



THE CULTURE OF BUILDING

**AUTUMN 2019** 



"Please, allow me the opportunity to remember the name of my father, Giuseppe Maltauro, founder of the first Company of the Group. As a veteran of the WWI, he resumed his work as a bricklayer, then became a master builder and, finally, with the help of his children, an esteemed and very important entrepreneur. This brief mention belongs to an intimate and personal heritage and may seem rhetorical: as if the aim was to praise, by way of comparison, the current very different and complex reality of the Group. Instead, I would like to simply pay a tribute, besides to the Man he was. also to those

besides to the Man he was, also to those values – work, sacrifice, honesty – that have made the constant progress of our activities possible and remind such values to all of us, especially to the youngest ones, at a time in which they are more necessary than ever".

We wanted to open the autumn edition of our company magazine by mentioning the words - now more contemporary than ever - of Mr Cavaliere del Lavoro Adone Maltauro, who together with his daughter Amalia strongly believed in this information medium. Both of them, deeply rooted in the hearts of all of us although they are no longer present, gave importance to the fundamental values on which the Group still relies today, committing themselves to transmit them to all the employees.

Enjoy your reading!

# INDEX

BUILDING SITES IN THE "BELPAESE"	
Carpi, a logistical pole on behalf of Enel S.p.A.	04
The value horizon of Borgo Berga	04
Redevelopment of the Marco Polo Venice airport	05
Cepav Due, High Speed resumes	06
Milan building sites in ferment	07
BUILDING SITES AROUND THE WORLD	
"Limassol Delmar" residential center in Cyprus	08
Cape Verde: The Praia Airport	09
A26 "Linzer Autobahn" in Austria	10
NEWS	
"YOUNG TALENTS" PROGRAM	
NEW RECRUITS	

# **BUILDING SITES IN THE BELPAESE** CARPI, A LOGISTICAL POLE ON BEHALF

# OF ENEL S.P.A.

The works for the design and redevelopment of a former gas turbine plant located in Fossoli, in the municipality of Carpi (MO), have been officially delivered. The existing structure was demolished to allow the construction of a pole destined to the logistical management of materials included in the ENEL production cycle. The work has covered an area of about 50,000 square meters, consisting of an industrial building (built with a prefabricated structure having a surface of about 20,000 square meters), external storage areas (about 17,000 square meters), the internal road network (about 13,000 square meters) and the related system works (sewerage, electricity distribution network, fire-fighting system). The aim of the work was to carry out the "turnkey" realization of the logistic platform, including the supply, realization and design of all the works falling within the covered and uncovered areas with reference to the structural, functional, system engineering and architectural aspects. An applause to all the collaborators involved!

# THE VALUE HORIZON OF BORGO BERGA

In Vicenza, in Piazza Pontelandolfo, just outside the historic center, we are developing, together with the Gavio Group, the innovative real estate project called "Borgo Berga". It is an office, commercial and residential complex designed by the world-famous architects Byrne and Nunes, who define it as a real and actual urban catalyst. The heart of Borgo Berga is pulsing more and more and its vitality, energy and the identity of the territory turn their gaze towards the future. Modernity and attention to detail for a living and distinctive space.

For more information visit the website: http://www.borgoberga.it/



# REDEVELOPMENT OF THE MARCO POLO VENICE AIRPORT

This summer, the main runway of the Marco Polo Venice airport reopened to traffic after 3 months of continuous work, which saw the daily presence of qualified workers (350 people) and over 400 building site vehicles a day. This represented the third phase of the intervention wanted by Save S.p.A., and entrusted to the ICM-Itinera groups, for the overall redevelopment and adaptation



of the flight infrastructures at a cost of 135 million EUR. The extraordinary nature of the entire work consists in having been carried out without interrupting the airport's operations. "We are proud to have successfully completed these first phases of the intervention, which seemed initially unattainable: we have demonstrated once again that when there is a smart and intense team spirit of all players involved, our companies know how to achieve ambitious objectives", declared with satisfaction Mr. Gianfranco Simonetto, President of the ICM Group.

Here are a few numbers relating to these first objectives achieved: 642,500 square meters of paved area, 35.5 km of power cables (Light Visual Aid), 840 km of power cables, main runway being 3.3 km long and 75 meters wide.

