

REFERENCE BOOK 2022

CARRON

Building beauty

*Building means participating in creation.
Each piece, each part of the work, each moment,
of which the big construction is made, is for the whole.
It is intended for Beauty, it is because it is useful, it is to stay.
It is for something, but, especially, for someone.
Building lasts a lifetime, and it is intended
for one's own life as well as for the life of others.
Man builds and when he does it well, he also builds himself.*

(Emilia Guarnieri)



CARRON





COMPANY'S GENERAL INFO

COMPANY NAME

Carron Cav. Angelo S.p.A.

REGISTERED OFFICE

Via Bosco 14/1
31020 San Zenone degli Ezzelini (TV)
Tel. 0423 9657 - info@carron.it

MILAN BRANCH OFFICE

Piazzetta del Liberty 8
20121 Milan
Tel. 02/86998023 - info@carron.it

TAX COCE

01835800267

VAT NUMBER

01835800267

LEGAL FORM

Joint-stock Company

SHARE CAPITAL, FULLY PAID-UP

€ 10,000,000

ENROLMENT WITH THE C.C.I.A.A. OF TREVISO

Business Register No. 01835800267
R.E.A. No. 171597

OUR GROUP

SHARED GOALS AND COHERENCE OF VALUES TO CONTINUE TO GROW

Thanks to the commitment, sacrifice and tenacity of the entire company, for which we are grateful, we have achieved an excellent result in 2021.

The numbers say so, with a consolidated net profit of 9 million euros, an increase of +3% on the previous year, and so do our customers who have shown their confidence in us by entrusting us with new projects to work on together.

If by 'strength' we mean speed of action, responsiveness, transparency of reporting, solidity, credibility and consistency of vision in business, I can only be proud to say that our company is strong and healthy. Two drivers that are neither trivial nor obvious, in which we will continue to invest so that we continue to grow.

This is what doing business is all about, and this is how it has been for us for almost sixty years.

Diego Carron



OUR GROWTH

Diego, Arianna, Paola, Marta and Barbara are the five Carron siblings who run the family company that their father Angelo Carron, a symbol of the self-made man and the most authentic Italian way of 'doing business', founded in 1963. They have embraced this important inheritance by safeguarding tradition, stimulating innovation, enhancing human capital and the very strong link with the local area.

Today, the Group consists of Carron SpA and Carron Bau Srl and represents a national benchmark for the construction industry, in both the private and public sectors. A very strong and solid business that is equipped to face even the most complex challenges.

Carron Group ended 2021 with a consolidated net profit of 9 million euros, an increase of +3% on the previous year. The order portfolio reached 815 million euros, in line with the previous year (in 2020 it was 826 million euros), with the acquisition of nine new contracts throughout the country. Production size was confirmed at 245 million euros, EBITDA rose to 16.8 million euros (+10% compared to 2020), and EBIT rose to 13.8 million euros (+7% compared to 2020).

The year 2021 saw the completion of multiple orders. Starting in the Veneto region, the Group completed the construction of the H Campus in Roncade (H Farm) and the important restoration of Palazzo Roccabonella in Padua; in Trentino-Alto Adige it completed the housing project in Via Resia in Bolzano and the St. Josef retirement home in Merano. It completed the construction of two residential care facilities, one for non-self-sufficient persons (200 beds) in Turin, and one in the Pavia area, precisely in Torrevecchia Pia. In the Ferrara area, it completed a building project in Comacchio, while in the Mantua area, confirming its expertise in the realisation of large infrastructure works, it oversaw the redevelopment of the Guidizzolo bypass.

At the same time, once again confirming its ability to interact with both private and public targets by operating throughout the country, the Group won several new orders, including two building renovation and redevelopment projects in the heart of Milan (one is the Pirelli35 building), two residential and nursing care facilities in Lombardy (Varese) and in the Marche (Fermo), a major redevelopment project in Siena, to be converted into a tourist hotel residence, and other construction projects in Trentino-Alto Adige, including the Cantore barracks in San Candido.



GOVERNANCE

BOARD OF DIRECTORS

Diego Carron	President
Marta Carron	Vice-President
Paola Carron	CEO
Arianna Carron	CEO
Barbara Carron	CEO

COLLEGIO SINDACALE

Marco Contessotto	President
Alberto Da Dalto	Statutory Auditor
Primo Ceppellini	Statutory Auditor
Alessandra Poloniato	Alternate statutory auditor
Paolo Giroto	Alternate statutory auditor



TURNOVER

YEAR	2019 Consolidated	2020 Consolidated	2021 Consolidated
AMOUNT (min/€)	217.5	250	245

WORKFORCE

YEAR	2019	2020	2021
Blue-collar workers	70	74	73
White-collar workers	168	182	192
Managers	7	8	7
Total	245	264	272

BANKING INSTITUTIONS

The banking institutions with which the enterprise operates and which is thus able to certify its financial and economic viability are:

UNICREDIT
BANCA INTESA
BPM
FRIULADRIA
BNL
DEUTSCHE BANK
BANCA DELLE TERRE VENETE
MONTEPASCHI
SPARKASSE

QUALIFICATION

CLASS VIII DESIGN AND CONSTRUCTION QUALIFICATION

Categories	Classification	Amounts	Works
OG 1	VIII	unlimited	Civil and industrial buildings
OG 2	VIII	unlimited	Restoration and maintenance of heritage-listed real estate
OG 3	VIII	unlimited	Roads, motorways, bridges, viaducts, railways, subways
OG 4	VIII	unlimited	Underground road structures
OG 6	VIII	unlimited	Aqueducts, gas pipelines, oil pipelines, irrigation and drainage works
OG 8	V	up to € 5.165.000	Waterway, defence, hydraulic and remediation works
OG 11	VIII	unlimited	Technological set-ups
OG 12	I	up to € 258.000	Reclamation and environmental protection works and systems
OS 1	V	up to € 5.165.000	Ground works
OS 2 A	V	up to € 5.165.000	Ornate decorations on real estate of cultural significance and movable assets of historical, artistic, archaeological and ethno-anthropological interest
OS 4	II	up to € 516.000	Electro-mechanical conveying systems
OS 6	V	up to € 5.165.000	Finishes for general works in wooden, plastic, metallic and glass materials
OS 7	V	up to € 5.165.000	Finishes for general construction and technical works
OS 8	V	up to € 5.165.000	Waterproofing works
OS 12 A	III-BIS	up to € 1.500.000	Road safety barriers
OS 13	V	up to € 5.165.000	Prefabricated structures in reinforced concrete
OS 18 A	VIII	unlimited	Structural components in steel
OS 18 B	VIII	unlimited	Components for continuous façade systems
OS 21	V	up to € 5.165.000	Special structural works
OS 22	III	up to € 1.033.000	Water treatment and purification plants
OS 24	II	up to € 516.000	Urban greenery and street furniture
OS 32	IV-BIS	up to € 3.500.000	Wooden structures



CERTIFICATIONS

CERTIFICATION FOR THE ORGANISATION'S QUALITY MANAGEMENT SYSTEM

Quality certification no. 1702_19_Q in accordance with European standards UNI EN ISO 9001:2015 in the EA 28 sector, issued by the certification body ASACERT SRL Via V. Veneto 2, Cormano (Milan) on 19/07/2016 (first issued on 13/09/2000 by another certification body) and with expiration date 18/07/2025.

CERTIFICATION FOR THE ORGANISATION'S ENVIRONMENTAL MANAGEMENT SYSTEM

Environmental certification no. 127_19_A in compliance with European standards UNI EN ISO 14001:2015 in the EA 28 sector, issued by the certification body ASACERT UK LTD S. 76 King Street M2 4NH, Manchester, UK on 19/07/2016 (first issued on 06/09/2010 by another certification body) and with expiration date 03/09/2022.

CERTIFICATION FOR THE WORKPLACE HEALTH AND SAFETY MANAGEMENT SYSTEM

Health and safety certification no. 128_19_S in compliance with European standards ISO45001:2018 in the EA 28 sector, issued by the certification body ASACERT UK LTD S. 76 King Street M2 4NH, Manchester, UK on 19/07/2016 (first issued on 06/09/2010 by another certification body) and with expiration date 03/09/2022.

CERTIFICATION FOR PUBLIC WORKS QUALIFICATION

SOA qualification certificate issued by CQOP SOA S.P.A. COSTRUTTORI QUALIFICATI OPERE PUBBLICHE - Headquarters: Via Giuseppe Antonio Guattani - ROME.
Certificate no. 63910/10/00 issued on 31/03/2022 7 with expiration on 28/04/2024.

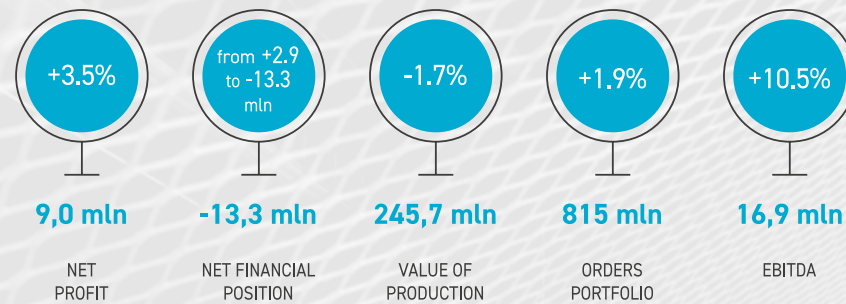
GBC ITALIA

In 2013, Carron joined the Green Building Council Italia, a non-profit association that is part of the international GBC network aiming to accelerate the dissemination of a culture of sustainable construction, guiding the market's transformation.

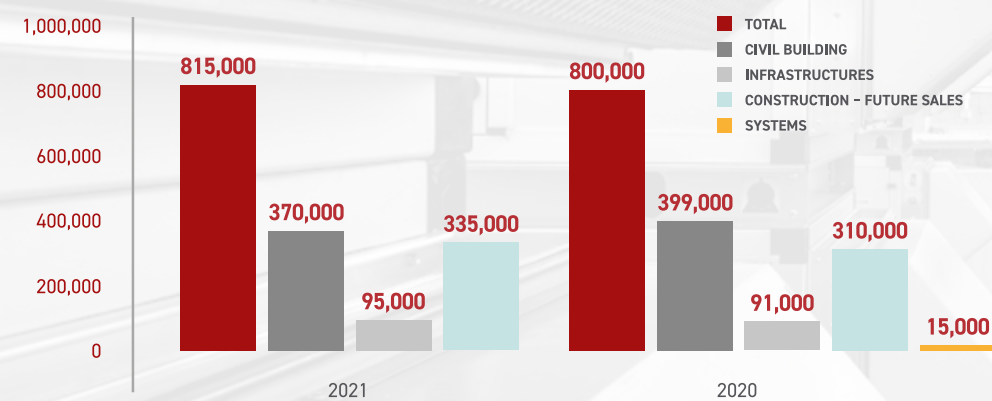
Thanks to a partnership agreement with USGBC, GBC Italia and the construction supply chain that form this "sustainable construction community", promoting the independent certification system LEED (Leadership in Energy and Environmental Design), the parameters are established for the precise planning and construction criteria for "healthy" buildings that are energy-efficient and have a reduced environmental impact.

This certification, developed in the United States and now applied throughout 40 countries around the world, opts for a global vision of sustainability (from the planning to the actual construction), exploiting all possible means for reducing the various environmental impacts and harmful emissions in the construction of buildings. It also establishes a market value for the "green buildings", stimulating competition between companies in terms of the environmental performance of constructions and encouraging conscious consumption, even amongst the end users.

