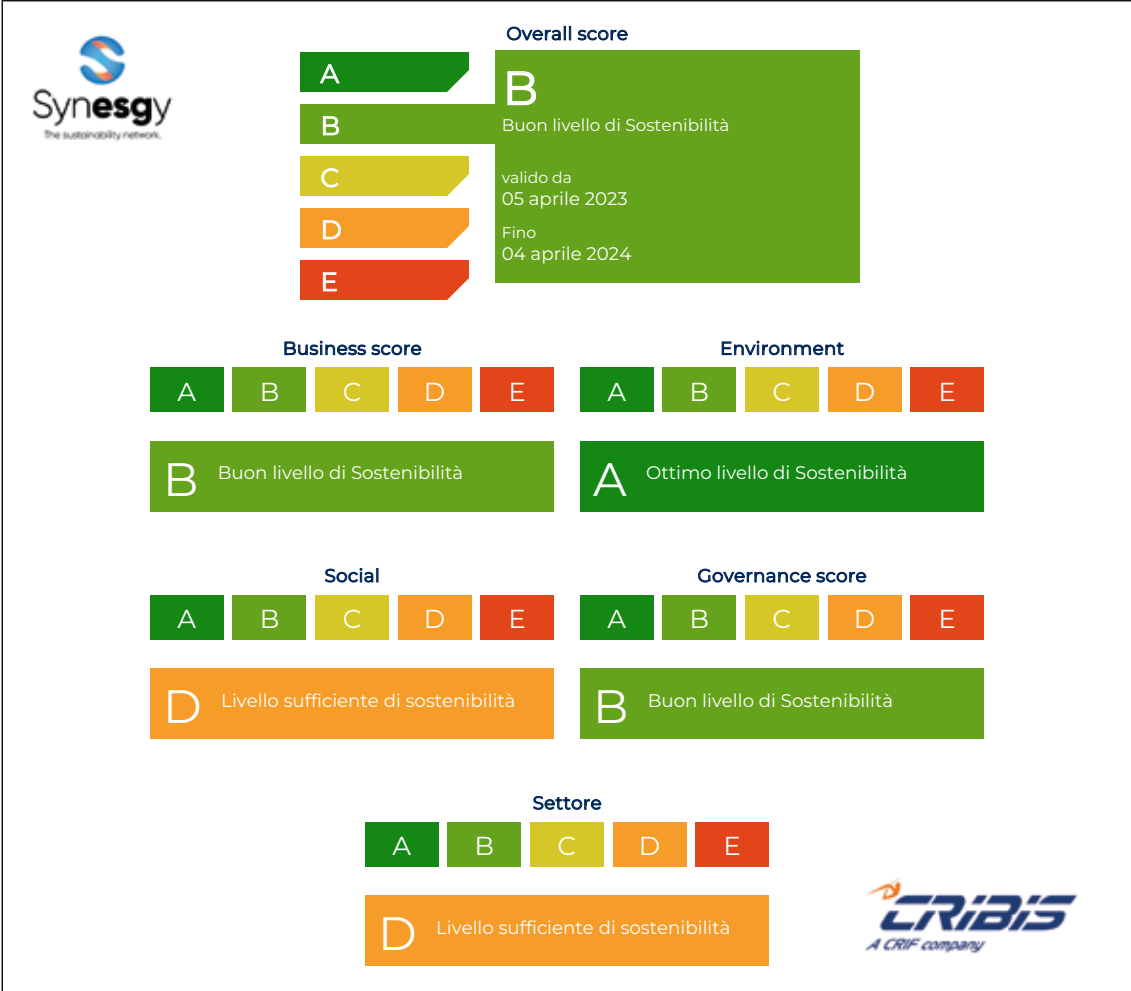
This report has been audited by the controller designated CRIF/CRIBIS according to the principles and indications contained in the **ISAE3000** (International Standard on Assurance Engagement 3000 - Revised) of the **International Auditing and Assurance Standard Board** (IAASB).

This report was prepared in reference to GRI by ESG-View ([www.esg-view.com](http://www.esg-view.com)).

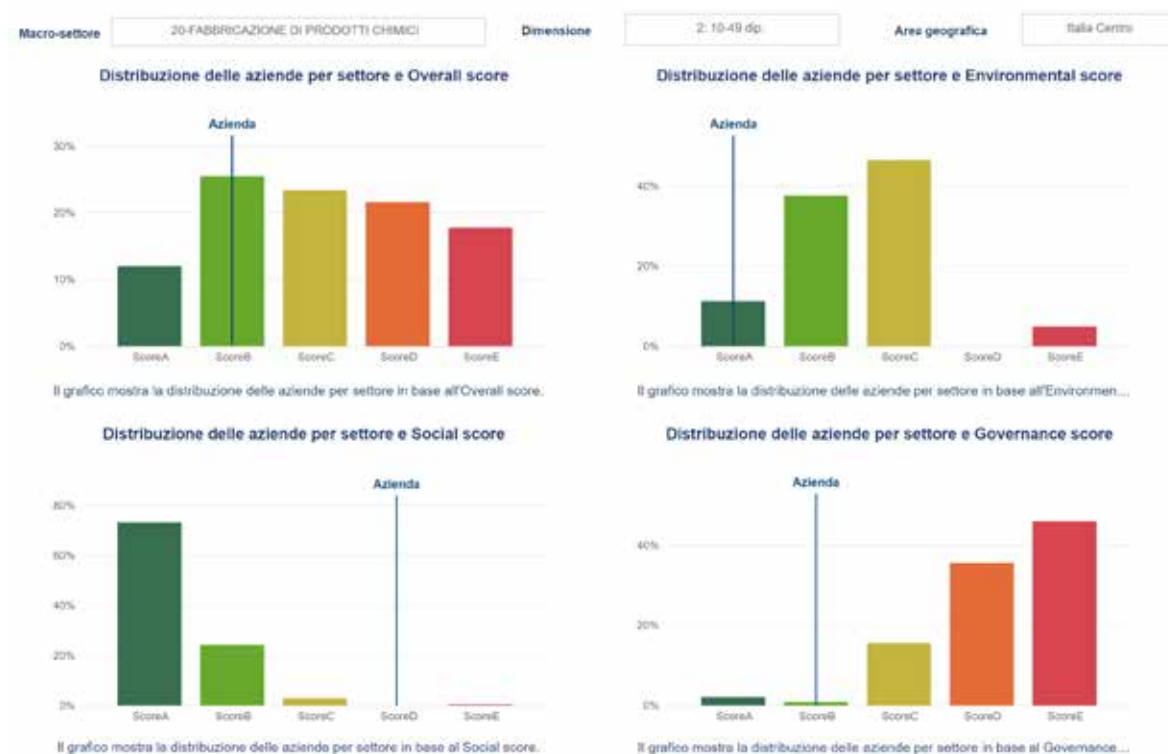
- ✓ **GRI Sustainability Reporting Standards**
- ✓ **Sustainability Accounting Standards Board (SASB)**
- ✓ **ISAE3000 International Auditing and Assurance Standard Board**