Efforts are now being made to complete the next steps; the second runway will be completed by 2020 thanks to the valuable expertise of an extremely large number of collaborators.

Up to now, the works have involved several actors in the different executive phases at management, works management and practicability/final testing level, fully aimed at the attainment of the final result. It should be underlined that the key aspects to success are the technical specifications of the high-performance materials in terms of durability, the forecast reuse of the existing materials, and the constant presence on site 24 hours a day, seven days a week, of the Works Management function and of a laboratory chosen by the contracting authority for on-site verification tests and quality control checks on construction materials.



### **CEPAV DUE, HIGH SPEED RESUMES**

After months of stop for further study by the Government, the work by Cepav Due has finally resumed. We are part of this consortium for the construction of the Brescia-Verona lot, being part of the High Speed/High Capacity (HS/HC) Milan-Verona line, an integral part of the Mediterranean Core Corridor connecting the Iberian Peninsula to the Ukrainian border, crossing Italy from West to East.

A work wanted by Rete Ferroviaria Italiana (Italian Railways Group).

Here below you can admire the incredible mechanical tunnel boring machine (TBM) built specifically for the consortium that will be used to build the tunnel of Lonato (4757 m of length and 8.70 m of diameter). This is one of the most complex parts of the entire large work and the TBM will allow safeguarding the surrounding environment thanks to the high technology applied during the excavation, providing immediate stability and waterproofing to the tunnel itself.



### MILAN BUILDING SITES IN FERMENT

The ICM Group is involved in two prestigious projects in Milan: "Corso Como Place" and "The Big".

"Corso Como Place" is an ambitious building site, developed by the Porta Nuova Bonnet real estate fund managed by Coima, characterized by the study, research and use of innovative and sustainable materials.

This work is unique in the national panorama for its certifications, sustainability, design and technological infrastructure. It will be a complex with a business and commercial destination of use, LEED, CRADLE TO CRADLE AND WELL certified. The refined pleated glass facades reflect the colors of the sky and maximize the access of natural light, opening up a surprising view on the entire city skyline and reducing energy consumption.

"The Big" is the name of the hotel complex that the ICM Group is redeveloping at the request of Unipol SAI SpA, a 1-minute walk from Corso Como.

The project includes a 4-star superior hotel in the heart of Milan with 173 rooms of various sizes (including 4 penthouses on the thirteenth floor), conference rooms, fitness and spa areas, a restaurant, other living areas, technical rooms and an underground car park. The total area of the works covers around 18,200 square meters.

Both building sites are proceeding at a fast pace, with tenacity and stubbornness! Come on, let's go on!





# **BUILDING SITES AROUND THE WORLD**

### "LIMASSOL DELMAR" RESIDENTIAL CENTER IN CYPRUS

On the island of Cyprus, a residential and commercial center is being built on 34,000 square meters of land along the seafront; an ambitious and well-contextualized project with an innovative design, which will include apartments, stores, car parks and a wellness area with hanging gardens. The construction phase of the structural works is advancing day by day and we are very proud of how our Group responds promptly to this wonderful challenge! A residential and "retail" commercial project, consisting of a basement destined to parking spaces and technical rooms, a ground floor with mezzanine for the commercial areas, and an entrance hall for the three residential blocks (towers A, B and C). The tallest building is the tower C, which includes 23 residential floors, a roof garden on the 27th level and a technical floor on 28th level. The contract includes the execution of structural works (completion of excavations, bailing, special foundations and reinforced concrete structures) and construction works such as masonry, plaster, sub-floors, tile floors for the common areas. The beauty of the Troodos Mountains and the Mediterranean Sea is translated into an architectural form, guaranteeing a special experience. The vision of the residential complex is inspired specifically by the enchanting landscape of the Cypriot coast and, with its undulating silhouette, the design echoes such landscape with grace. Generous terraces and outdoor swimming pools complete the feeling of this place. This design celebrates the many reasons why people have wanted to visit this part of the world for centuries!

For more details visit the website: **www.limassoldelmar.com** 



### CAPE VERDE: THE PRAIA AIRPORT

The expansion and restructuring project of the International Airport of Praia (Nelson Mandela) in Cape Verde has been completed. This project involved works concerning the foundations made of plinths connected by concrete beams, pillars for the laying of the roof beams (made of galvanized and painted metal structural works), external, internal and supporting walls, floors and coverings, glass-aluminum windows, refurbishment of the national and international baggage reclaim area, escalators, freight lifts and new parking areas. In addition, works were carried out concerning the extension and functional verification of the waste water treatment plant, and the renovation of the goods customs building. Congratulations!





