

WHITE PAPER

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1. Index

1.1 Letter of General Director to stakeholders

"2021 represents for us a year of maturity, in which we want to combine the strength of doing with a long-term vision.

The challenge is to grow, striving to generate positive change that everyone can benefit from, promoting initiatives and actions that are able to bring well-being to the society in which we live.

We recognize that it is essential to integrate a social, environmental and economic sustainability in the corporate culture, and we want everyone to be personally involved in communicating the values that encompass this culture and allow us to face the future.

- ≈ We are sustainable in economic field, as our statements reflect solidity and allow long-term projects that over time have generated repercussions for the personnel and the territory where we are based and, above all, the places where we have been operating for some time.
- ≈ We are sustainable in the social field, as we promote initiatives to support local associations, and to invest in educational and orientation projects with high-schools and universities.
- ≈ We are environmentally sustainable, as our headquarters are built with eco-design criteria and it is provided by renewable sources. We have policies meant to promote the separate waste collection and initiatives for the reduction of our environmental footprint (such as the elimination of single-use plastic, reduction of paper use, energy savings and projects connected with circular economy).

We are all invited, each for their own role and competence, to be part of this growth, by embracing the #Greenattitude of C.R. Technology Systems to pursue a shared, lasting and above all beneficial development for all."

1.2 Report introduction

This first report is nothing more than a photograph of the commitment and concrete and transversal actions put in place by C.R. Technology Systems.

This document includes data and activities carried out by the company in support of sustainability in all its forms, from the study of technological solutions with high performance and a low environmental impact, with a view of saving & share, to relationships with public and private stakeholders, up to actions towards communities directly and indirectly involved in our projects.

The goals are:

- To highlight the consistency between the choices and behaviors promoted and the strategy and reference values assumed by the company.
- To provide an integrated and coordinated framework of the actions already in place, in order to create value by integrating new objectives.
- To measure sustainability performances and identify room for improvement.

1.3 Methodological note on the report drafting

Since this is an assessment, not all the parameters of the Global Reporting Initiative (GRI) have been reported slavishly but only the fundamental guidelines, meaning this document as a prerequisite for a future Sustainability Report.

It should be noted that data herewith under reported have been collected thanks to the participation of thridy-party entities involved during the validation procedure for the most recent certifications, first on all the ISO/TS 14067 and the Carbon Footprint of our leading product.

2. The Company

2.1 Identity and values

Connection and development are the mindset that has always inspired the company.

Connecting people and resources and developing technological value with innovative and digitized solutions.

OUR PURPOSE: to enable energy access, through technologically advanced projects: it is our comet, the reason that inspires our company and shows the path to follow.

OUR MISSION: supporting our customers by offering the best solution on the market, both in technological and economic terms: it is the essence of our DNA that daily motivates and defines our actions and decisions.

OUR VALUES are our roots and motivations, the road map that plans our journey.

- ❖ Pioneerism: C.R. Technology Systems works from 1985 in developing countries
- ❖ Quality: high-performance products and solutions
- ❖ Innovation: design and adoption of advanced technologies
- ❖ Engineering know-how: study and experience drive our INNOVATION ENGINEERING HUB
- ❖ Sustainability: implementation of 4 of the 17 SDGS, achieving of ISO and CFP certifications

2.2 Overview



2 quarters in Italy: Treviglio (BG), Viterbo (RM)
1 in Cuba
1 in Tunisia
1 in Ivory Coast



70 employees in 3 areas of the world:
50% ITALY 40% LATAM 10% AFRICA



35 years of activities



Leadership in the market in the production of electrical switchgear and substation



50% of our staff are women



+ 1000 orders in the last 10 years

22.393.797 USD total revenue in 2020

2.3 Territorial context

2.3.1 History

C.R. Technology Systems works in the energy sector since 1985, and it includes over 70 employees currently distributed in headquarter in Treviglio, the commercial quarter in Viterbo and branches in Tunisia, Ivory Coast and Cuba.

In the latest years the INNOVATION ENGINEERING HUB, hearth of the Research & Development, has invested many sources both in the study and in the research in order to realize tailor-made and turn-key products and solutions, for the production, transformation and distribution of electrical energy.

2.3.2 Territory and community

Internal Stakeholder: Shareholders; employees; companies of the group.

External Stakeholder: Clients; suppliers; competitors; local communities; academic world and training institutions.