This declaration is published on the **MotulTech Baraldi** website, at [www.baraldi.com](http://www.baraldi.com)  
Please contact [tech-service@baraldi.com](mailto:tech-service@baraldi.com) for more information.

The **report** is the result of a survey administered at **MotulTech Baraldi** on 04/05/2023 by Synesgy.  
The present report refers to the period from 1/1/2022 to 31/12/2022.  
You can consult the report at the following URL [www.synesgy.com/it](http://www.synesgy.com/it)



## Benchmark statistics



## Why was it important for MotuTech Baraldi to fill in the Synesgy questionnaire?

- ✓ It has allowed the company to create a virtuous circle with its customers, suppliers and all stakeholders
- ✓ This questionnaire can be used in all recognised banking circuits, since it is based on international measuring instruments (GRI)
- ✓ Datas are shared in real time
- ✓ It relies on a platform that allows data collection in a few moments
- ✓ It has been released by CRIF, an internationally recognized player
- ✓ This allows for the automatic generation of this report thanks to integration with the ESG-View platform



# Stakeholder Engagement

GRI 2-29

## The purpose for Stakeholder Engagement

The goal of strengthening a sustainable business model involves, in addition to managing and improving environmental and social impacts, also the need for dialogue and engagement with stakeholders. The ability to understand and evaluate the needs and expectations of stakeholders assumes particular importance in the perspective of sharing a common value aimed at improving the impact, quality, and efficiency of company services and, at the same time, the well-being of stakeholders who directly or indirectly relate to the company.

Thanks to the listening/engagement activities towards various stakeholders and local actors, it is possible to create the conditions to guide the company's sustainability strategies, defining objectives in the common interest. **MotulTech Baraldi** has identified stakeholders and their activities, defining the level of involvement considering the functions and tools of engagement and dialogue. **MotulTech Baraldi's** relationship system with its stakeholders includes activities, tools, channels, and modes of involvement that take into account the different profiles and needs of stakeholders and the overall structure of the institutional system.

Stakeholder	Functions involved	Expectations	Activities	Engagement tools	Response
<b>Company: Investors and partners</b>	Directions, General Affairs, Commercial Area, Communication, and PR	Quality standard sharing, service and activity planning, impact and result comparison	Several meetings throughout the year	Meetings, presentations, communication exchanges, surveys on environmental sustainability topics	Presentation of projects, plans, reports, and budgets
<b>Employees and union representatives</b>	HR	Sharing values, goals	Meetings and activities, scheduled meetings with union representatives	Assemblies, training sessions, dedicated meetings, refreshment areas, dedicated surveys, observatory	Union agreements
<b>Clients</b>	Sales department	Greater understanding of expectations	Planned meetings and activities throughout the year	Customer satisfaction surveys, newsletters, meetings, and surveys on environmental sustainability topics	Presentation of survey results
<b>Suppliers of goods and services</b>	Purchasing	Wide demand guarantee	Several meetings and contacts throughout the year	Selection procedures, exchange of documentation, meetings	Contractual agreements
<b>Institutions</b>	Directions	Compliance with rules and regulations, contract compliance and regulatory updates	Periodic meetings	Meetings and exchange of communications also in relation to regulations provided for in contracts	Reports, investigations, and balances
<b>Banks and financiers</b>	Management	Economic, financial, and equity solidity and sustainability	Non-periodic meetings, but aimed at specific projects	Meetings and exchange of communications	Analysis reports, commercial agreements
<b>Local communities and collectives</b>	Communication and PR	Creation of shared value	Various analysis and comparison activities	Communication and marketing campaigns	Events, open spaces, initiatives open to the public





## SDGs: UN Goals of Sustainable Development

On September 25th 2015, the Governments of **193 UN member countries** signed the **2030 Agenda for Sustainable Development**. An action program approved by the UN General Assembly, which includes 17 specific Objectives for Sustainable Development, framed within a broader action program that includes a total of 169 targets. The 17 goals engage governments and nations, as well as individual businesses. ESG principles reflect what companies need to do.

The Synesgy questionnaire allowed Baraldi to map materialities in the field of sustainability. These actions have highlighted the most relevant facts achieved in the year of reporting and provide **MotulTech** stakeholders with an immediate, but above all certified - because it meets internationally recognized parameters – overview of its activities.

The path of awareness initiated by **MotulTech** highlights its virtuous intent, as evidenced by the agreement of its actions with 14 of the 17 parameters sdgs (Sustainable Development Goals) recognized by the United Nations.



### 3 - GOOD HEALTH E WELL-BEING

Ensure healthy lives and promote well-being for all at all ages.



### 4 – QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.



### 5 – GENDER EQUALITY

Achieve gender equality and empower all women and girls.



### 6 – CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all.



### 8 - DECENT WORK AND ECONOMIC GROWTH

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.



### 9 – INDUSTRY, INNOVATION AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.



### 10 – REDUCED INEQUALITIES

Reduce inequality within and among countries.



### 11 – SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient and sustainable.





## 12 – RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure sustainable consumption and production patterns.



## 13 – CLIMATE ACTION

Take urgent action to combat climate change and its impacts.