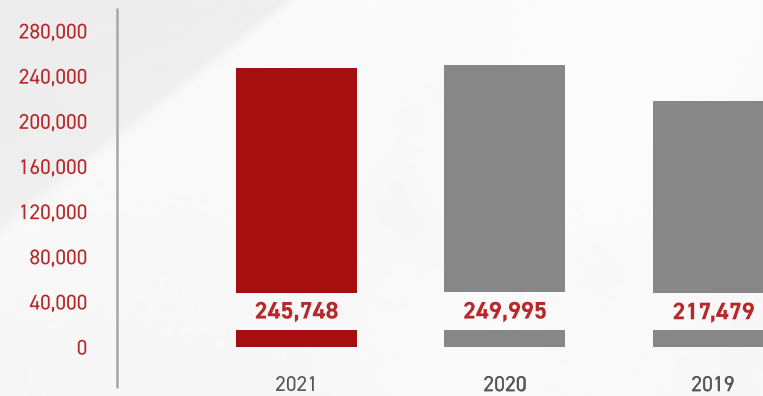
2021 FIGURES



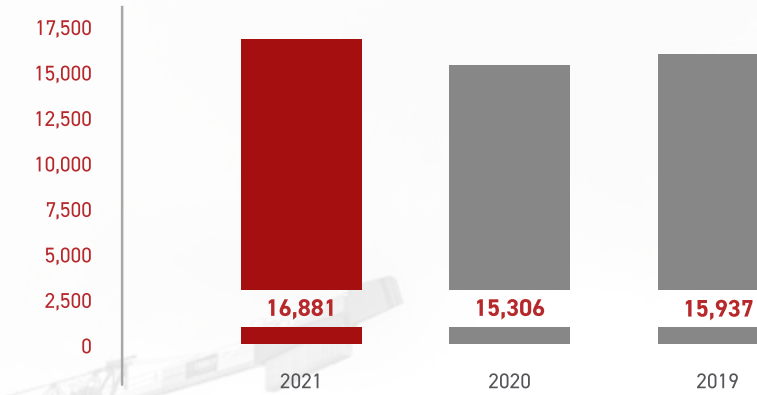
ORDER PORTFOLIO BY BUSINESS LINE IN THOUSANDS OF EURO



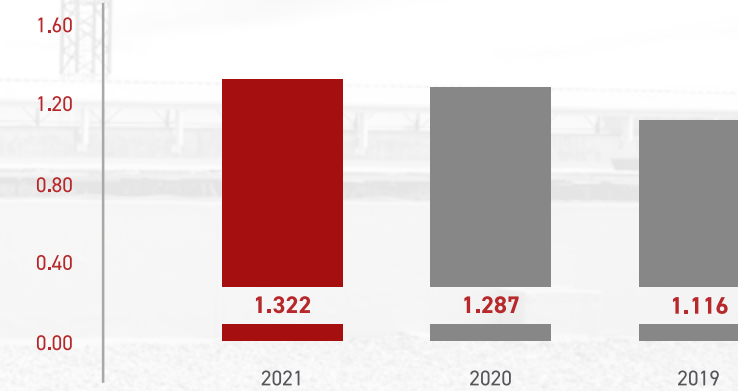
VALUE OF PRODUCTION IN THOUSANDS OF EURO



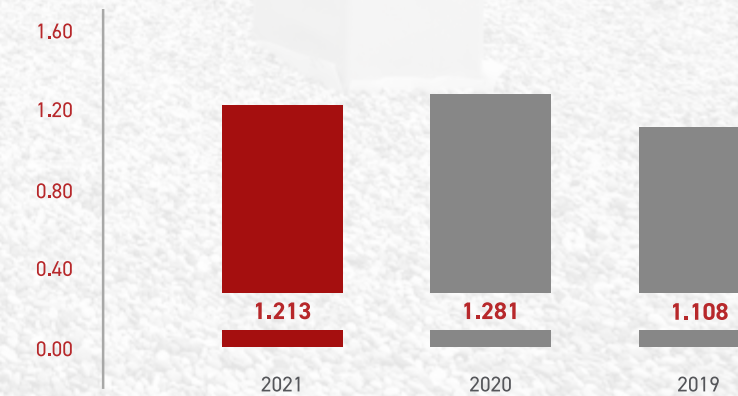
EBITDA IN THOUSANDS OF EURO



CURRENT RATIO CURRENT ASSETS/CURRENT LIABILITIES



QUICK RATIO CURRENT ASSETS - STOCKS/CURRENT LIABILITIES

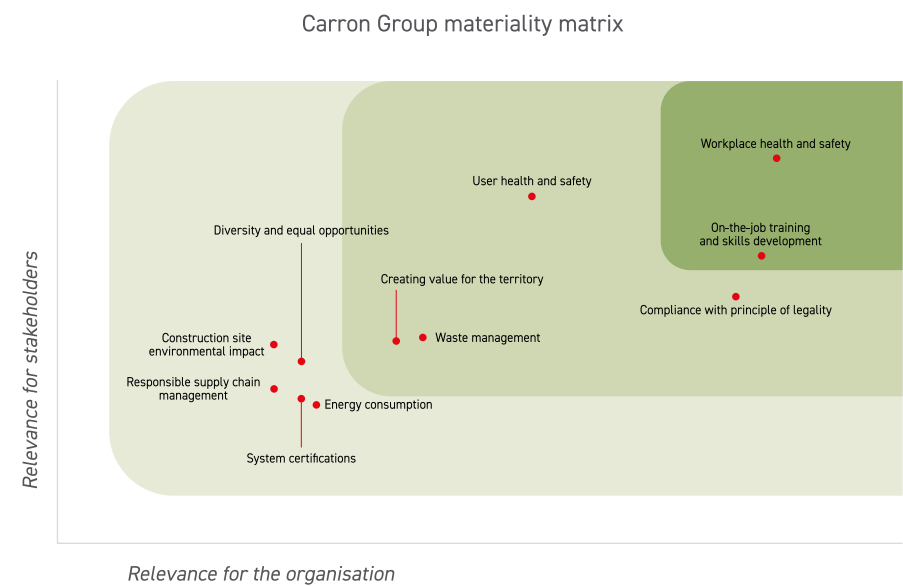




CARRON GROUP SUSTAINABILITY

Carron Group’s approach to environmental, social and governance aspects is explained in the first Sustainability Report published in the summer of 2022, which includes all issues that the company and its key stakeholders consider to be priorities.

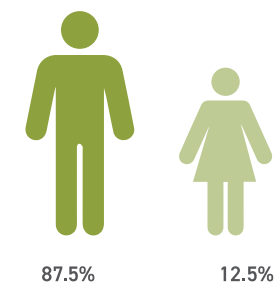
The necessary step to define priority issues is called materiality analysis, which consists of involving and consulting stakeholders in order to define those issues that are essential for reporting in a Sustainability Report.



These issues have been described with due emphasis in the sections of the Sustainability Report, in order to provide stakeholders with a faithful representation of the developments taking place – with a view to consistent and transparent communication – but above all to provide clear indications of the development horizon: the objectives, responsibilities, projects, metrics and activities implemented to achieve them.

The highlights of the Report are as follows:

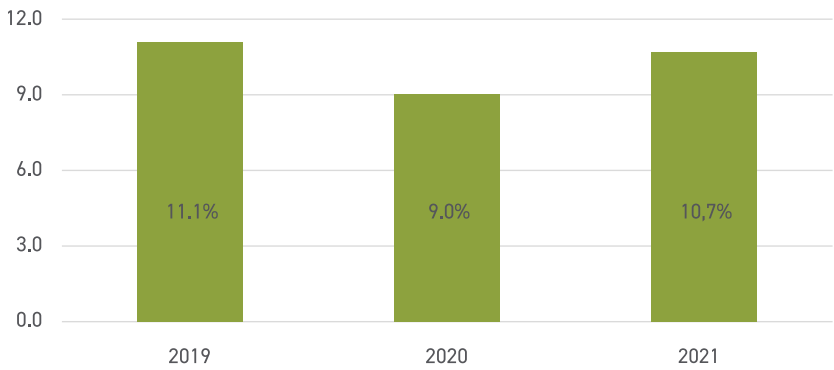
Employees by gender (%)
Carron Group (2021)



Carron Group has always been committed to fostering inclusion and fairness at work, despite the fact that there is still a significant gender gap in the company resulting from the specific industry and socio-cultural context. In the recent past, new professions have been created in the construction sector, for example, through energy efficiency and improvement processes, also with a view to sustainable construction: these areas offer a promising future for specialised professionals, regardless of gender.

Man hours of training over the three-year period remained stable despite the difficulties arising from COVID-19, demonstrating the company’s investment in continuous learning and people development.

Training hours/man, Group
Three-year period 2019-2021

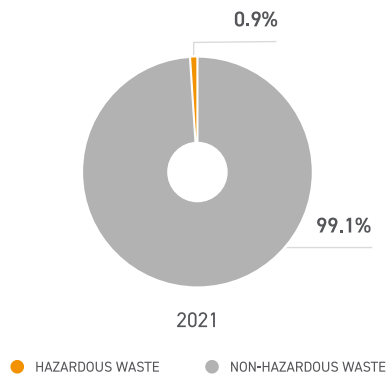


In 2021, 27.6% of the energy consumed by Carron SpA came from its own photovoltaic system on the roof of its Treviso headquarters, while the remaining electricity purchased and consumed came from 100% certified hydroelectric renewable sources thanks to the 'Energia pulita - Green energy' project with Dolomiti Energia.

51.9% of Carron SpA's waste is packaging, which is needed for the storage and transport of raw materials from warehouse to construction site. An estimated 95% of materials are recycled.

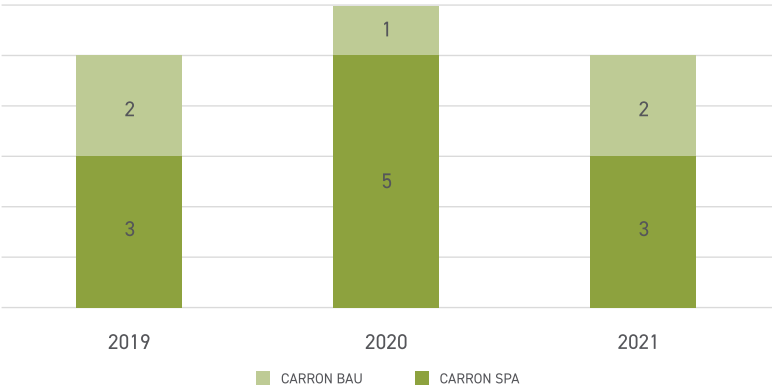
The waste generated by Carron Bau, on the other hand, is general office waste - similar to municipal waste - equivalent to 130.4 kg (in 2021)

Waste sorting, Carron SpA – 2021



All personnel are trained, briefed and regularly updated on possible health and safety risks in the workplace and asked to act accordingly to avoid occupational injuries and illnesses. This is concurrent with the Group's great effort to create an infrastructure at the structural level with the best safety conditions.

Number of injuries, Group
Three-year period 201/2021



For Carron Group, sustainability also stems from the adoption of cutting-edge strategies and policies such as digitisation and information standardisation of processes, which are mentioned in the Report.