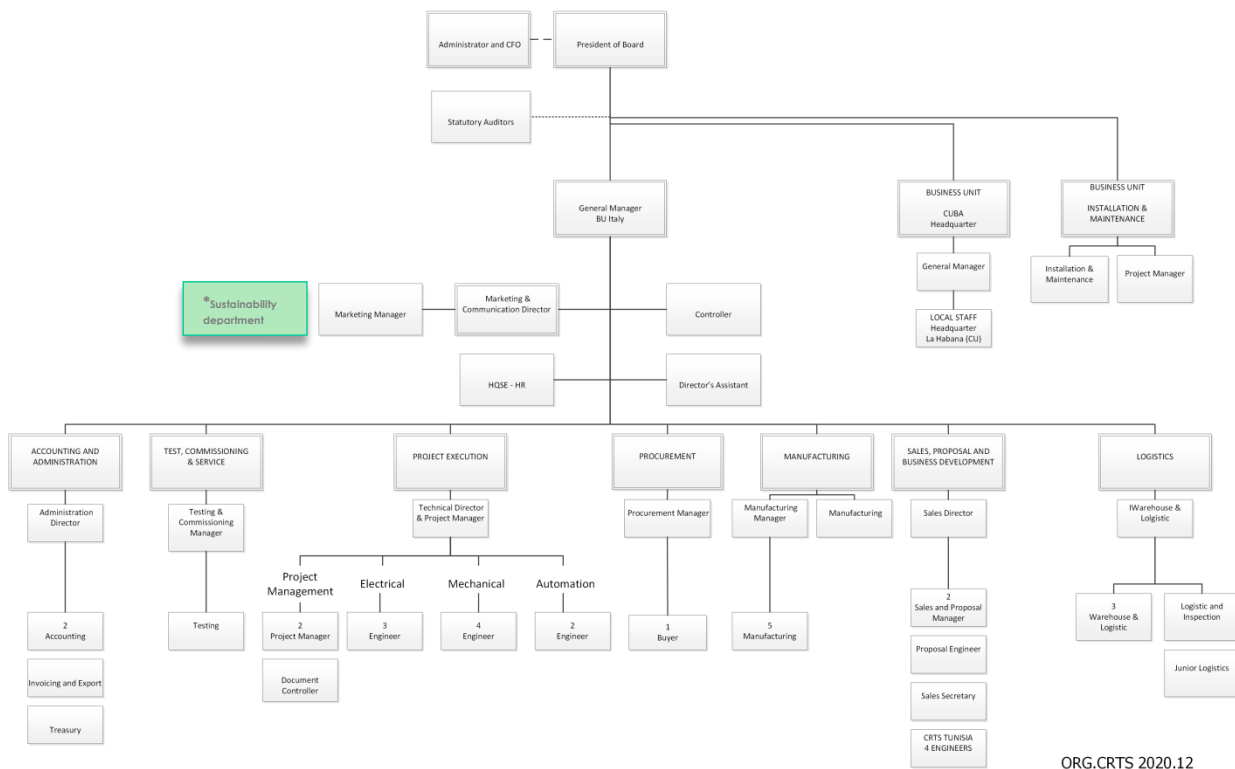
C.R. Technology Systems is deeply linked to the local territory and its community, in favor of which it has long been committed to cultural and educational activities including:

- Collaboration since 2017 in the Tecnicamente project, promoted by Adecco, to offer students of technical high-schools in the province of Bergamo the chance to know and interact with the corporate reality.
- Participation in the Bergamo JOB FESTIVAL, event organized by Confindustria, to give high school students an opportunity for orientation and job placement.
- Collaboration since 2018 with the innovation district of Kilometro Rosso.
- Support together with educational institutions and universities, for internship opportunities and experiences work-school.

2.4 Governance and corporate organization

In order to integrate sustainability more and more into the business, we are currently developing a governance that includes a sustainability department which includes the figure of the sustainability data owner*, with the function of supervising and controlling the sustainability issues connected to the exercise of enterprise. The function would be flanked by Marketing and the direct dependence of the General Manager.

C.R. TECHNOLOGY SYSTEMS SPA – Organization Chart



2.5 Activity, innovation

For years, the Engineering Hub of C.R. Technology Systems dedicates part of its intellectual resources, and of its time, to the study of technologies and materials that are not only efficient and able to withstand the heaviest situations, but also linked to a concept of circularity and environmental sustainability.

3. Sustainability as a corporate value

3.1 Road to sustainability

From the outset, the company decided to move toward innovative choices to create solutions that would optimize energy production and simplify its access, also and in particular in geographically isolated areas, subject to hard climate conditions.