## 14 – LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development.



## 15 – LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.



## 16 – PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.



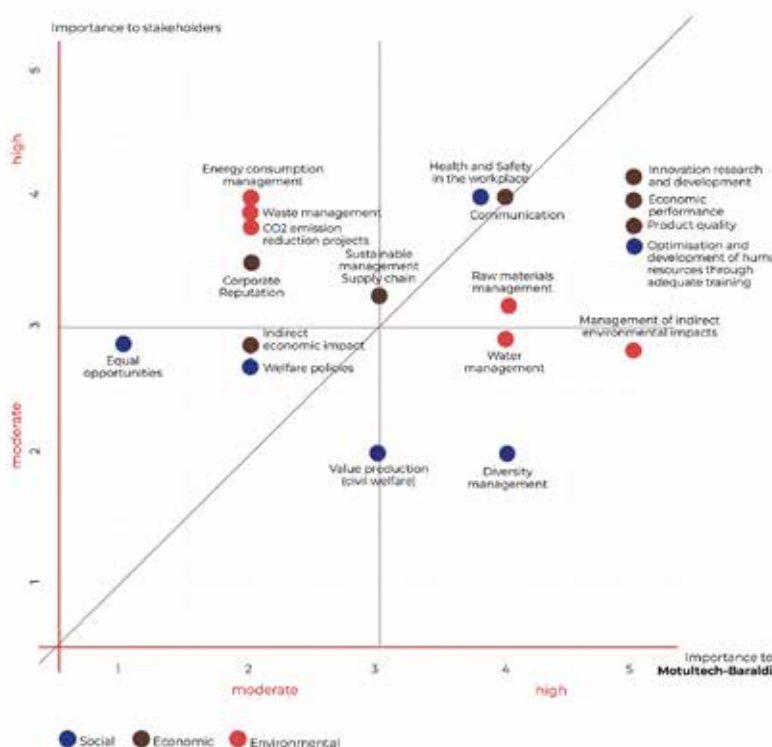
## 17 – PARTNERSHIP FOR THE GOALS

Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development.

The mapping of the issues thanks to Synesgy and the 26 materialities, traceable to the ESG areas, based on this emergence, has started a real path of awareness that involves, through multiple channels of communication, all stakeholders.

## The objectives that MotulTech is pursuing

In 2023, the stakeholder engagement activity already activated by **MotulTech Baraldi** will continue, also based on what emerged from the Synesgy questionnaire. Thanks to the materialities identified by the Company and following a fine tuning activity, it will be possible to activate a **survey** that will involve the stakeholders of **MotulTech Baraldi**, to arrive at the drafting of a series of materiality maps that will guide the company's **communication** in the coming years, in order to create shared value among the entire company ecosystem in terms of environmental, social and economic sustainability.



Survey



Scan QrCode







# Environment



# Management of environmental impacts

GRI 2-24 GRI 2-25 GRI 3-3 GRI 307 GRI 403-1

Organizations can be involved in impacts either through their own activities or because of their business relations with other entities.

Identifying the impacts it causes, as well as those that contribute to and are directly related to its activities, products or services through a business relationship is critical for the company.

In this context, the virtuous company is the one that highlights these impacts and identifies strategies to avoid, mitigate, remedy the negative effects or further improve the positive ones.

The company monitors its environmental sustainability performance with specific quantitative indicators.  
 The company carries out its business, applying a system for environmental management.  
 The company presents nationally or internationally recognised third-party environmental certifications.  
 The company holds the UNI EN ISO 14.001 certification (environmental management).  
 The company complies with the regulatory requirements of additional environmental impact assessment tools, in particular the Life cycle assessment.



The company adheres to specific protocols for the management of chemicals.  
 The company adheres to specific protocols for the management of chemicals such as Reach Regulation and CLP.  
 The company presents safety management procedures for major accident risk prevention (RIR): The assessment uses criteria for the classification of vulnerable environmental elements.



Company introduces safety management procedures for major accident risk prevention (RIR): Criteria are used in the assessment to identify the method of analysis to be applied for the assessment of the environmental consequences of a major accident.

Investments in Research and Development are also aimed at the implementation of systems to develop non-toxic substances and less dangerous to the environment.

Investments in Research and Development are also aimed at the implementation of systems to reduce the environmental impacts of production.

The company is able to independently monitor (without the intervention of third parties) the pollutants: it partially monitors only the pollutants released into the water/ only emissions of greenhouse gases.

The company is able to recognize which part of the life cycle of its products represents the greatest source of impacts on the environment.

## Materials

### GRI 301-2 GRI 301-3

The company's attention to the materials used and their impact on the environment is of primary importance, not only for the production phase of the products, but also throughout the life cycle of the product itself.

In the production process, the company uses recycled or reused raw material.

As part of the activities carried out, practices and procedures are adopted to ensure the recycling/ recovery of waste through the reuse of waste material or third parties.

The company's products need packaging.



## Energy

### GRI 302-1 GRI 302-4

The energy consumption for the company, associated with the forms of rationalization, is a fundamental parameter to describe the impact that this has not only in terms of efficiency, but also in terms of impact on the environment. The monitoring system in terms of energy used/ distributed/ saved allows the company to identify the areas in which it is most necessary to intervene for a better rationalization of resources, with a view to an ever better strategy for its efficiency.

The company has an electricity consumption of 179 MWh.

The company has in place electricity supply contracts with only renewable sources.

In the last 5 years, the company has implemented energy efficiency measures.

Energy efficiency was achieved in 2020/2021/2022.



The value of energy efficiency was 93,383 €.

The company estimated the percentage of consumption reduction compared to the year before the efficiency measures.

The reduction in energy consumption is 72%.

# 93.383

## Euro

### Investment in energy efficiency



## Water and water discharges

**GRI 2-25 GRI 303-2 GRI 303-3 GRI 303-4 GRI 303-5**

The sustainable management of water resources is of fundamental importance for the environmental impact of the organization, considered as a shared asset and to be preserved.

Working with stakeholders in this context is essential for the organization, so that water resources are managed sustainably as a shared asset and to take into account the needs of other users of the river basin. Working with stakeholders, the organization can define collective goals for water use, increased investment in infrastructure, policy advocacy, capacity building and outreach.