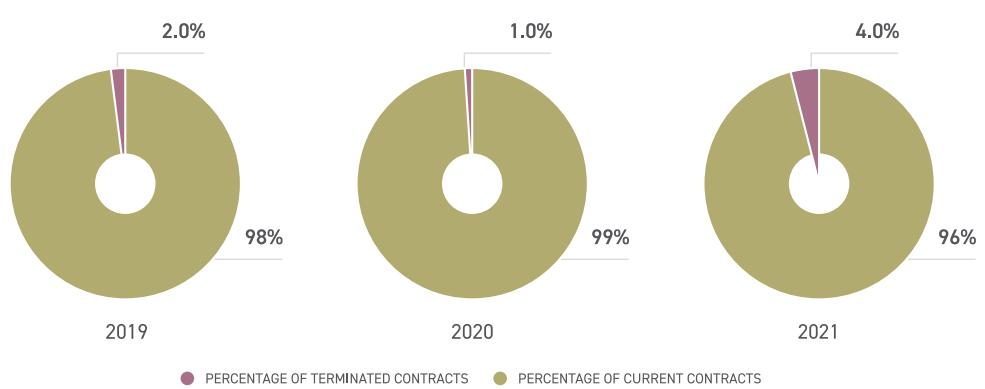
For example, *Building Information Modelling* (BIM) provides a strong competitive advantage in terms of error reductions and redundancies on site thanks to the accuracy of the data, with the associated savings in time, materials and energy.

Aware of the fact that its sector presents several critical issues related to environmental management, Carron Group is committed to enhancing and protecting the territory as a common good and respecting the environment around its sites by carrying out preliminary environmental impact assessments in order to better direct project implementation and environmental monitoring management during the construction and ex-post phases.

For Carron, this approach represents an established practice. Its objective, as set out in the Group's Integrated Health, Safety and Environment System, is to reduce the environmental impacts generated during the execution of activities through an assessment of these impacts already at the design stage and through careful selection, evaluation and awareness-raising of suppliers and contractors.

100% of new suppliers who do business with Carron Group are assessed using social criteria. This figure has remained constant over the three-year period 2019/2021. The Group only works with companies that respect human rights and labour dignity. Following checks and further evaluation, relations with the Group are terminated if there are found to be significant potential and existing negative social impacts.

Percentage of terminated contracts





LEGALITY RATING AND CODE OF ETHICS

ETHICS AS CARRON'S STRATEGIC ASSET

Carron is equipped with various tools that explicitly reflect the corporate ethical values. It is a question of respect for a set of regulations and principles based on legality and ethics, The so-called "legal safeguards", that allow the company to operate as an ideal player in the introduction of new commercial relations.

Yes, in the present market context, it is important not only to ensure respect for the principles of transparency and legality - as the company has always done - but it is also crucial to ensure an unambiguous business model that combines respect for the legal-ethical principles and the profit-making objective.

This *modus operandi* allows the company to gradually expand its field of operation, implementing the client portfolio thanks to the consolidation of its reputation also in terms of ethics. It has thus increasingly invested in the creation of a series of regulations and practices to be respected in the in-house production processes and external relations, so as to effectively respond to the demands for integrity and legality expressed by the market.

The so-called "analysis of legality" helps to highlight the business engagement efforts in the promotion of the law, as well as to communicate such to employees, suppliers, clients and other interlocutors of the company.

Amongst the measures adopted to protect legality, some stand-out examples include:

1) the adoption of an organisational and management model set out under Legislative Decree no. 231/2001, containing the ethical principles and protocols of conduct that - if properly configured and effectively implemented - serve to prevent the offences mentioned in this law and prevent corporate sanctions;

2) the legality rating as a tool able to elevate such to an element of reward, in particular as a preferential criterion for the financing granted by the public administration or by accelerating the time required for the preliminary examination in the provision of bank credit.

From the above, all factors point towards a basic principle: companies that operate in the context of continuous growth should not only aim towards maximising profit but also a higher level of well-being, undoubtedly represented by the production and wealth but without overlooking "quality of life".

WHITE LIST

Since 13th November 2014, Carron Cav. Angelo S.p.A. has been listed amongst the executors of works not subject to attempts of mafia infiltration (the so-called White List) for the province of Treviso.

- This consists in a list established by the territorial Prefecture in accordance with the location of the applicant company's registered office.
- Registration covers the following 'Sensitive Activities':
 - a) transport of materials to landfill on behalf of third parties;
 - b) extraction, supply and transport of soil and inert materials;
 - c) packaging, supply and transport of concrete and bitumen;
 - d) hiring of machinery with operator;
 - e) supply of wrought iron;
 - f) operated Equipment Rental;
 - g) road haulage on behalf of third parties;
- senior managers in the company (Legal Representatives, Technical Directors, Board of Statutory Auditors, Supervisory Board, Attorneys) and their life partners on the basis of the new Anti-mafia Database by the relevant Prefecture.
- This speeds up the time it takes to have the Public Administration verify the company, replacing the anti-mafia certification.
- This is reflective of the current situation within the company due to having a validity of only 12 months and because of the obligation to be updated through the immediate communication of any corporate changes to have taken place.

**ORGANISATION, MANAGEMENT AND CONTROL MODEL
AS PER LEGISLATIVE DECREE 231/2001**

Legislative Decree no. 231/2001 introduced administrative liability for legal persons. This has led to the risk that, upon specific criminal cases arising, the company may be subject to financial and prohibitive sanctions. The adoption of this model prevents crimes being committed through defining the internal regulations and precepts verified by the Supervisory Body through auditing and monitoring the information flows regarding the activities carried out within the various areas of the company.

Through its application, the company's activities are constantly monitored, with the entire organisational structure being responsible for its operations. Moreover, the adoption of the model and its effective performance precludes eventual sanctions to be borne by the company.

CODE OF ETHICS

ANCE CODE OF ETHICS
Participation of Carron Cav. Angelo SpA, 24 November 2014

The Code of Ethics adopted by ANCE (the Associazione Nazionale Costruttori Edili, being the Italian Association of private construction contractors), establishes an ethical commitment with the objective of protecting freedom to conduct a business, transparency and legality in the construction sector.

By adopting it, Carron expresses its will to contribute to the achievement of such objectives, applying the provisions contained therein to its activities.

CARRON CODE OF ETHICS

With the resolution of the Board of Directors on 10th May 2013, Carron also adopted own Code of Ethics, representing a set of rights, duties and ethical principles adopted by the Company with regards to employees, government, shareholders and third parties.

By adopting it, the company commits to working towards transparency and legality in its activities, making a number of principles explicit to enhance the company's ethics, better specifying the requirements of the ANCE Code

BASIC PRINCIPLES

Carron considers that legality, correctness and transparency are essential prerequisites for achieving its economic, productive and social objectives. The company ensures its actions conform so as to obtain competitive results that reward ability, experience and efficiency, operating within a context of complete and fair competitiveness, in compliance with the law.

CONTENT

The Code of Ethics contains:

- a set of Rules of Conduct in relations with external stakeholders, collaborators, the market and the environment.
- an organisation and management model for the company, with an efficient and effective system of programming, able to ensure the respect of the rules of conduct by all those working for the company.

The Code of Ethics can be viewed on the website www.carron.it

EXTERNAL RELATIONS

Any information contained in communications with the outside world must be truthful, clear and verifiable.

Any form of gift, the establishment of favourable personal relations even which may appear to exceed normal commercial practices or courtesy, or whereby aimed at receiving favourable treatment in the conduct of any activity are not permitted.

Carron shall provide no contributions, benefits or other advantages to political parties or to workers' trade unions, or their representatives, except in accordance with applicable legislation. In participating in calls to tender, the company shall make offers that ensure compliance with appropriate quality standards, suitable wage levels for employees and existing safety and environmental protection measures.

ENVIRONMENT

The production activities are managed in compliance with the regulations in force, running all preventive checks so as to verify the possible environmental risks arising from the operation. The company undertakes to disseminate and consolidate a culture of environmental protection and pollution prevention by promoting awareness of environmental risks and responsible behaviour.

EMPLOYEE RELATIONS

The company considers human resources as the main factor for the success of any enterprise, within a framework of mutual loyalty and trust between employers and employees. All personnel are employed under regular employment contracts. Employment is conducted in compliance with the regulations in force, encouraging continuous improvement and growth for all employees, also through the development of educational initiatives.

HEALTH AND SAFETY

The company guarantees the physical and moral integrity of its collaborators, in full respect of the regulations in force, including for temporary and mobile construction sites. In carrying out its activities, the company ensures adequate accident prevention measures and a safe and healthy work environment. The company is committed to spreading and consolidating a culture of safety amongst all its employees and subcontractors.

CHECKS

The company adopts specific provisions for monitoring the compliance of the conduct of any person acting on its behalf, in order to detect and eliminate any situations of risk in a timely manner. Given the articulation of activities, the company adopts a system of delegation of powers and positions, with the assignment of tasks being issued in explicit and specific terms to people with suitable capabilities and skills.

LEGALITY RATING

On 14/09/2021 the Autorità Garante della Concorrenza e del Mercato (AGCM - being the Italian Competition Authority) confirmed the three star-legality rating awarded to Carron Cav. Angelo S.p.A.

The AGCM defines the company's level of legality reached through a score attributed to the individual applicant companies. The evaluation criteria include the minimum requirements for obtaining a base score equal to one star. In addition, there are seven other requirements for the eventual increment of the score awarded. Each condition satisfied corresponds to a +. Every three + earns a star up to a maximum of three stars and one +.

The Legality Rating represents the highest certification a company can obtain to this end, resulting from a very thorough verification of ethical behaviour within the company by the AGCM (Italian Competition Authority). The Rating is an important guarantee for the Public Administration and the company's possible clients, constituting a necessity when it comes to associated benefits in granting public funding and the facilitation of access to bank credit.

NEW TECHNOLOGIES - BUILDING INFORMATION MODELLING

BIM as an opportunity to optimise processes

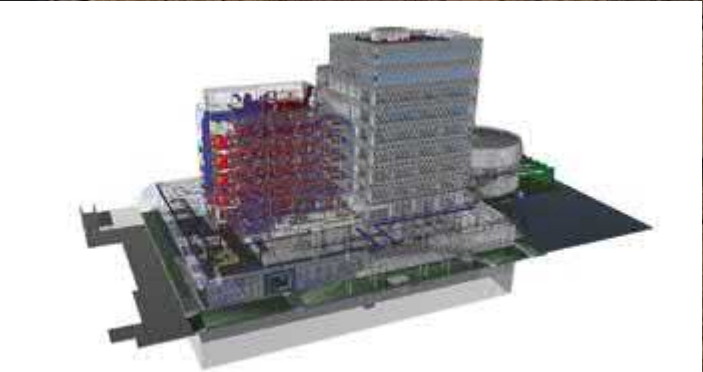
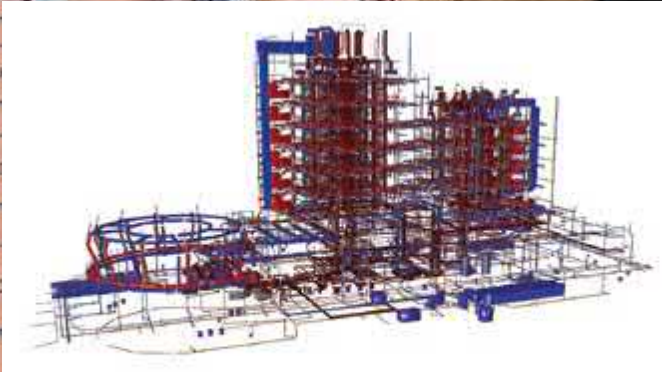
We continue on our path of digitisation and information standardisation through Building Information Modelling in response to the increasing challenges posed by clients, but above all we are driven by the desire to improve construction processes in order to gain a competitive advantage. This represents an advantage in terms of reducing errors and redundancies during the construction phase, thanks to greater coordination of technical information, which BIM facilitates by making data more accurate and at the same time accessible and easier to visualise. We have expanded the team dedicated to BIM management and coordination, adding new specialised staff alongside site technicians in order to facilitate the use of the new tools and promote the exchange of skills and 'on-the-job' training that are essential for the digital translation of site needs.