### A26 "LINZER AUTOBAHN" IN AUSTRIA



The ICM Group is working on an order in Austria for the construction of a new section of the A26 "Linzer Autobahn", one of the most important projects to reduce traffic in and around Linz, the capital of Upper Austria. We are the 46.5% leader of a Temporary Joint Venture that also includes Maeg, a general contractor specializing in the processing of medium-heavy metal structural works, and the Austrian company F-Pile. The contract, signed with Asfinag, the Austrian Motorway Company, is worth 132 million EUR. The project consists of two lots: one for the construction of a four-lane steel suspended bridge over the Danube, being 385 meters long; and one for the construction of two connecting tunnels, on the north and south side of the bridge, for a total length of 3.3 km. The contract also includes works for the construction of operational centers and support buildings destined to infrastructure supervision, the rock stabilization, as well as the implementation of safety measures. Works are expected to be completed in 2023. Full speed ahead!!!



### RANKINGS

#### **IL SOLE 24 ORE**

The ranking of the 50 largest Italian companies has been published; the radiography of the sector is pitiless, with the definitive disappearance of large companies swept away by the crisis. In this context, the goal achieved by our Group, which ranks ninth in Italy, is important, climbing various positions and demonstrating that it has both the ability to react to the ongoing crisis and proper robustness and solidity. Well done, everybody!

#### ENR

Also this year the ICM Group has been included among the 250 Top International Contractors according to the ENR ranking. Proud of this prestigious award, we thank all our collaborators and look forward with enthusiasm and resolution!

### **CORPORATE VIDEO**

We are working on the creation of the institutional video of the ICM Group. The work is in progress, in the meantime you can get a first idea thanks to the underlying photos of the backstage. Stay tuned!





# TRAINING IN BUILDING INFORMATION MODELING



An intense session dedicated to BIM (Building Information Modeling) training among the management was recently concluded, during which different scenarios were addressed covering the entire structure and processes contained in an Information Management Plan. As a matter of fact, the BIM is a set of innovative methods for the optimization of planning, realization and management of constructions through the help of software that can collect and digitally link all relevant data in order to achieve greater efficiency and an increase in the output quality. Congratulations to the colleagues Enzo Cascioli, Viviana Caponio, Davide and Alessandro Leotta for their attentive participation!

# DISCOUNTED TICKETS FOR THE MUNICIPAL THEATRE

Following the sponsorship contract signed between the ICM Group and the Fondazione Teatro di Vicenza, employees and collaborators can purchase tickets and season tickets for the 2019/2020 season with a 15% discount. The planning for the next season is available on the website www.tcvi.it. In case of interest, please contact the Management Secretariat that will provide the credentials to access the site and take advantage of this discount.

# "YOUNG TALENTS" PROGRAM

In this autumn edition, we continue our journey among the "YOUNG TALENTS" protagonists, i.e. young persons who have joined the Group through a training path. Below you can find the interviews with Gennaro Scognamiglio (Site Engineer at "Alifana"), Jacopo Gusmeroli (Site Engineer at "Hotel The Big"), Maria Laura Vasina and Viviana Caponio (both Site Engineer at "Corso Como Place").



#### Gennaro Scognamiglio SITE ENGINEER AT "ALIFANA" «Participating in the realization of such an important work for my city fills me with pride and enthusiasm!»

Gennaro is a dynamic and responsible civil engineer who has been involved in the "Alifana" project in Naples, a building site whose Piscinola-Regina Margherita Station section is over 2 km long and involves the modernization of the official tunnels, the ventilation/compensation chambers and two city metro stations. Gennaro is enthusiastic; just a few months ago he studied works in terms of design that he can now touch with hand, whose complexities of execution allow him to grow day by day, assisting the technical office and also dealing with quality control and the management of relations with the suppliers. From the university to the building site, the step is a giant one – Gennaro smiles – yet difficulties along the time become successes. This work, he says, is full of facets from a geotechnical, hydraulic and structural point of view; we must, for example, pay utmost care to minimize the vibration-related impact on people and the territory. Gennaro's challenge is a continuous one, a pragmatic young man to whom we wish to realize all his hundreds dreams!