It is therefore important, in this context, to involve every stakeholder, starting from the closest and more internal - employees, non-employee workers, consultants, suppliers - for the sharing of best practices in terms of rationalization of water resources and better use and exploitation of them.





The water consumed in one year by all the company headquarters is 3,507 m<sup>3</sup>.

The company complies with the regulatory requirements of additional environmental impact assessment tools, in particular the Water Footprint.

The company uses applications and technologies that enable data analytics (e.g. analysis of energy and material consumption data) and diagnostics (e.g. monitoring of machine functionality) by recording the amount of water consumed and/or reused.

The company exercises control over the destination of the wastewater it produces during the production processes.

The main source of water is produced (e.g. water produced during the production cycle as a result of extraction, processing or use of raw materials).

The main sources of water collection concern third-party water (e.g. Integrated Water Service Managers and waste water treatment plants, etc.).



# 3.507m<sup>3</sup>

## Water consumption

## Emissions

**GRI 2-25 GRI 3-3 GRI 305-1 GRI 305-5**

Direct or indirect GHG emissions, emissions of other gases toxic to ozone layer and their monitoring, as well as actions to reduce them, confirm the organisation's attitude towards reducing its production impact on the ecosystem.

Direct emissions are also influenced by **energy sources owned or controlled by the organization**, such as electricity generation, heating, cooling and steam, as a result of the combustion of energy sources.

This statement reflects the importance of monitoring the company's emissions and the importance of contributing to the ever greater efficiency of energy resources conditioning the levels of emissions into the air.

**The company measures company emissions related to air pollution.**

**Total SCOPE 1 GHG emissions (direct emissions) are 123 tCO<sub>2</sub> eq.**

The percentage of GHG reduction compared to the previous year is 2%.

The company is equipped with:

- ✓ 1 Hybrid vehicle
- ✓ 1 Natural Gas vehicle
- ✓ 4 vehicles Diesel

The company complies with the regulatory requirements of additional environmental impact assessment tools, in particular the Carbon Footprint.



## Waste

**GRI 306-1 GRI 306-2 GRI 306-3**

In the frame of GRI Standards, the environmental dimension of sustainability refers to an organization's impacts on living and non-living natural systems, including soil, air, water and ecosystems.

The issue of waste that can be generated by the main activities of the company is grafted perfectly into this context. But it has to be specified as well that waste may also be generated by upstream and downstream entities in the value chain of the organization.

As a result, waste may have significant negative impacts on the environment and human health if mishandled.

**The total waste produced by the company over the last year is 74 tons.**



**The company  
is committed  
to reducing  
waste at sea.**

**The company in its premises carries out separate collection:**

- ✓ paper,      ✓ glass,
- ✓ plastic,    ✓ computer equipment.

The company has medium/long-term objectives regarding the production, even indirect, of waste: in particular, the objective of reducing them.

The company has medium/long-term objectives regarding the production, even indirect, of waste: in particular, it aims to reduce those deriving from its products (e.g. reduction of packaging complexity, use of recyclable material).









**People**



## Employment

**GRI 2-7 GRI 2-24 GRI 2-25 GRI 2-30 GRI 3-3 GRI 401-2 GRI 403-1 GRI 403-2 GRI 403-9 GRI 405-1 GRI 405-2 GRI 406-1**

It is essential to understand the organisation's approach to employment and job creation, as well as to the recruitment, selection and retention of staff, and related practices, including the working conditions it offers. Contractual stability for the employees, related to internal welfare policies, is a fundamental element in the organisation's ability to achieve high productivity performance.

An appropriate working environment that promotes social inclusion and work-life balance, enhances diversity and offers equal opportunities, accompanied by welfare instruments, improves the performance of the company and strengthens the capacity of the organization to adapt to extraordinary events.

The company monitors its sustainability performance with specific quantitative indicators: it monitors the performance related to social management (including employee management).

The company carries out its business, applying a system for the management of the safety and health of its employees.

EMPLOYEES	Number of Women	Number of Men
Managers	0	1
Middle Managers	0	4
Employees	10	6
Workers	0	7
Internships	0	1
Average pay	30.000€	34.000€

The percentage difference in annual basic wages by occupational category most represented between men and women is 12%.



The average age of employees is between 30 and 50.

The percentage of the total number of employees with fixed-term contracts is 10%.

The percentage of total employees with part-time contracts is 3%.

The percentage of employees of internships/internships activated in the last year is 3%.

The company has recruited, out of the total staff, 3% of employees belonging to the protected categories ex 68/99 or disadvantaged subjects ex L.381/91.

Accidents in the current year are less than 3.

Accidents last year were less than 3.

Accidents two years ago were less than 3.

In total, less than 10 days were lost in the current year in cases of accidents involving temporary incapacity for work.

In total, less than 10 days were lost last year for accidents involving temporary incapacity for work.

The total number of days lost, two years ago, for accidents involving temporary incapacity for work was less than 10.

The average total number of hours worked in the last year was 44,338.

The company applies the CCNL CHEMICAL PHARMACEUTICAL 2022.

The company publishes on its website the EDI policy covering discrimination based on gender, race, religion, sex or sexual orientation.

The link to which the company's EDI policy is published is within the code of ethics.

The company applies additional internal policies and/or procedures, complementing the Standard Protocols, to ensure the health and safety at work of its employees by monitoring performance with control and audit activities.



The company, in terms of welfare, makes available to its staff:

- ✔ Productivity bonuses,
- ✔ Hourly flexibility/smartworking,
- ✔ Agreements with local authorities (fuel vouchers/shopping vouchers/discounts).

The company applies additional internal policies and/or procedures, complementing standard protocols, to ensure the health and safety at work of its employees.

The company applies additional internal policies and/or procedures, complementing the Standard Protocols, to ensure the health and safety of its employees by defining rules for the division of work phases in order to reduce the risks of interference.

## Training

### GRI 403-5 GRI 404-1

The development and maintenance of professionalism and skills are conditions that allow companies to pursue their strategic objectives of creating value to the organization.

**The number of hours devoted to training courses during the last year is 1,264.**

**During the year, among the main topics of the training provided was the theme:**

- ✔ Environmental,
- ✔ ADR management, specific training.