Innovative support for order management

We have placed BIM at the heart of the information management optimisation project undertaken since 2018, with the ambition to create a virtual construction site in order to anticipate construction issues but also to support the time-related (4D) and economic (5D) planning of construction schedules, thus improving the efficiency of the entire process. For this purpose, we are adopting standard classification systems used for the construction and parameterisation of information models, to enable the rapid and semi-automated evaluation and computation of works and the transfer of quantitative information to the technical management system, and then to the site team. This has allowed us to improve forecast reliability and therefore project performance monitoring.

Scopes of application

For orders where we are engaged as a general contractor in charge of construction design and information management, we have defined a dedicated organisation chart to best meet the client's needs in terms of BIM. The most striking examples are the construction sites Immobile in Via Pirelli 35 in Milan, Hotel Bvlgari in Rome and OpenZone Towers in Bresso, where our specialised in-house resources coordinate the design teams, performing clash detection and code-checking activities using dedicated software and managing the platforms dedicated to collaboration. Thanks to the data-sharing environment, all parties involved, from clients and designers to suppliers and our workers, communicate through a common interface, through which it is possible to analyse and verify projects, as well as defined approved flows, allowing us to bring BIM to the construction site and digitise the entire process. In addition, in all contracts an as-built model (AIM) is delivered upon completion of the works, which includes links to the data sheets and keys required to use the models for facility management purposes. We have also taken the BIM route for our own initiatives, for example, in the restoration and renovation of Palazzo Roccabonella, where we applied the 'Scan-to-BIM' process for the three-dimensional rendering of the existing building from a point cloud as a basis for development of the design in BIM and the subsequent computation of the works. Further examples are the residential care facilities in Cecina and Limbiate, the residences in Silea and the Ca' Amata residence, where the information models made it possible to easily manage an advanced work breakdown structure (WBS), essential for works planning and control.



"The Building Information Modelling (BIM) is a process for the generation and management of the information of a construction project. The physical and functional characteristics of the work are represented and collected by means of 3D information and multidisciplinary models. It represents a shared information source, which can be used as a support in the decision-making process by all the parties involved, for the entire life cycle of the work, from the original conception stage, through construction and management, up to the dismantling of the same"

INNOVATIONS

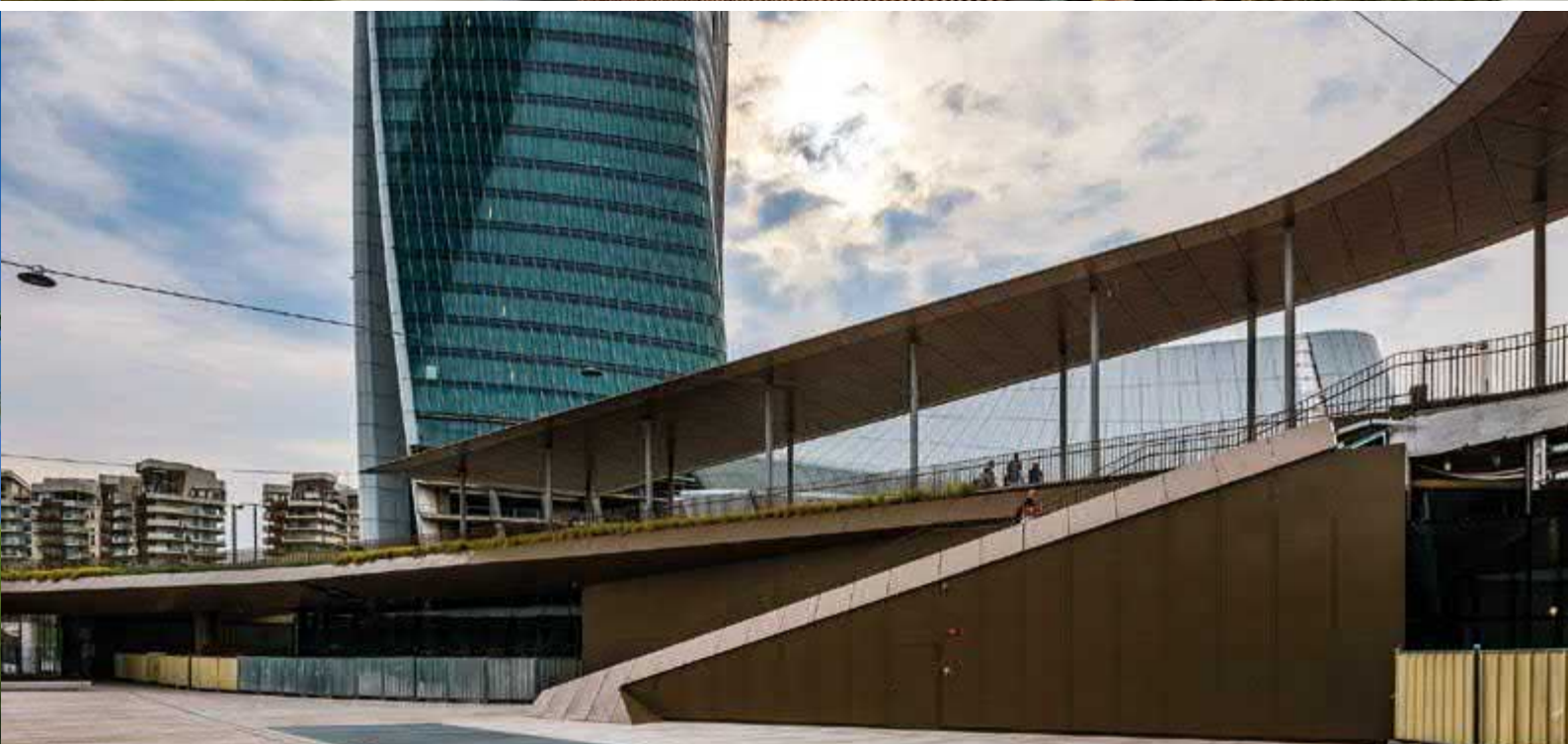
Carron Group continues to take concrete steps towards new technological horizons to meet specific business demands as well as innovate an entire digital ecosystem that must always be up-to-date and in step with market demands.

The Group has always been an innovator of business processes, and boasts:

- A **cloud-based information management system** that makes “agile” working a reality, so that all documentation relating to the works, whether technical, administrative and legal, etc., can be accessed at any time, from any place or device, and in a secure manner;
- A **new modern, virtualised IT infrastructure** where information flows through real databases that are BIM (Building Information Modelling) models. These models are ‘containers’ of everything that, in terms of information, constitutes the nature of the site (timings, costs, schedules, materials, quantities);
- A **hyper-converged infrastructure** that allows work sessions to be virtualised including **graphics** (3D) that are always accessible.

With the evolving scenario and increased risk of attacks, the company continues to invest in cybersecurity processes to protect data and daily operations.





MAIN PROJECTS UNDERWAY



CLIENT

BULGARI GIOIELLI S.P.A. - VALENZA (AL)

BVLGARI FACTORY EXPANSION IN VALENZA AND PECETTO DI VALENZA (AL)



The project to expand the Bvlgari Gioielli production plant in Valenza and Pecetto di Valenza (AL) includes the construction of four new LEED Gold certified environmentally sustainable buildings with a gross floor area of approximately 19,000 m², and external infrastructure works, from functional road layouts to company car parks, technological networks and underground utilities.

The new factory building will be developed on three levels reaching an above-ground height of 10.9 m and a total gross floor area of 12,800 m². The load-bearing structures, the interior architecture, the external glass and metal finishes, and the types of installations will be generally similar to those of the existing factory built by Carron.

The complex will be completed with a second, predominantly multifunctional building called Central Building that will serve as a link between the two factories, and will have a total gross floor area of 4,900 m². In addition, two technological buildings will be constructed to serve the new factory and the entire production site.

CLIENT

SAVILLS I.M. S.G.R. S.P.A.

OPEN 336 BUILDING



The new office building in Viale Sarca fits in continuity with the development of the Bicocca district, a former industrial area in the north-east area of Milan. The building, whose facade interprets the chromatic mood of the area, consists of 2 underground floors used for parking, a ground floor with ancillary areas (entrance hall, meeting rooms, utility rooms, etc.), 4 above-ground floors of office space, and a roof with the function of a technical floor (air treatment unit, photovoltaic system, pressurisation system).

The total surface area covers 8,900 square metres. The 2 underground floors will be delivered finished while the above-ground floors will be delivered core & shell with only the staircases, lifts and bathroom block completed. The design of the facade sees the distributed use of pilasters and stringcourses made of coloured fibre cement in a pinkish-orange shade reminiscent of brick. The load-bearing structure of the building is made of reinforced concrete. The vertical structures consist of three load-bearing staircases, pillars, walls and bracing elements. The decks are made using solid reinforced concrete slabs with U-Boot formwork.

LEED and WELL certifications are provided for.

CLIENT
COIMA SGR
PIRELLI 35 OFFICE BUILDING REDEVELOPMENT, MILAN



This project by Park Associati and Snøhetta in Milan merges architecture, landscape and two different approaches to design to create a generous, permeable and publicly accessible building that becomes an area of transit and urban reconnection.

Following strip-out and demolition work, the complex now consists of 2 underground floors and an 8-storey above-ground shell. The project involves the renovation of the existing building and the construction of a new 2-storey roof extension, the construction of a new building called the 'Bordoni Building', consisting of 6 above-ground levels and a basement, and the construction of a metalwork 'bridge' called the 'Bridge Building', which will connect the existing building with the Bordoni Building.

Pirelli 35 consists of 2 buildings:

- The existing C-shaped building is approximately 40 metres high. The existing structure is preserved, while floors 9 and 10 (roof extension) are the subject of new construction.
- The new building (Bordoni Building) has an L-shaped floor plan and is 20 metres high. It includes a newly constructed portion in reinforced concrete and a suspended metalwork portion, bridging the 2 bodies (Bridge Building).

The ground floor includes the main lobby and shops (retail): these spaces are organised around a courtyard. Floors 1 to 10 house the offices. All the buildings feature newly constructed glazed and opaque aluminium facades. The aluminium cladding features a textured finish, simulating GFRC and brass (existing building towards Piazza Einaudi and towards the courtyard) and brick (Bordoni Building), in terms of texture, colour and three-dimensional dusty effect.

CLIENT
REGIONE MARCHE
NEW HOSPITAL COMPLEX IN FERMO



This project consists in the executive design and construction of the new hospital in Fermo. The basic idea behind the project was to structure the hospital complex into 4 blocks for various healthcare and other services, simultaneously dividing the services for inpatients (high- and low-care stays) from the areas dedicated to diagnosis and treatment, along with an internal structure (Block A) dedicated to outpatient services, for Day Care (Day Hospital and Day Surgery) activities. The hospital complex consists of 11 buildings, rising from a single base plate. The main figures are as follows: Gross surface area: 56,000 m²; gross volume: 230,000 m³; total number of beds: 362 (287 inpatient beds, 53 outpatient beds, 22 intensive care beds; number of operating theatres: 7; Parking spaces: 760. Structurally, the building is defined as having 'full base isolation,' with the entire structure supported on over 480 seismic isolators and sliding supports, as well as 40 viscous dampers, allowing the load of the entire building to be fully carried by the foundation system (vertical actions), but at the same time completely isolating it with regard to the horizontal forces that are typically generated during a seismic event. In addition to the ongoing works are all the preparatory works such as the creation of an alternative road network for residents, solving interferences with underground utilities, explosive ordnance surveys and archaeological surveys that have brought to light the remains of various dwellings and over 100 Roman and prehistoric era burials along with various accompanying objects. During the work, Carron S.p.A. was granted a further contract for the design and construction of the entire external road network connecting the new hospital facility with the provincial road.