#### Jacopo Gusmeroli SITE ENGINEER AT "THE BIG" HOTEL «I am extremely curious and I am passionate about doing a job

in which it is necessary to always find innovative solutions. I'm the youngest at the building site and after a year here I realize that I have so many uncles who support me!»

Jacopo is working in Milan on the architectural, system engineering, functional and distribution redevelopment of the hotel complex called "The Big", which will be classified as a 4-star superior hotel. The young engineer, a graduate of the Polytechnic University of Milan, thinks that the result can be achieved by lining up several small steps and walking in a precise direction. It's really challenging to respect the delivery time, but Jacopo says that the group is close-knit and that with the eyes you can see, with the hands you can touch and with the head you can better understand any problems, thus reacting promptly.

The young man, resolute and at the same time very cordial, loves team working and is aware that every decision, both his and of the group, has an impact on the entire work and on the final result. This responsibility, therefore, encourages him to always do the best. Every day we are under the spotlight and we hope that Jacopo will be able to make the most of this experience, perhaps having the opportunity in the future to realize his wish, i.e. to try his hand at a foreign building site of ICM in order to satisfy his desire for professional and personal growth!



#### Maria Laura Vasina SITE ENGINEER AT "CORSO COMO PLACE"

«This site is a constant challenge and nothing can ever be taken for granted. The study, research and use of innovative and sustainable materials requires meticulous attention to every single detail»

Maria Laura is our young graduate in Building and Architectural Engineering at the Polytechnic University of Milan who takes care of accounting and work planning within the framework of our ambitious project "Corso Como Place", developed by the real estate fund Porta Nuova Bonnet (Coima). This building site requires considerable efforts as regards the entire monitoring of costs and timing and is growing quickly, day by day, thanks to the work of the entire team, especially in the problem solving stage. Maria Laura is enthusiastic to see, and especially to understand, how all this is taking shape. "It's wonderful to be able to participate live in what I used to study at the university until recently", she says. "Field work this project, unique on the national panorama for its certifications, sustainability and design, influences the surrounding environment towards a progressive improvement, creating new places of aggregation and points of reference. Sky-high enthusiasm and a contagious passion characterize this girl, that's why we hope she will keep having this sparkling and positive attitude!



Viviana Caponio SITE ENGINEER AT "CORSO COMO PLACE" «I am so glad to have been involved in this ambitious project. My learning speed is incredible, as are the infinite stimuli to which I

am subject!»

Viviana loves to be in contact with people and feels prone to work in groups. Therefore, she is excited to participate in the prestigious "Corso Como Place" building site, developed by the real estate fund Porta Nuova Bonnet (Coima); a pilot project from the point of view of the technological infrastructure and eco-sustainability.

Viviana has a degree in Building Engineering from the Polytechnic University of Bari and she came to ICM after a master at the Polytechnic University of Milan focused on Building Information Modeling (BIM), a set of innovative methods for the optimization of planning, realization and management of buildings through the help of software that can collect and digitally link all relevant data. In this way – says the girl – the project can be implemented more efficiently, ensuring an increase in the output quality. Viviana is living intensely a complex building site, whose total duration is concentrated over a period of 16 months. For this reason – she says – you have to be clear-headed at all times and it is necessary to be able to move quickly among the different tasks.

Viviana thinks that life at a building site requires a lot of commitment, but also provides a great satisfaction thanks to the wonderful teamwork and the passionate people who have an extraordinary experience and an incredible desire to pass on knowledge. Well done Viviana, may the challenge always be with you!

## **NEW RECRUITS**

NAME	FUNCTION	COMPANY
Daniele Piubelli	Quality Manager and Test Laboratory Coordinator in Konza (Kenya)	ICM S.p.A.
Davide Fumuso	Estimates - Works Dept	ICM S.p.A.
Fabio Cappatti	Real Estate Office	ICM S.p.A.
Stefano Giuseppe Sella	Project Controller in Konza (Kenya)	ICM S.p.A.
Thank you for joining our Group. We wish you all the best and a great success in your work!		



# BUILDING CIVILIZATION



ITALY- Vicenza Viale dell'Industria, 42



WEBSITE www.gruppoicm.com/en



LINKEDIN www.linkedin.com/company/gruppoicm