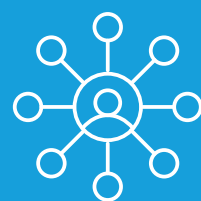
The company applies additional internal policies and/or procedures, complementing the Standard Protocols, to ensure the health and safety at work of its employees by investing in training and staff awareness.











## Network & Territory





## Local Community

**GRI 408-1 GRI 409-1**

The integration of society with the local community, through the implementation of initiatives that literally open the doors of the productive reality to residents, is certainly a strong point and in progressive development to limit/improve the impacts that the company has on the surrounding area. In fact, the relationship that the company establishes with the territory in which its headquarters and its operational area are located becomes fundamental, in the perspective of creating shared value, in order to implement that exchange of expectations, experiences, suggestions that inevitably influence the growth strategies of the company itself and reduce/improve its impact on the community.

Therefore, the relationship that the company establishes with local communities is important, in such a way that the community does not have to suffer from its operations, but becomes a real actor with a strong capacity to influence operational and development choices.



The company publishes its human rights management policy on its website.

## Customer relations

**GRI 2-25 GRI 3-3**

In terms of customer relations, it is of great importance how the **company considers the impacts on the health and safety of its customers**, starting from the products and services that it realizes and how these impacts are evaluated in the different phases of the **life cycle of its activity**, from the development of the product concept, to the research and development phase and eventual subsequent certification.

The same impact must be sought in the **stages of construction**, then manufacturing and production, but also in marketing, up to the supply, use and **attention that the company** subsequently places, including an after-sales support phase up to the end-of-life cycle of the product or service.



In this context, the initiatives undertaken by the organization to address the issue of health and safety during the entire life cycle of a product or service and the evaluations related to this issue become relevant, including increasingly important data privacy and security.

The company is able to recognize which part of the life cycle of its products is the greatest source of environmental impacts: the company has identified the consumption phase as a source of the greatest impacts.

The company is able to recognize which part of the life cycle of its products is the greatest source of environmental impacts: the company has identified the disposal phase as the source of the greatest impacts.



## Infrastructure investments and financed services

### GRI 203-1 GRI 413

The economic dimension of sustainability concerns the impacts of an organization on the economic conditions of stakeholders. It also concerns the impacts of an organization on economic systems at the local, national, and global levels.

The economic impact can be defined as a change in the economy's potential productivity, which influences the well-being of a community or stakeholders, as well as long-term development prospects.

When referring to indirect economic impacts, one refers to the consequences of financial transactions and the flow of money between an organization and its stakeholders, which are particularly important if evaluated in relation to the improvement of stakeholder conditions, not only directly related to the company's activities but also connected to further impacts that these may have.

The company's investments respond to national and international objectives on sustainable development. Investments, innovation, technology development, and quality research represent fundamental elements for economic strategies, as they create a multiplier effect for the benefit of a wide range of subjects.

The company invests in Research and Development with a focus on sustainability (for example in collaboration with research centers, universities and start-ups).





## Business and Innovation Model



## Suppliers and sourcing practices

GRI 2-22 GRI 2-24 GRI 2-25 GRI 2-27 GRI 204-1 GRI 301-3 GRI 308-1  
GRI 414-1 GRI 419-1

In the framework of relationships among the company and its suppliers, one must focus on the social evaluation of the latter. This must be intended as the commitment of the providers in terms of sustainability, acting in accordance to those issues.

In the perspective of a constant improvement of the impacts and the mitigation of the negative ones, the organization is more and more inclined to estimate the compliant behaviors of the suppliers in terms of social, economic and environmental impacts since they are directly and indirectly reflected in the company's value chain.

On the one hand, therefore, the organization is lead to the **monitoring of the behavior of the suppliers** and, on the other, to the definition of strategies and actions in order to limit the scope of those that have negative impacts.

The company carries out its business, applying a system for the management of supply relationships. The company adopts a supplier evaluation system.

Supplier evaluation system	% of total
Suppliers evaluated for environmental certifications	66
Suppliers evaluated for social certifications (Health and safety)	0
Suppliers assessed by geographical proximity	75





The company certifies its quality management system, thanks to the ISO 9001 certification. The company oversees its supply chain with particular attention to the extraction processes of the raw materials used.

The company uses innovative machinery that improves energy consumption and emissions, such as energy efficiency certification tools or state-of-the-art machinery (purchased less than five years ago).

Investments in Research and Development are also aimed at the implementation of systems to optimize the use of resources.

The company's products need packaging. Procurement takes place through purchase from a third party company.





## Leadership & Governance



## Governance

**GRI 2-5 GRI 2-9 GRI 2-28**

The society's governance structure, composition, knowledge, and roles are important for understanding how the organization's impact on the economy, environment, and people, including the impact on their human rights, is integrated into the company's strategy and operations. Such these information underline how much the organizations itself is "equipped" to supervise the management of impacts.

The corporate governance body is represented by a Board of Directors. The governing body consists of more than 5 persons. The board has up to 3 independent members.

The presence of women within the governing body is between 33% and 50%. The average age of the governing body is over 50.

An audit firm is present. The auditing firm is a professional.

The company is part of trade associations. The trade association of which it is part is AIM AMAFOND UNINDUSTRIA.





## Business ethics

**GRI 2-22 GRI 2-23 GRI 2-24 GRI 2-25 GRI 3-3 GRI 307 GRI 403-1**

The organization must commit itself to responsible business conduct, including a commitment to respect human rights. These aims represent the values, principles and rules of conduct of the company and the integrated mission within the economic objectives.

Human rights enshrined in national and international norms, associated with the actions of the organization to prevent or mitigate potential negative impacts for each material theme are the lattice through which the activities of the company must pass, considering political commitment as an integral part of the company's strategy. Society should therefore identify its own risk factors and equip itself with strategic tools to address them.

The company considers the socio-environmental impacts among the corporate risk factors and manages the risks normally foreseen.

The company implements sustainability initiatives and/or has a mission and/or a formalized sustainability strategy to manage the economic, social and environmental impacts arising from its activities. In particular, the company's mission takes into account environmental and social factors that are also considered in the long-term strategy.

The company commissioned a person dedicated to sustainability.