Over time the direction has been to include sustainability as an intrinsic element of the corporate culture, integrating it into the business and declining it into a detailed, transparent and measurable operational plan.

In support of this vision of sustainable growth, 4 of the 17 Sustainable Development Goals (SDGs) have been adopted.



According to a line of consistency, the Treviglio headquarters was designed using highly energy efficient solutions with the lowest environmental impact.

- ✓ The energy supply comes mainly from a rooftop photovoltaic system.
- ✓ The lighting and air-conditioning of the rooms is managed by an automatic system.
- ✓ The waste collection is carried out in line with the local standards.
- ✓ We have chosen to opt for a progressive reduction in paper consumption, both by digitizing processes as much as possible, and by using recycled paper.
- ✓ In 2019 we have carried out the plastic free project, which allowed us to eliminate single-use plastic in the dining and refreshment area.
- ✓ Installation of free water dispensers, replacing plastic bottles.
- ✓ Realization of thermos bottles in steel for water, to the staff and external partners.

3.2 Sustainability as investment

For C.R. Technology Systems the choice to invest in a sustainable and responsible perspective means planning and implementing concrete actions, bearing in mind 3 fundamental concepts:

- To have a vision on the future
- To be transparent
- To create value for everybody

3.3 Communicating sustainability

The main means of communication is the website, renewed in 2019 and in constantly updated. <http://www.crtsgroup.com/en/>

Our main social network is LINKEDIN <https://www.linkedin.com/company/cr-technology-systems-spa/> that allow us to reach and involve a network of professionals, and share a range of initiatives of interest in our sector.

To support these tools, we coined a hashtag to aggregate contents with which to communicate our projects and our sustainable philosophy:

#GREENATTITUDE

In 2021, at the end of the process relating to the qualification of GHG emissions from the electrical substation, the company has joined the Italian program **Carbon Footprint Italy**, dedicated to communicating the results of quantifying greenhouse gas (GHG) emissions.

4. Environmental sustainability

4.1 Energy consumption

The company is equipped with a control system of internal consumptions, thanks to the installation of sensors that control the internal and external lighting, and the ambient temperature. The rooftop photovoltaic plant guarantees (on average) over the 50% of the energy supply.

4.2 Wastage

The company does not produce waste that is harmful to the environment and has adopted practices for the use of sustainable packaging (eg. wood) for handling products.

In addition, the adoption of a plastic free policy has ensured in the Treviglio site alone a saving of 60kg of annual plastic, equal to 360 kg of Co2 which will no longer be released into the environment.

4.3 Mobility

In 2021 the car fleet has been integrated with a first full electric vehicle, for which we realized a wall-box connected to the grid, mainly supplied by renewable sources, from our rooftop photovoltaic system.

4.4 Carbon Footprint – ISO/ TS 14067

In 2020 a project verified by an independent third party was launched, which made it possible to quantify the CFP of the electricity substation. This path has been completed for the flagship product: the electrical substation, both mobile and fixed, including all the individual components.

Once the indicators that contribute to GHG emissions have been identified, the KPIs necessary to reduce CFP have been set, with the aim of creating a low-impact product, in line with company values. In one year of life, the CO2 emission of the certified product, including the upstream phase, the coreprocess phase and the downstream phase, was calculated at 7,253.82 tons.

4.5 Certifications - the Integrated Management System (IMS)

In January 2021 C.R. Technology Systems obtained the Integrated Management System (IMS) which represents the the single direction of ISO standards in the field of quality, environment and safety, issued by IQNet.

This grouping of ISO allows implementing a process of continuous improvement, which includes:

ISO 9001:2015 Quality Management System

ISO 14001:2015 Environmental Management System

ISO 45001:2018 Occupational Health and Safety Management System

The advantages that this certification offers are:

- ✓ Better internal management
- ✓ Less wastage
- ✓ Increase in efficiency and productivity
- ✓ Consistent outcomes, measured and monitored and globally recognized standard
- ✓ Compatible with other ISO standards
- ✓ Minimised mistakes
- ✓ Improves reporting and communications
- ✓ Better quality products and service

5. Social sustainability

5.1 Relationships and special projects on the territory: CHARITY

To confirm the close link with the territory for years, support has been active for some voluntary organizations, reported by the employees of the company:

- Amici di Gabry association (support to cancer patients in the province of Bergamo)
- ABIO association (born to give a smile to children in Treviglio hospital)

5.2 Relationships and special projects on the territory: CULTURE

Alongside the projects closely linked to the Bergamo area, it was also decided to support some cultural initiatives closer to the Viterbo site.