CLIENT
KRYALOS S.P.A.
DEMOLITION AND CONSTRUCTION OF A BUILDING ON VIA GATTAMELATA IN MILAN



The project includes, first of all, the demolition of the existing buildings, which occupy the whole perimeter of the lot, consisting in 9 above-ground levels and two underground floors. Then, a new office building will be implemented, consisting of 2 floors below-ground which will be used as garage and technical premises, with a gross surface area of 3,870 square metres per floor, and an above-ground area divided into three interconnected buildings that rise up 8, 11 and 14 floors respectively, with a gross surface area of 22.700 square metres. On the inside, the building opens up on two main halls, where the main staircases of the complex are located. The shape of the ground floor can thus allow both to divide the building in two big sections and to use one of the above-mentioned halls, if case be, as the main one and, accordingly, the other one as the secondary one. The first floor of the complex has a hybrid shape, divided in office premises and meeting areas, while the remaining above-ground floors are entirely for office purposes. The building will be awarded Platinum-level 2009 LEED Core & Shell Certification.

CLIENT:
EDIZIONE PROPERTY S.P.A.
RENOVATION OF THE BUILDING COMPLEX IN PIAZZA AUGUSTO IMPERATORE, ROME



Carron is carrying out the renovation of the former INPS building in Piazza Augusto Imperatore in Rome, owned by Edizione Property SpA, for the transformation of the same building into the future Bvlgari-branded hotel. The architectural complex is located between Piazza Augusto Imperatore and Via della Frezza and dates back to the Fascist period in the 1930s when renovation and redevelopment of the area adjacent to the Mausoleum of Augustus began. Designed by arch. Vittorio Ballio Morpurgo, the building was constructed between 1936 and 1940. Under the strict supervision of the Capitoline Superintendence, the building's redevelopment will involve its transformation into a 5-star luxury hotel with the redesign of the interior spaces, interventions to improve the existing structures, and the creation of the rooms and large public spaces. The building will be equipped with all the plant engineering and design comforts characteristic of such interventions. The existing facades will undergo preservation and restoration work to restore the ancient splendour of their marble and brickwork.

CLIENT
CDP IMMOBILIARE S.G.R. S.P.A.
NEW YSL COMPLEX



The project will transform the existing building complex into the new Yves Saint Laurent production plant, with adjoining offices. The existing buildings will be completely redeveloped and there are plans to create public and private parking spaces, carry out landscaping works, and complete and adjust the section of public road.

The complex consists of 2 buildings covering a total area of 29,300 m²; building A is developed over 4 floors while building B has 3 levels. The ground floor will house rooms dedicated to leather cutting and material storage; the first floor is mainly dedicated to assembly and quality control operations; the second floor has offices (bldg A) and prototyping, modelling and finished product rooms (bldg B); finally, the third floor features spaces for training, a conference room, canteen, kitchen, other offices, meeting rooms and facility rooms. The external areas will also be redeveloped with the construction of a new private car park and forecourt (31,000 m²), a public car park (13,900 m²), and the redevelopment of the existing public road system. The works will be carried out according to the LEED protocol (Gold level).

CLIENT
OSPEDAL GRANDO SRL - TREVISO
CONSTRUCTION OF THE NEW HEALTHCARE HUB IN TREVISO,
EXTENSION AND MODERNISATION OF THE CURRENT HOSPITAL.



The project consists in the construction of the new healthcare hub in Treviso, which foresees the extension and modernisation of today's hospital. The project is called the "cittadella della salute" due to the new vision of the healthcare hub, which is based on the simplification, optimisation and modernisation of the facilities and services provided therein. The hospital macro-area, which represents the core of this project, is the beating heart of the entire hub, offering easy and intuitive access to the four functional sub-areas: the central office area, conceived as the main entrance of the building, as well as the main start and end point of the communication chain; the administrative centre, whose function is quite clear; the macro-centre for the territory, offering the most requested services which will communicate and promote health to as many people as possible; the training centre, in which training, research, and teaching activities will take place through the university; the highly-technological logistics macro-centre, conceived as a large dock, the port of arrival for goods, the production and distribution of energy received directly from the Sile river. All this within a green area extending across 5 hectares.

The operation covers an area of over 167,000 square metres, within which 90,000 square metres consists of new structures, 57,000 square metres of renovations, the achievement of the LEED Italia standard and the use of sustainable resources.

CLIENT
OPENZONE S.P.A.
CONSTRUCTION OF 'LE TORRI' BUILDINGS WITHIN THE OPENZONE REAL ESTATE COMPLEX
IN BRESSO (MI)



This project is located within the OpenZone scientific campus located in the municipality of Bresso in Milan province. The campus expansion project aims at doubling the existing spaces and number of laboratories, to achieve an overall campus size of 37,000 m² and accommodate up to 1,200 people.

The intervention consists of the demolition of the existing structures, the construction of a four-storey 'piastra' building covering the entire area of intervention, with two storeys below ground. Two towers will be built for use as laboratory offices; these will be linked by walkways for internal movement. The 'piastra' is a large area and is organised around generous common and meeting spaces, meeting rooms, conference rooms, and exhibition and relaxation areas. The entrance atrium will be on the same level, with its double height giving flexibility and quality to the space.

There will also be an area dedicated to communication called Open Circle.

The project involves the preparation of BIM construction drawings executed on site by the technical team.

CLIENT
KRYALOS SGR S.P.A.
RENOVATION OF AN OFFICE BUILDING COMPLEX IN VIALE REGINA GIOVANNA, MILAN



The building is currently divided into two units (street numbers 29 and 27) with dual access from Viale Regina Giovanna and a secondary access overlooking Via Maiocchi.

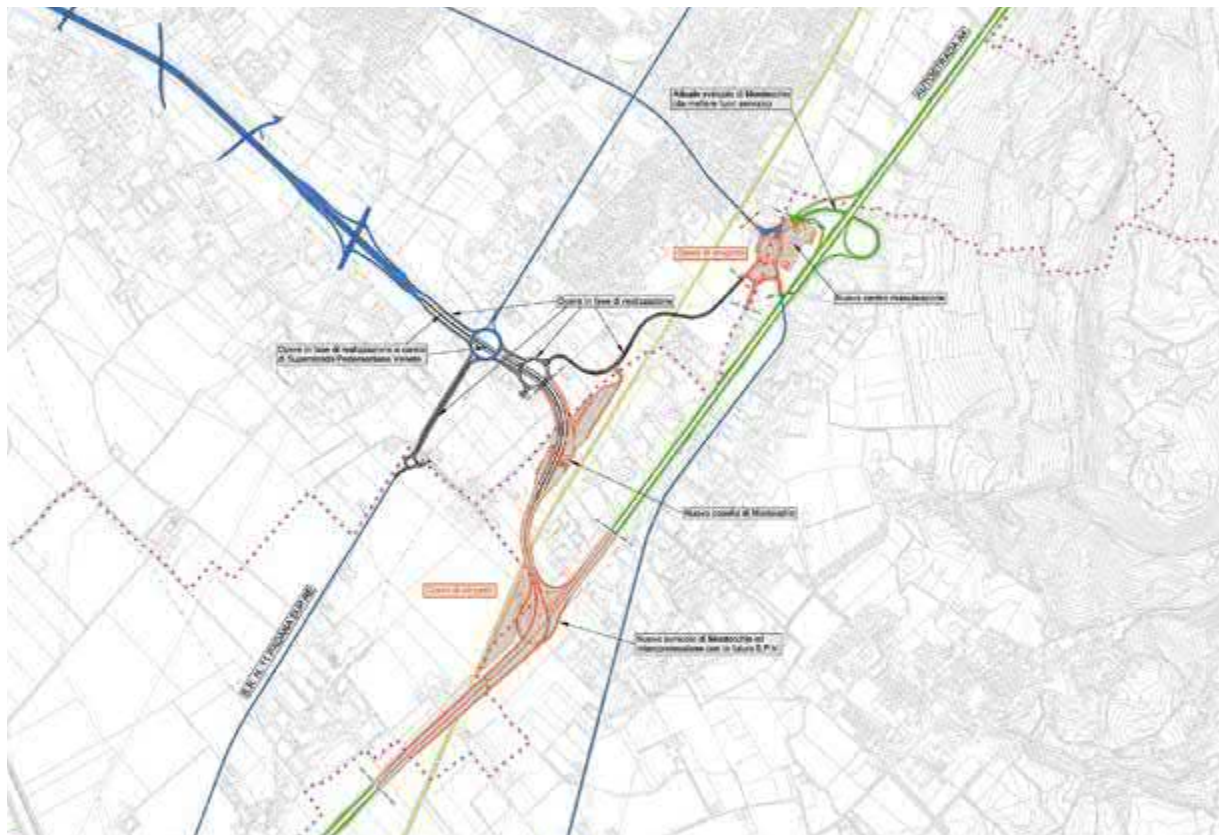
The two units will be joined to form a single property. The building consists of two main rectangular-shaped bodies, one parallel to Viale Regina Giovanna and the other arranged parallel to the rear of the site. The two buildings will be connected by two transverse bodies: the first on three levels that also closes the site internally, and the second, parallel to the first and placed in the middle, connecting the buildings on two levels. The last volume to close the site overlooks Via Maiocchi, three storeys above ground, arranged obliquely to the other volumes so that it remains parallel to the street. The building facing Viale Regina Giovanna is made up of 6 above-ground storeys, while the interior ones consist of 3 above-ground storeys. The underground floor houses part of the offices, some parking spaces, changing rooms, storage rooms and utility rooms. The project aims to adapt to the current standards required for workspaces, in order to meet the different market demands, whether single-tenant or multi-tenant. The roof on the top floor will be freed from the installations that currently saturate it, with the plant parts moved to the basement.

The building must achieve LEED Core & Shell v4 certification (Platinum level).

CLIENT

AUTOSTRADA BR-VR-VI-PD

NEW BUS STATION IN MONTECCHIO MAGGIORE AND LINKS TO THE REGULAR ROAD NETWORK – ROAD COMPLETION WORKS



The current A4 Motorway exit at Montecchio Maggiore is an important motorway junction connecting the primary road system to the regional and provincial mobility system, as well as to the Superstrada Pedemontana Veneta (SPV) motorway. In such a context, therefore, the road system of the present project makes it possible to create a new exit interconnecting the motorway system with the ordinary network, in a different position from the current one and, above all, compatible with the junction of the new Superstrada Pedemontana Veneta, to ease the traffic load conditions on the road and existing junctions, and to build a new maintenance centre, larger than the current one, at the current location of the Montecchio Maggiore exit. It is an extremely complex project due to the significant interactions with the flow of motorway and railway traffic. In particular, it is planned that the motorway site, strongly affected by the construction of the new infrastructure, will be diverted to the south for a stretch of approximately 2,000 m, with a maximum transverse movement of the carriageways of approximately 30 m. This section of the road will be completely resurfaced. The upgrading, reconstruction and new construction of the following road structures will also be carried out: G01 and G02 railway tunnels, Montecchio junction (with motorway flyover, underpass and slip roads) and junction buildings serving all the motorway activities already in operation at the current junction. Lastly, a series of minor hydraulic structures and works for the control and regulation of the existing hydraulic water network.