The company presents safety management procedures for the prevention of major accident risks (RIR).

The company presents safety management procedures for the prevention of major accident risks (RIR): in the analysis internal criteria are used for the identification and assessment of critical situations.

The company has developed green chemistry projects.

**The company is committed to achieving the objectives of the chemicals strategy for sustainability within the European Green Deal with particular attention to innovation for safe and sustainable chemicals.**

The company is able to recognize which part of the life cycle of its products is the greatest source of environmental impacts: the company has identified the production phase.

## Regulatory compliance

GRI 2-22 GRI 2-23 GRI 2-24 GRI 2-25 GRI 3-2 GRI 307 GRI 419

An organization's compliance indicates the ability of the governing bodies to ensure that operations meet certain performance metrics or universally accepted standards. Therefore, being certified for the high degree of compliance of the business, sector or company procedure, is a guarantee for the stakeholders and those directly or indirectly involved in the company's value chain, with a view to reducing or mitigating negative impacts on particular sustainability issues, as well as in the social, environmental and economic spheres.



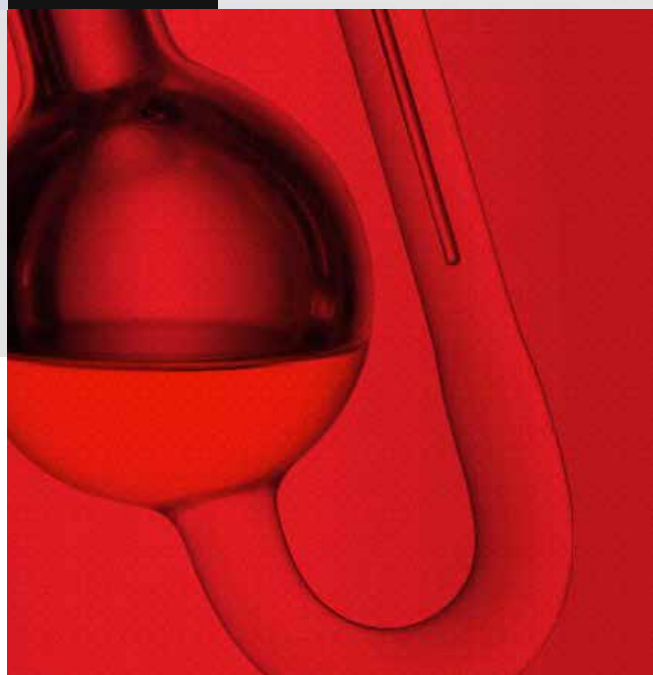
The company publishes its findings on environmental and social sustainability in a special report. The company publishes its sustainability results from 2020.

The company has internal controls, in particular an Internal Audit function.

There is a code of ethics that also deals with sustainability issues (including governance, social and environmental aspects). The company announced this on its website, with publication in May 2021.

The company has set up a special body to monitor compliance with legal limits, for example, related to the discharge of substances into water and/or emission of particular substances into the atmosphere.









## End to End Sustainability

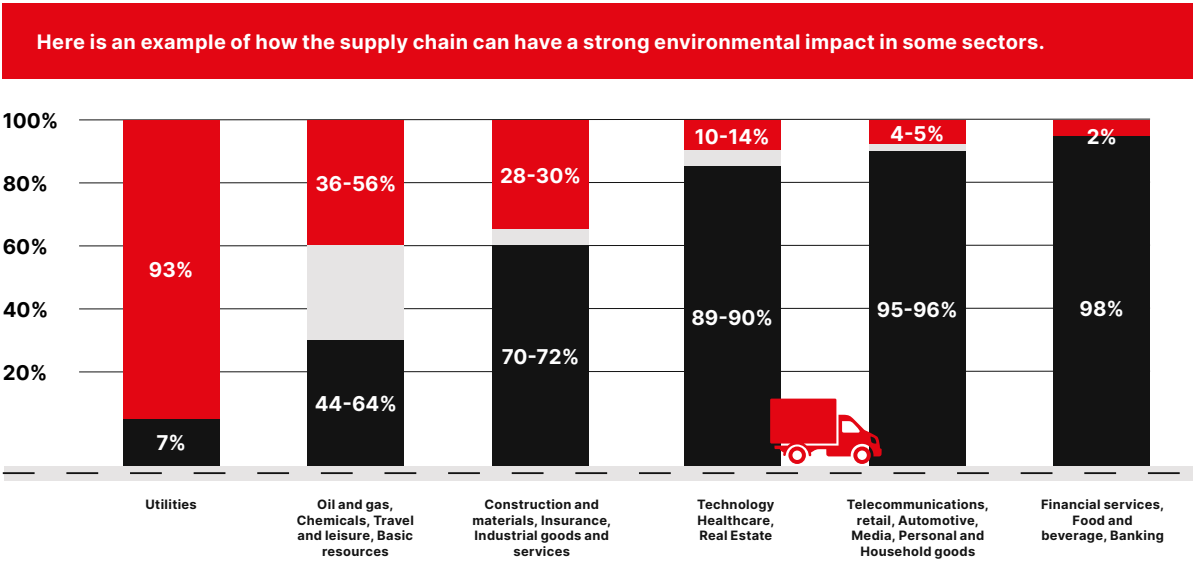
- Supplier mapping
- Added value for customers

MotulTech Baraldi's Project

# Mapping of the Motultech Baraldi Supply Chain

**Baraldi**, as part of its core business, actively pursues sustainability aspects. The ESG themes present are part of **Baraldi's** DNA: in fact, the company is virtuous in this respect.

These behaviors are amply underlined in its **Code of Ethics** and summarized in the adherence to **14 of the 17 targets** addressed by the Company's operational choices. In such context it becomes fundamental for the Company, to monitor the alignment to the values of the sustainability of own **supply chain**, on which the impacts depend.



Fonte: Trucost ESG Analysis

In line with **GRI 2-6** “Activities, value chain and other business relations”, **Motultech Baraldi** will start a mapping-monitoring process of its supply chain in 2023, to know its maturity under the **ESG profile**.

Thanks to the Synesgy questionnaire that will be issued to the Company's suppliers in the coming months, it will be possible to outline the degree of alignment of the **supply chain** to sustainability issues, while being able to **implement corrective actions to improve ESG performance**.