- Sponsorship of the renovation of the former San Leonardo theater, now Caffèina, in the city of Viterbo.
- Participation as sponsor to the project "Festival of SOStenibilità" in Treviglio 2019.
- Support to the dissemination of the film "Amaranto" about environmental and ethical topics; a documentary that talks about a different idea of a development in a sustainable key.

6. Economic sustainability

The *green practices* already adopted by the company, with a heavy impact on economic sustainability, will be soon integrated in a procedure of suppliers qualification, in line with safety, quality and environment requirements.

7. ANNEXES

Carbon footprint



C.R. Technology Systems S.p.A.
Via Crescenzo, 82 - ROMA (RM)
Sede operativa: Via Rossaro, 9 - TREVIGLIO (BG)

Bureau Veritas Italia S.p.A. certifica che il sistema di gestione per la Carbon Footprint di prodotto - CFP Systematic Approach - dell'organizzazione sopra indicata è stato valutato e giudicato conforme ai requisiti della norma seguente

ISO 14067:2018 – CFP SYSTEMATIC APPROACH
Campo di applicazione
Electronic and electrical products and systems - UN CPC code Division 46

CFP Totale: Fase di upstream, Fase di coreprocess, Fase di downstream

Prodotto Pilota: Sottostazione mobile – COMMESSA 939
Unità funzionale/unità dichiarata: una sottostazione elettrica dedicata a trasformare l'energia elettrica da alta a media tensione, per una vita utile in servizio (RLS) pari a 35 anni.

CFP-PCR/ PCR di riferimento:

Data della certificazione originale:	27 aprile 2021
Data di scadenza precedente ciclo di certificazione:	-
Data dell'Audit di certificazione / rinnovo:	29 marzo 2021
Data d'inizio del presente ciclo di certificazione	27 aprile 2021

Soggetto al continuo e soddisfacente mantenimento del sistema di gestione (CFP SA) questo certificato è valido fino al: **26 aprile 2024**

N° Certificato - Revisione: IT306021 - Rev.00
Dichiarazione di verifica relativa al "prodotto test" IT306021 del: 27 aprile 2021

Giorgio Lanzafame
GIORGIO LANZAFAME - Local Technical Manager

Indirizzo dell'organismo di certificazione:
Bureau Veritas Italia S.p.A., Viale Monza, 347 - 20126 Milano, Italia



L'attività di verifica è stata condotta da Bureau Veritas Italia S.p.A. conformemente ai requisiti previsti dalla norma UNI EN ISO 14067:2018. Il dettaglio della verifica svolta e i risultati del monitoraggio sono riportati nella Dichiarazione di Verifica IT306021. Ulteriori chiarimenti riguardanti lo scopo di questo certificato possono essere acquisiti contattando l'organismo di certificazione.

GRUPPO N° 00000

ISO single certification





ISO 14001:2015 / ISO 45001:2018
CH-H70094

ISO 9001:2015
CH-H70093
CH-H52503

Plastic Free project



PLASTIC FREE PROJECT

Being sustainable is part of our vision, the choice to adopt green practices also in everyday working life is above all an act of responsibility towards environmental protection. From 2019 our company has refused single-use plastic!

WHY?

Every year, in Treviglio headquarters, where works half of our international staff, over 1.000 of plastic bottles and around 10.000 plastic cups (and relative steererers) were used. We are speaking of 60 kilos of plastic equal to 360 kilos of CO2!

WHERE DID WE START FROM?

Doing separate collection makes the difference!

We have always paid attention to the separate collection: from paper to plastic, and to small technological products which are in the company. However, we wanted to launch a different initiative, starting from the engagement of everyone: changing our habits.

WHAT DID WE DO?

After an accurate research of certified, qualified and seriously committed to environment, suppliers we have:

- Installed still, sparkling and chilled water dispensers
- Distributed customized thermos bottles to employees
- Eliminated plastic glasses and bottles
- Replaced plastic dishes in hot drink vending machines with compostable and biodegradable products
- Provided coffee machines with recyclable or compostable capsules, and ceramic cups



The commitment toward this project has required the collaboration of everybody, and the result has been possible because the company and its people decided to walk consciously toward the same direction: a more responsible future.

#GREENATTITUDE

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