CLIENT

PROVINCE OF TRENTO

EXECUTIVE DESIGN AND EXECUTION OF CONSTRUCTION WORKS FOR THE 1ST EXPANSION STAGE OF THE TRENTO 3 PURIFICATION PLANT



The project concerns the construction of a purification plant for sewage from the municipal sewer system serving the drainage basin comprising the municipalities of Aldeno, Besenello, Calliano, Cimone, Garniga, Trento and part of Villa Lagarina for a total population equivalent of 300,000 inhabitants (site I + II).

In short, the project involves the construction of a screening and initial lifting structure, a purification plant, the main work (ground surface area 34,000 m²), a new section of state road to replace an existing one interfering with the purification plant (1000 lm plus junctions and connections), and a collector sewer network for final discharge of treated effluent into the Adige River.

The work, which is of primary importance and interest for the entire Autonomous Province of Trento, represents a cutting-edge structural and landscape intervention. The intervention area will be fully integrated into the surrounding environment by masking and covering the structure with the replanting of previously removed native flora.

The cutting-edge technological, plant engineering and energy content make the Trento Tre purification plant unique in the municipal sewage treatment industry.

MAIN DELIVERED PROJECTS



CLIENT

H-FARM - TREVISO

NEW SCHOOL-CENTRAL OFFICE CENTRE FOR THE H-CAMPUS IN RONCADE (TV)



Located in Roncade, in the province of Treviso, on the Tenuta Ca Tron of H-Farm, on the Venice lagoon, the H-Campus project is destined to create the most significant innovation and training hub in Europe, offering education from primary school to specialisation courses (from 6 to 25 years), with a focus on the digital, the English language and entrepreneurship. Project figures: about 23,000 square metres of new spaces, out of a total of more than 50 hectares, that will be able to accommodate 3,000 people, with 1,800 students.

The operation, financed by a real estate fund, envisages the extension of the surface currently occupied by H-Farm, which now comprises 14,000 square metres of buildings and 12 hectares of parkland, with the addition of a further 31 acres of land, on which about 23,000 square metres of new buildings will go up. It is a sustainable project, completely self-sufficient in terms of energy and landscaping: the structure is an integral part of the campus.

The works proceeded at a fast pace with peaks of 350-400 workers a day to ensure delivery of the buildings and their green spaces in time for the start of the of the 2020/21 school year.

CLIENT

SERICON INVESTMENT FUND

RENOVATION OF THE "CORTILE DELLA SETA" BUILDING, MILAN



The intervention was carried out on the historical building called "Cortile della Seta, which features a courtyard shape, in the centre of Milan, built at the end of the XIX century. Carron is overseeing the building's renovation project, as well as the renovation of the curtain walls and the widening the windows on the sides facing the street. Furthermore, the works include the demolition of the roof and the construction of an additional floor and the implementation of a new glass roof, built with a series of sheds of different sizes near the main lounge area: this will allow to enhance natural light filtering and to adjust air exchange. The building will consist of 1 underground and 6 above-ground floors for a surface of about 23,800 sqm. The building will achieve the GOLD-level LEED Core&Shell 2009 certification.

CLIENT

G.R.E. SRG (GENERALI REAL ESTATE) - MILANO

REDEVELOPMENT OF THE EXECUTIVE BUILDING IN VIA CHIESE, MILAN



The property on Via Chiese 72-74 is located in the Bicocca district, east of the great transit road Viale Fulvio Testi in Milan. The building in question consists of 8 floors above ground and 1 basement level with a total surface area of 11,000 square metres. Before commencing with the restoration works for the property, intensive internal removal and demolishing activities were completed. This was followed by operations which optimised the flexibility and divisibility into units for individual tenants, with the realisation of new interior finishes, a new layout of pathways and service blocks. The following steps focused on the optimisation and adaptation of the technological system, with a new plant and a new set of measures to control energy, so as to ensure the building falls under Class A3. Finally, the façades were renewed by restoring the appearance of the building, with a new architectural design that took into consideration the energy performance, the flexibility and characteristics of the work spaces. The building falls under the Platinum Level LEED class.

CLIENT

COIMA SGR SPA - COIMA OPPORTUNITY I - MILANO

CONSERVATIVE RESTORATION OF AN OFFICE BUILDING IN VIALE SARCA 235, MILAN



The building is located in Viale Sarca 235, Milan. The intervention involved the redevelopment of the building, the underground car park and the related external works. The renovation project has enhanced the qualities of the existing building; the existing curtain wall system was replaced with a new façade characterised by transparency, modularity, simplicity and clarity of form. The building is equipped with two external staircases that have been renovated, with two new staircases added to these. As part of the works, the mechanical, electrical and special systems have been redeveloped.

CLIENT
KRYALOS SGR S.P.A. - MILANO
RENOVATION OF PALAZZO "EX POSTE" IN PIAZZA CORDUSIO, MILAN



Restoration of the former Palazzo delle Poste in Milan which hosts the first Starbucks in Italy. The restoration works on the Kryalos complex ended in December 2017, adapting the building complex to modern needs. The project is characterised by the combination between the enhancement of the historical building designed by the architect Broggi and innovation, new interior layouts, and functional and aesthetic improvements. The general redevelopment of the complex, consisting of two buildings, was aimed at redefining the internal distribution of spaces to adapt them to the multi-tenant logic, i.e. making them available to multiple tenants. Originally designed by architect Luigi Broggi, the internal room with double-height ceilings that was once the Post Office agency headquarters has been profoundly altered, having been restored to its original configuration by the removal of a mezzanine floor, which was a visual interference in the general perception of the room as a single environment. Carron is acting as General Contractor, at the forefront when it comes to solving any unforeseen issues. The operation has enhanced the property from a functional and aesthetic perspective, eliminating the superstructures and enhancing the open-air space inside the lot with a new "garden" set-up typical of Milanese courts.

CLIENT
HINES ITALIA RE S.R.L. - FONDO "BVK HIGHSTREET RETAIL CORDUSIO S.P.A."
BUILDING RENOVATION IN PIAZZA CORDUSIO 2 (HINES, UNIQLO)



Redevelopment of the building, consisting of 6 floors above ground, an attic and an underground floor, saw the overall renovation of the building aimed at a new functional redistribution of the general layout. The building renovation project, covering a total surface area of approximately 14,000 m², involved the following interventions: adaptation of the real estate asset according to contemporary performance standards; creation of retail spaces on the ground and first floors; performance adaptation and streamlining of the internal flexibility of the office spaces from floors two to five; recovery of the sixth floor and creation of new living areas; system and performance efficiency improvements; upgrading of the building to comply with fire prevention regulations; structural alterations to improve layout flexibility; renovation of the vertical accesses; renovation of existing facades aimed at improving energy efficiency and the overall restoration of the building. The building will be LEED certified - GOLD level.

CLIENT

FINAQUILA S.R.L. – HOTEL LOCARNO ROMA

RENOVATION AND REDEVELOPMENT OF HOTEL LOCARNO IN ROME



The building complex, for hotel use, consists of building A, with 6 floors above ground and an underground floor, building B with 4 floors above ground and an underground floor, building C with a single floor and finally a communal courtyard bordered by the 3 buildings.

The works in question were carried out on 44 rooms of the 5-star category hotel complex, with a surface area of approximately 4,600 m². In particular, the renovation of the building was focused on finding a compromise between respecting the characteristics of the existing envelope and the need to recover the building for its current use. The intervention on the building structure consisted in maintaining the existing external wall envelope, by means of simple maintenance work for the refurbishment of plastering and paintwork, with a new internal layout of rooms, adaptation to current regulations for overcoming architectural barriers and adaptation of systems for the new layout of the structure itself.

CLIENT

BULGARI GIOIELLI S.P.A. - VALENZA (AL)

CONSTRUCTION OF A BUILDING FOR JEWELLERY PRODUCTION AND RELATIVE OUTBUILDINGS AND INFRASTRUCTURE WORKS IN VALENZA (PROVINCE OF ALESSANDRIA)



The works involved the construction of a new jewellery manufacturing facility with outbuilding for office use in the municipality of Valenza in the province of Alessandria. The production complex is one of the largest in Europe and can contain over 700 workers. The plot is part of a larger complex that provides for the redevelopment of the entire area with the construction of an exhibition area, a new road system and new standards. The contract also included the construction of a new access road via the existing roundabout and two public car parks with a total capacity of approximately 130 parking spaces. The new road system ends just beyond the entrances to the car parks at the entrance to the new production site. The road continues inside the private property where the employee car parks are located.

The project was drawn up according to the LEED 2009 Italia for New Construction and Major Renovations protocol and has reached the LEED Silver standard.

CLIENT

UNIVERSITA' DEGLI STUDI DI PADOVA

RESTORATION OF THE "FORMER GERIATRIC HOSPITAL" COMPLEX FOR THE CONSTRUCTION OF THE NEW HEADQUARTERS OF THE UNIVERSITY OF PADUA'S HUMANISTIC DEPARTMENT



The project consisted in the redevelopment of the former geriatric hospital, with a change in intended use. It now houses a new humanities centre for the University of Padua, with libraries, classrooms and department offices. The proposal for the new humanities department was structured on the basis of three principles: the utilisation and recognition of the sequence of open spaces, the redevelopment of the historic features and merit of the area of operation and the urban reconnection of the new complex with the surrounding development. The first theme concerned the arrangement of the Cloisters and courtyards, through a study of the spaces and pathways that will mark the new library hub that will be housed within the 19th-century part. The second theme concerned the interior spaces of the 19th-century structures in reference to their original presentation, subsequent evolutions and current requirements. The third theme concerned urban reconnection, a key issue for the entire complex and natural consequence of the change in use from once being a geriatric facility. The complex is split into 2 lots: Lot A with 12 building bodies and Lot B with 5 constructions covering an area of 14,738 square metres.

CLIENT

GUCCI LOGISTICA S.P.A. - SCANDICCI (FI)

COMPLETION OF A NEW LOGISTICS HUB IN SCANDICCI



The new logistic hub of excellence, Gucci ArtLab, is part of the restoration of an abandoned industrial site. Completed in December 2017 and inaugurated in April, it is a large production and management complex. The buildings have a total surface area of approximately 40,400 square metres, across an overall area of about 47,300 square metres. Carron has coordinated all works, completing the finishes on the interior and the pre-existing central building systems, in addition to undertaking to complete the seismic improvement of the existing structures in reinforced concrete. The project was drafted according to the LEED 2009 protocol, with a Gold level of certification having been achieved. The new production centre dedicated to leather goods and footwear contains areas for research, machinery, robotics and hand-working, with a total workforce of around 700 people.

CLIENT
CARRON CAV. ANGELO S.P.A.
 IMPLEMENTATION OF NURSING HOMES IN NICHELINO, TURIN



New rectangular building consisting of an underground floor of approximately 1500 m² and 6 floors above ground for a total of approximately 10,000 m². It features a flat roof that houses technological systems, underground areas for parking and part of the storage facilities, services, etc. There are 4 elevators and a central stairway to connect the floors, and 2 external iron fire escape stairs. Green space, pavement and surfacing works have been carried out in the private outside area of approximately 3,300 m². There is another area of approximately 10,000 m² for tax deductible OOU works in which the road system in front of the building has been redeveloped, with a new roundabout and pavements, a car park with 50 parking spaces, a cycle lane, new surfacing works, new underground utilities, and an underground culvert for water drainage. The building is intended for use as a residential care facility with a total of 180 beds divided into 100 double and single rooms, with prefabricated bathroom units for inpatient rooms.