The Project of Motultech Baraldi

## Optimisation of lubrication



# iCastEVO

*“Save the water, save the energy, save the costs.”*

### The Project

Water is a fundamental and priority resource very important for humanity and over the years the awareness of its value has grown universally to make it recognized as a valuable asset to safeguard and protect. At **Motultech Baraldi** 15 years ago, people began to think about how to limit its use for mould lubrication as much as possible.

Today, after a journey that saw the Company engaged in the development of complex hardware and software technologies that have been patented, and new chemical formulations to make lubro-release agents able to work effectively at different temperature ranges, **Motultech Baraldi** is able to minimize the use of water for its products.

The Company has developed a web-app that contributes to the **optimization of the use of water in lubrication**: with **iCast EVO** you can evaluate in economic terms the advantages that can be obtained with a test of optimization of the lubrication cycle, and also measure the water savings achievable with lubro-release from **Motultech Baraldi**.



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The **new concept** developed by **Motultech Baraldi** is based on an algorithmic system that sees the target temperature of the mould to guide the release agent quantity.

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The web-app allows, through 4 analysis phases, to optimize the lubrication of the moulds, with a considerable saving in terms of water and energy used, while improving the cycle performance and the life of the moulds themselves.

The project consists of 4 phases:

- 1) Making** the mold thermal map before and after lubrication to check how much energy has been removed with the release agent.
- 2) “Delta T”** mapping analysis for setting up the best lubrication cycle
- 3) Optimisation** of the quantity of release agent/water to be used
- 4) Economic analysis** of the lubrication cycle using an algorithmic system.

**7.700 tons**

Water saved in Europe  
in 2022 with iCastEVO

**3 Olympic pools  
Water saving  
equivalent**



## The project consists of 4 phases:

- 1) Thermal map of the project
- 2) Map analysis
- 3) Optimization of the release/water quality to be used
- 4) Economic analysis of the lubrication cycle

## Targets:

- Optimization of process times
- Best finish of the pieces
- Lower consumption of release agent, water and energy
- Lower waste treatment and mold maintenance costs

## Project SDGs

The Project is in line with **5 of the 17 Sustainable Development Goals** (SDGs) recognised by the United Nations, as part of Agenda 2030.



## Environmental Impacts, SASB and GRI standards

The **environmental impacts** defined by the Taxonomy Regulation indicate the eco-sustainability of investments. **SASB materialities** enable the identification, management and reporting of ESG impacts of activities. The **GRI Standard** provides the parameters for reporting these impacts.

### Environmental objectives (ex Reg. Taxonomy)

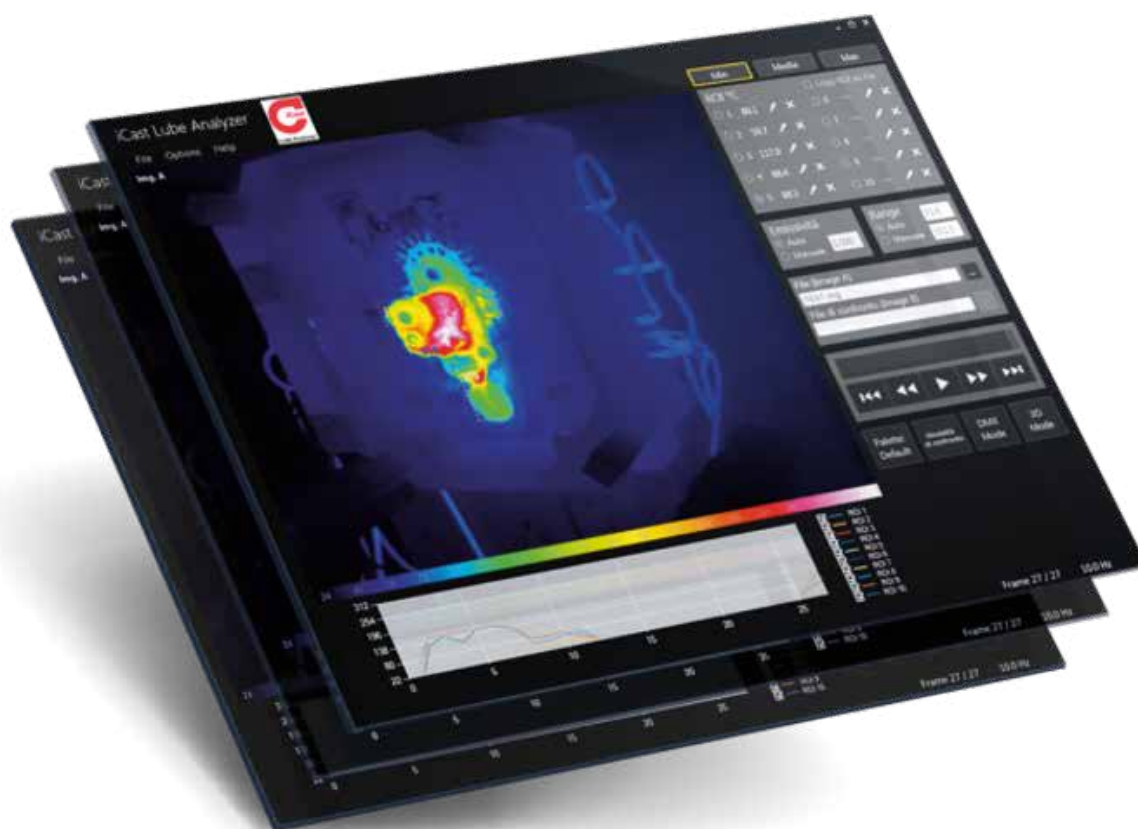
3) Sustainable use and protection of waters and marine resources

4) Transition to a circular economy

5) Prevention and reduction of pollution



Materiality SASB project	Materiality SASB industry (Chemistry)	
GHG Emissions	✓	305-2
Energy Management	✓	302-2, 302-4
Water & Wastewater Management	✓	303-1, 303-2, 303-4
Waste & Hazardous Materials Management	✓	306-1, 306-2
Access & Affordability	-	416-1
Product Quality & Safety	-	416-1
Business Model Resilience	-	2-22, 2-24, 2-25
Physical impacts of climate change	-	2-25
Business Ethic	-	2-22, 2-25
Competitive Behavior	-	2-25









## Action Plan

# The actions recommended by Synesgy



## Business and corporate governance

- Apply an energy management system.
- Implement a Risk Management Function for the internal controls of the company.
- Apply an environmental management system.