CLIENT
BOTTEGA VENETA S.P.A.
 DEVELOPMENT OF CORPORATE AND PRODUCTION HEADQUARTERS



The new headquarters, not far from the castles of Montecchio Maggiore, includes a 55,000 m² park and an 18th-century historic palazzo (Villa Schroeder-Da Porto) protected by Italian architectural heritage laws. In the conservative restoration of the palazzo, the façade in local stone, gateways, columns, statues and fountains have been retained, but the building has been extended with a new structure. In carrying out the work, particular attention was paid to the existing building structures which have been restored using 75% of them, as well as to construction materials coming from within a minimal distance of the palazzo, to the exclusive use of wood certified by the Forest Stewardship Council, and to the detailed separation of waste produced. To allow the terrain to thrive as in the past, particular attention was paid to the recovery of pre-existing nature by using certified materials and plants. The presence of greenery is only the first of a series of benefits dedicated to Bottega Veneta workers. Indeed, the most important aspects of the project are linked to the environment and are aimed at limiting the use of water, artificial lighting and overall energy saving. The most significant initiative in this sense is the 1,200 m² of photovoltaic panels installed on the roof of the palazzo, as well as the rainwater recycling and heating and air conditioning systems based on underground heat exchange to minimise CO₂ emissions. Bottega Veneta has obtained LEED New Construction and Major Renovations certification at the highest achievable level – Platinum, becoming the first company in the world in its sector to do so.

CLIENT
ZAMBON IMMOBILIARE S.P.A.
 RENOVATION OF THE 'EX BOCCARDO' BUILDING IN BRESSO, MILAN PROVINCE



The renovation and widening of the "ex Boccardo" building has recently been completed, giving rise to the new "C3 ex Boccardo" executive office building inside the Zambon Campus in the municipality of Bresso, Milan.

The new complex consists of 3 factory units, the Office Body (management offices and meeting rooms), the Open Circle (conference room) and the Avant-corps (entrance).

The operation lot has an area of around 4,900 square metres and featured a logistics warehouse. Some of the existing warehouse constructions have been preserved, whilst others have been demolished.

The new building is split over 2 floors above ground, with a total area of about 4,600 square metres. The office body is comprised of an existing portion to be renovated and a new section with a prefabricated structure. The Open Circle consists in a metal carpentry structure and glass dome. Finally, the Avant-corps has reinforced concrete structures cast on site and a wooden cover. The outer shell of the new complex consists in glazed façades with pillars and steel beams. Once the works are completed, Carron will deliver the As-built Model drafted in BIM, organised for the purpose of Facility Management of the new Zambon office building.

CLIENT
PIZZATO ELETTRICA - MAROSTICA (VI)
 NEW COMPANY HEADQUARTERS IN MAROSTICA (VI)



The project involved the construction of the new headquarters for the company Pizzato Elettrica, a leading company in the construction of position switches, limit switches, micro-switches and safety switches. Two new buildings were constructed, differentiated in terms of function and connected by walkways, as well as internal pedestrian pathways and driveways on the lot.

The building that houses the offices is rectangular in shape, with the longest side overlooking Corso della Ceramica, whilst the production structure, square in shape, is within the lot. The space between the two factory bodies, being approximately 13 metres, is characterised by an extensive void ensuring good illumination and ventilation for the overlooking rooms. The production building will have three levels, two being above ground and one below ground. The office building, which also contains a number of workshops, is split into three levels above ground and two below ground. Both buildings have been designed to be easily enlarged into the southern areas of the lot used for greenery, should future expansion be required. The total area of the project is approximately 28,000 square metres of new construction, divided into a 22,500-square-metre production building and 5,500-square-metre office building.

CLIENT
PATAVIUM S.R.L.
RENOVATION AND RESTORATION OF THE HISTORIC PALAZZO ROCCABONELLA IN PADUA



This intervention is in the heart of Padua, in Via S. Francesco in one of the oldest historical buildings of the city centre, a few steps from Prato della Valle, the Basilica of St. Anthony and the Bo Palace. It consists of the conservative restoration of the listed Palazzo Roccabonella, which dates back to the end of the 15th century and was further enlarged in the 18th century. With its generous dimensions and the approximately 900 m² of courtyard with garden, the building will give rise to 30 housing units, 49 underground garages with two-way access camouflaged in the garden, 2 commercial spaces and a gym reserved for residents. The project is the perfect trait d'union between the most austere conservative restoration, it being one of the most treasured and impressive buildings in Padua, and the advanced design with the use of instruments such as 3D laser scanners, Scan to BIM process and BIM modelling, running along a dual and parallel track: history and technology, tradition and innovation.

CLIENT
IMMOBILMARCA S.R.L.
SILY DEVELOPMENT PLAN: RESIDENTIAL UNITS IN SILEA



The overall project involves the development of 4 residential buildings, each composed of 6 floors above ground with facings and balconies that will give light to the entire compound. The company Immobiliarca intends to proceed in two phases, constructing the first lot of buildings (C3 and C4), with the second lot (C1 and C2) to follow, both with the underground part where residents' parking spaces, storage areas and service areas will be located. Each building will feature 28 mixed-type units, from mini-apartments to three-bedroom apartments, all provided with garden and/or a usable terrace. The construction features are based on the search for trendy materials and finishes, by paying the utmost attention to energy efficiency and sound proofing (Expected energy class: A) with the heat pump system powered by photovoltaic panels that will significantly reduce the consumption costs of the individual apartments.

CLIENT
CARRON CAV. ANGELO S.P.A.
 COMPLETION OF NURSING HOMES ON VIA MAROCHETTI - TURIN



Renovation of two specular buildings of 5 floors above ground and a basement level, separated by an internal communal courtyard and centrally connected on the ground floor by a covered structure in reinforced concrete and via the basement with a tunnel. The operation consisted in the functional recovery of the two buildings with the construction of two distinct Residential Care Facilities having 200 beds each, referred to as the "Residenza Massimo D'Azeglio", with its main entrance from Via Marochetti no. 11 and the "Residence Parco Valentino" with its main entrance from Via Chiabrera no. 34. Between the two buildings, the internal condominium courtyard was retained for the use of the structures. From a construction point of view, the buildings feature a solid reinforced concrete structure, external hollow walls and a flat roof, which is unusable. The external surfaces of the facades are covered with travertine slabs. The complete renovation of the building consisted in demolition interventions and removal of all the walls and internal partitions, structural reinforcement, requalification of the external facades, remake of all the internal finishes and implementation of new mechanical, electric and special systems.

CLIENT
HOTEL EDEN SRL - ROMA
 RENOVATION AND REDEVELOPMENT OF HOTEL EDEN ON VIA LUDOVISI IN ROME



This Dorchester Collection property houses Hotel Eden, located in Via Ludovisi 49 on the corner with Via Porta Pinciana in Rome's historic centre. It is a highly urbanised context that is heavily frequented by tourists. The hotel is spread over six floors above ground and one below. All the ground floors are intended to be used for hotel accommodation, whilst the 6th and top floor contain the restaurant "La Terrazza dell'Eden" as well as the Penthouse suite. Stage 1 of the contract concerned the demolition and strip out works in general. Stage 2, rather, has led to a complete redevelopment of the building, both in terms of the civil and structural works and the installations. The structure has been classified as 5 Star Luxury.

CLIENT

BNL GRUPPO BNP PARIBAS

RESTRUCTURING AND REDEVELOPMENT OF THE BNL BUILDING IN ROME



Complete restructuring of a complex built in the early 1960s, with a focus on renewal and energy efficiency, to achieve Class A1 classification. Carron was responsible for the overall coordination of the worksite, along with all construction works. The intensive activities, which began in August 2017, were concluded in September 2018. It was a very extensive construction site spread over 10 floors, with 2 being underground, one on the ground floor and 6 above ground. In all, there is a total surface area of about 40,000 square metres. As part of a 100% redevelopment effort, an extensive environmental remediation project has seen the building obtain asbestos-free certification. The company Engineering Spa has leased the property owned by BNL Paribas Group. The site has been studied in great detail in terms of the design and programming of the works, in order to optimise the resources enacted and to reduce the time of execution.

CLIENT

ALLIANZ S.P.A. - TRIESTE

ARCHITECTURAL AND FUNCTIONAL REDEVELOPMENT PROJECT
WITH CHANGE IN INTENDED USE



The former headquarters of Ras, now Allianz, in Trieste was the subject of a restoration and conservation project that included a set of works aimed at partially converting the building into a hotel belonging to the Hilton chain. The building, the refurbishment of which restored its original splendour, falls under assets subject to protection, for which each operation is subject to the requirements of the Superintendence. During the works, the building was partly occupied by businesses that were not involved in the project. Since visibility and accessibility had to be ensured, a cantilevered scaffold was erected on the shop facades, while a pedestrian tunnel was built along the other facades. The structural operations, the building works, the restoration and installation - each aspect has been initiated by considering both the coherence with the prestigious architectural and cultural context of the city, along with availing of the most innovative solutions in the management of spaces and services.

CLIENT

MANIFATTURA BERLUTI - FERRARA

CONSTRUCTION OF A NEW PRODUCTION PLANT IN GAIBANELLA (PROVINCE OF FERRARA)



Carron built the new plant commissioned by Manifattura Berluti for the manufacturing of its products, within a plot located in the town of Gaibanella to the south of Ferrara. The building was constructed within a larger plot of land used for agriculture. The building is characterised by the presence of two distinct structures: the main building for production and management activities, and the second, smaller one for the technological systems functional to the building. The designer chose to give these buildings an extreme integration with the surrounding space and the natural environment.

CLIENT

SALVATORE FERRAGAMO S.P.A.

CONSTRUCTION OF THE NEW FERRAGAMO Q BUILDING IN FLORENCE



The works in question included all underground utility shut-off works, the removal of installations and the entire demolition of the buildings named R-L-Q in preparation for construction of the new building named Q.

The new building has a usable surface area of approximately 10,000 m² and consists of an underground floor for use as a car park and four above-ground floors with the ground floor for storage, retail and reception area use and the remaining three floors for office use. The structural platform consists of metal beams and ceilings completed with castings. The façade offers very high insulation performance levels while high quality finishes were chosen for the interiors. The building is equipped with ordinary and special systems of a high technological level. Attention to quality was a priority during all phases of the building process from design to construction, resulting in LEED Platinum certification.

CLIENT

KRYALOS SGR S.P.A. - MILANO

CONSTRUCTION OF A NEW BUILDING TO COMPLETE THE PIRELLI CAMPUS IN MILAN



The completion of the “New Pirelli Offices and related services building”, between Via Sarca and Via Piero and Alberto Pirelli in Milan is the final missing component to the layout of the executive Pirelli Campus, where the Headquarters are located. As part of this project, the historical headquarters of Pirelli’s executive offices were demolished, with the construction of a contemporary building for use as offices and meeting rooms, internal training rooms for Pirelli employees and the company dining hall. The operation took place within the Bicocca district. The Campus consists of a series of buildings that mark the corners of the area, whilst the interior space is characterised by a charming secret garden. In addition to the newly-constructed buildings, the elements of the historic buildings of the Bicocca degli Arcimboldi and the Fondazione Pirelli stand out. The new building harmoniously integrates within its context, in dialogue with the historical and contemporary buildings, in continuity with the past and future.