## Water, energy and waste

- Prefer electricity suppliers that produce mainly from renewable sources.
- Carry out energy efficiency interventions (e.g. installation of solar panels or systems that allow the production or consumption of renewable sources; replacement of heating and/or air conditioning systems; replacement of traditional light bulbs with low-consumption lighting sources such as LEDs).
- Evaluate to equip itself with plants for the production of energy from renewable sources.
- Calculate the carbon footprint of a central product/service in order to understand its environmental impact and identify appropriate improvement actions.

## Environmental Certifications

- Adopt ISO 14001 environmental management certification.
- Adopt ISO 50001 certification on energy management systems.
- Adopt environmental impact assessment tools, such as Life Cycle Assessment, Carbon Footprint, Water Footprint, Environmental Product Declaration, Ecolabel, EMAS Registration.



## Employees Management, Certifications and Regulations

- Adopt OHSAS 18001 or UNI EN ISO 45001 certifications in relation to worker safety and health management.
- Publish your company policy on Equality, Diversity and Inclusion on your website.
- Adopt ISO 26000 certification on corporate social responsibility.



## Regulatory certifications

- Adopt ISO 9001 certification on quality management system.
- Adopt a code of ethics that includes references to sustainability issues.
- Adopt ISO 37001 certification on anti-bribery management (corruption prevention).



## Relationship with stakeholders and the Territory

- Communicate your commitment to socio-environmental issues via the institutional website.

# GRI Index

## Declaration of use

MotulTech-Baraldi reported on the GRI Standard for the period 1/1/2022 al 31/12/2022.

GRI Standard	Titolo del Gri		Capitolo/ paragrafo	Pagina
GRI 1	Foundation			
GRI 2	General disclosures 2021			
	2-1	Organizational details	Company profile	3
	2-2	Entities included in the organization's sustainability reporting	Company profile	3
	2-3	Reporting period, frequency and contact point	Reporting information	7
	2-4	Restatements of information	Reporting information	7
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	2-6	Activities, value chain and other business relationships	Company profile	3
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	2-9	Governance structure and composition	Governance	38
	2-12	Role of the highest governance body in sustainability reporting	Company profile	3
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	2-24	Embedding policy commitments	Management of environmental impacts Employment Suppliers and sourcing practices Business ethics Regulatory compliance	16 24 34 39 40
	2-25	Processes to remediate negative impacts	Company profile Management of environmental impacts Water and water discharges Emissions Employment Customer relations Suppliers and sourcing practices Business ethics Regulatory compliance	3 16 18 19 24 30 34 39 40
	2-27	Compliance with laws and regulations	Suppliers and sourcing practices	34
	2-28	Membership associations	Governance	38



	2-29	Approach to stakeholder engagement	Stakeholder engagement	10
	2-30	Collective bargaining agreements	Employment	24
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	3-3	Management of material topics	Company profile	3
			Management of environmental impacts	16
			Emissions	19
			Employment	24
			Customer relations	30
			Business ethics	39
GRI 203: Indirect economic impacts 2016	203-1	Infrastructure investments and financed services	Infrastructure investments and financed services	31
GRI 204: Procurement practices 2016	204-1	Proportion of spending on local suppliers	Suppliers and sourcing practices	34
GRI 301: Materials 2016	301-2	Recycled input materials used.	Materials	17
	301-3	Reclaimed products and their packaging materials	Materials	17
			Suppliers and sourcing practices	34
GRI 302: Energy 2016	302-1	Energy consumption within the organization	Energy	17
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GRI 303: Water and Effluents 2018	303-2	Management of water discharge-related impacts	Water and water discharges	18
	303-3	Water withdrawal	Water and water discharges	18
	303-4	Water discharge	Water and water discharges	18
	303-5	Water consumption	Water and water discharges	18
GRI 305: Emissions 2016	305-1	Direct (Scope 1) GHG emissions	Emissions	19
	305-5	Reduction of GHG emissions	Emissions	19
GRI 306: Waste 2020	306-1	Waste generation and significant waste-related impacts	Waste	20
	306-2	Management of significant waste-related impacts	Waste	20
	306-3	Waste generated	Waste	20
GRI 307: Environmental compliance 2016			Management of environmental impacts	16
			Business ethics	39
			Regulatory compliance	40
GRI 308: Supplier environmental assessment 2016	308-1	New suppliers that were screened using environmental criteria	Suppliers and sourcing practices	34

GRI 401: Employment 2016	401-2	New employee hires and employee turnover	Employment	24
GRI 403: Occupational health and safety 2018	403-1	Occupational health and safety management system	Management of environmental impacts	16
			Employment	24
			Business ethics	39
	403-2	Hazard identification, risk assessment, and incident investigation	Employment	24
	403-5	Worker training on occupational health and safety	Training	26
	403-9	Work-related injuries	Employment	24
GRI 404: Training and education 2016	404-1	Average hours of training per year per employee	Training	26
GRI 405: Diversity and equal opportunity 2016	405-1	Diversity of governance bodies and employees	Employment	24
	405-2	Ratio of basic salary and remuneration of women to men	Employment	24
GRI 406: Non discrimination 2016	406-1	Incidents of discrimination and corrective actions taken	Employment	24
GRI 408: Child labor 2016	408-1	Operations and suppliers at significant risk for incidents of child labor	Local Community	30
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GRI 413: Local Community 2016	413-1	Operations with local community engagement, impact assessments, and development programs	Infrastructure investments and financed services	31
GRI 414: Supplier social assessment 2016	414-1	New suppliers that were screened using social criteria	Suppliers and sourcing practices	34
GRI 419: Socioeconomic compliance 2016	419-1	Non-compliance with laws and regulations in the social and economic area	Suppliers and sourcing practices	34
			Regulatory compliance	40



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