CLIENT

ALLIANZ S.P.A. - TRIESTE

REQUALIFICATION OF THE HISTORICAL ALLIANZ LOCATION
ON LARGO UGO IRNERI IN TRIESTE



The intervention involved a central structure named H, consisting of 6 floors for the central part and 5 for the four perimeter wings, and two separate structures at the back named A and B respectively.

During the renovation work, the continuation of activities on site was ensured.

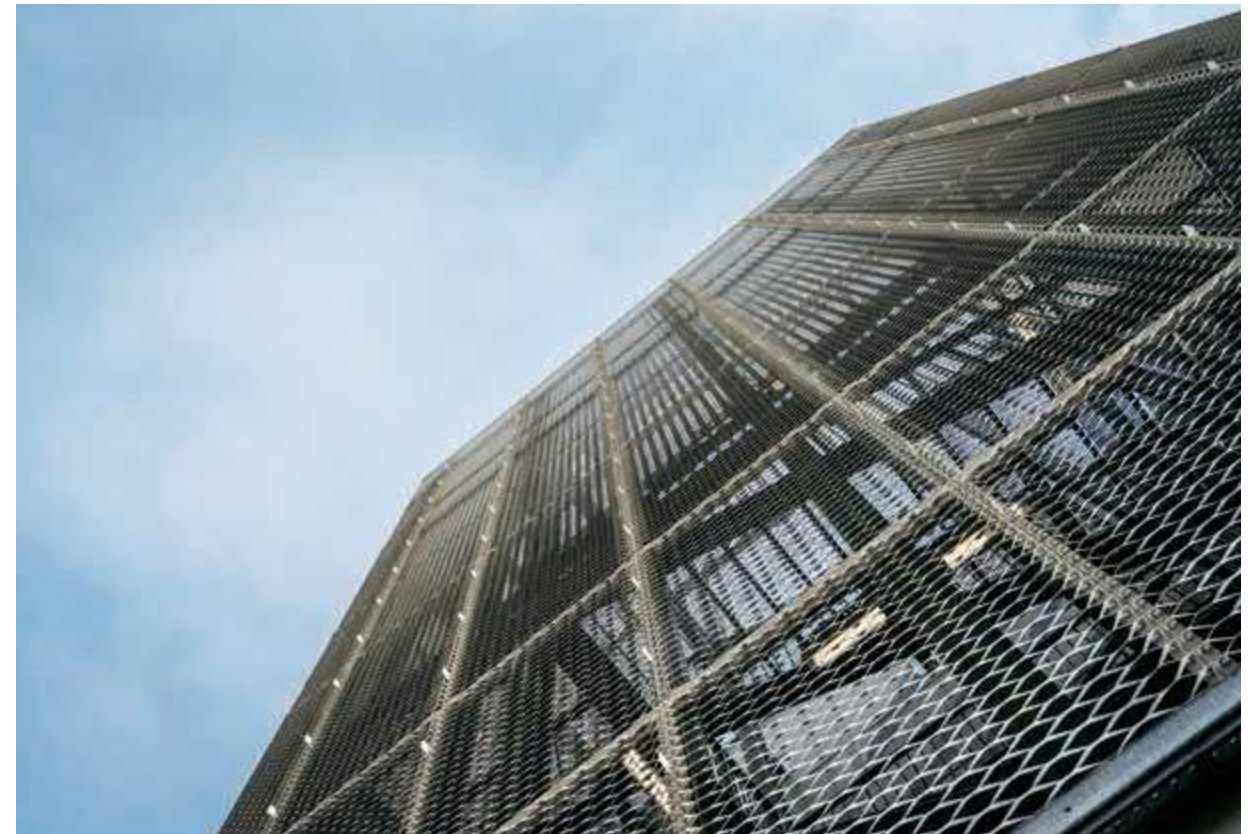
The redevelopment involved 35,645 m² of which 34,355 m² concerned building H and 1,290 m² building A. Approximately 28,000 m² are for office space. The mechanical and electrical systems were entirely renovated, with a view to energy efficiency. The mechanical and electrical systems were entirely renovated, with a view to energy efficiency.

CLIENT
PROVINCE OF MANTUA
RENOVATION OF THE FORMER SS 236 GOITese / NORTHERN RING ROAD OF GUIDIZZOLO



This is a strategic project worth 48,448,000 euros, with 41.3 million euros of funding from the Lombardy Region and the remainder from the Province of Mantua. The infrastructure affects three municipalities: Guidizzolo, Cavriana and Medole. It makes the road network in the area north-west of Mantua more efficient, helping to relieve even heavy traffic from built-up areas, thus improving road safety and the quality of life of citizens. It is a significant and complex work, consisting of overpasses, underpasses, tunnels and roundabouts with a limited impact on the landscape thanks to the positioning of the new ring road completely in trenches, which involved around 600,000 cubic metres of excavation.

CLIENT
ZAMBON IMMOBILIARE S.P.A.
EXPANSION OF ZAMBON HEADQUARTERS IN VICENZA



Zambon SpA, owner of the pharmaceutical plant located in Via della Chimica 9 in Vicenza, intends to develop the expansion of the production facility with a new build in the southern portion of the site, comprising three above-ground storeys. The building will be constructed in the vacant area to the south of the plot. It will have three storeys above ground and will be built adjacent to the existing south-facing building, so that it is directly connected to the existing complex. The purpose of its construction is to increase the plant's production capacity, with three floors dedicated to production and other areas for future expansion. There will also be a technical penthouse on the roof, an area equal to roughly one third of the building's floor area, with the sole function of housing the plant engineering systems for production.

CLIENT
DIESEL S.P.A.
NEW DIESEL HEADQUARTERS IN BREGANZE, VICENZA



Conceived with a multifunctional logic and multiple uses in mind, the new Diesel headquarters in Breganze was built by Carron Group with the intention of creating a fully-fledged village. Next to the offices there are plans for a nursery and kindergarten, indoor garden, sports facilities (football pitches and a gym), bar, auditorium and osteopathy clinic. All in the name of respect for the environment and well-being in the workplace. The project developed by Studio Ricatti of Vicenza is on a human scale. The structure, featuring fluid architectural volumes and transparent materials, is singular, harmonious and functional, thanks also to the series of pedestrian footpaths and overhead walkways that connect the various spaces. The design of the buildings is characterised by the centrality of light as an architectural and symbolic element. Large glass surfaces allow natural light to enter and spread through every room. The light sources blend harmoniously and elegantly, providing optimal visibility at any time of the day.

CLIENT
CARRON CAV. ANGELO S.P.A.
IMPLEMENTATION OF SOCIAL HOUSING IN TURIN



The above-mentioned interventions refer to the construction works of the building complex in Strada della Pronda in Turin. The first lot consists in the implementation of a building, featuring 11 above-ground floors and 2 underground levels. The above-ground levels (from level 1 to level 11), instead, will be developed as social housing for a total of 129 accommodations. In the 2 underground floors, finally, there will be 129 individual garages belonging to each accommodation (second underground floor). The ground floor will house a commercial complex, covering about 4,000 sqm, of which 2,500 sqm will be used for a supermarket and 118 parking spaces to be used by the commercial business (first underground level). Work completion is scheduled for 2020.

PUTTING HEALTH FIRST

WELFARE CARE: JOINING THE “PREVENZIONE È VITA” PROJECT

This year, too, we took part in the WelfareCare project, specifically because “we care about welfare”, being interested in initiatives that promote the safety and well-being of our workers. To this end, we partnered with the project “Prevenzione è Vita” (“Prevention is Life”) to provide women in the Carron group aged 40 to 49 years the option to have mammograms in the closest affiliated no-cost diagnostic centres.

Preventive screening is essential for early detection of breast cancer, the most frequent neoplasia in women. This is because the probability of making a full recovery is directly related to receiving an early diagnosis.

In Italy, screening programmes include a free mammogram for women aged 50 and 70 years of age, once every two years. Just in the last few weeks, the San Giacomo hospital in Castelfranco has activated a new senology clinic that operates on a voluntary basis to provide prevention services to women of pre-screening age.

The “Prevention is Life” programme implements our health protection initiatives, the values of which inspire us also to offer free check-ups for corporate management.

But the Carron Group’s social commitment is also expressed throughout Italy, beyond the corporate boundaries.

THE INITIATIVE TO HUMANISE ONCOLOGY CARE WITH THE FONDAZIONE ALTRE PAROLE ONLUS

Courses on creative writing, narrative medicine, music therapy and martial arts, along with psychological support for patients and their families through systemic family therapy are all offered through this network. These are just some of the activities carried out by the Fondazione Altre Parole in promoting “well-being in Oncology”. The initiatives in which the Group Carron has participated since the inception of the foundation, chaired by Dr Fernando Gaion, are aimed at enacting an entire series of opportunities to help people affected by the “disease of the century” to enrich their spirit and continue to express themselves, in the knowledge that everything that goes into a person regaining their life is considered as care.

The Fondazione Altre Parole Onlus promotes patients coming into contact with the art world, through painting, writing, music, and a wide variety of emotional experiences. The Carron Foundation works towards changing the reception areas within healthcare sites from an aesthetic and architectural perceptive, as well as on an organisational level, to ensure that patients are able to exercise their role as protagonist and not merely a passive spectator in the care provided. It is a commitment that involves not only the patient but also their family. Through Family Therapy, the foundation’s specialists assist families during the patient’s clinical procedures, underlining the repercussions that may impact upon the entire relational system, with the objective of improving the quality of life for members of the entire family. This objective is pursued by strengthening social support and always putting people first.

THE COMMITMENT TO ELIOS ONLUS TO IMPROVE THE QUALITY OF HEALTHCARE

With the association ELIOS Onlus, founded in August 2017, of which Carron is one of the 24 corporate and professional entities, we have already reached an important goal in improving the quality of healthcare by donating state-of-the-art equipment to Ulss7 every year.

ELIOS, an acronym for Esperienza, Lavoro, Impresa, Obiettivo, Sanità (Experience, Work, Enterprise, Objective, Health), has completed its first project, donating a state-of-the-art digital operating room to the San Bassiano hospital, which works closely with the Santorso and Asiago facilities. Thanks to this room, the hospital in Bassano has become the first in Italy to offer such avant-garde instrumentation, being innovative technology for minimally-invasive surgery, which results in a significant reduction in terms of discomfort and risks for the cancer patients, whilst also diminishing the social burdens of post-operative recovery. This investment of several hundred thousand euro came about following Elios’ meetings with health leaders, working in partnership with Ulss 7.

“Our goal is to help bring important innovations to hospitals,” explain the siblings Arianna, Paola, Marta, Barbara and Diego Carron. “The role of those in business is to contribute to the social and economic development and well-being of the territory in a broad sense”. This includes social investments, commitments to promote cultural initiatives and supporting sports associations. Carron continues to invest in building a better future within a broad range of areas.

WITH ‘I BAMBINI DELLE FATE’ FOR A DIFFERENT VIEW OF SOCIAL ISSUES

Carron collaborates with I Bambini delle Fate, a social enterprise that since 2005 has worked to provide economic support for social inclusion projects and pathways for families affected by autism and other disabilities. The aim is to spread a different view of social issues, without dismissing or minimising the burden of daily challenges and hardships, and talk about, with a smile, the potential of children and young people, and the great strength of their families.

WelfareCare

ELIOS Onlus
Esperienza Lavoro Impresa
Obiettivo Sanità

Altre Parole
FONDAZIONE ONLUS

I BAMBINI DELLE FATE
per l'inclusione sociale



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