

JAN FEB MAR

# VHM

# NEWS

# LETTER

Fujairah International Hospital

# #39





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# PRO-JECT





Pormed General  
Hospital  
Fujairah

The project located in the emirate of Fujairah, United Arab Emirates, in a complex and high potential health scenario, proposes to achieve the following objectives: Provision of the highest quality services, modern facilities and high reference standards, as well as technological capacity with state-of-the-art medical equipment. Presenting the best Health Professionals, covering almost all specialities.

The hospital compound has a total area of 59,600m2, with the following physically interconnected facilities: General Hospital with 100 beds, distributed over 3 floors. Medical and nursing school with capacity for 5000 students. Residential buildings for staff and students; heliport located on the hospital roof and semi-underground parking lot, with capacity for 400 spaces.





**Agriculture  
School**

This type of services or programmes comprise, by nature, buildings with a relevant impact given their complexity, scale and constraints.

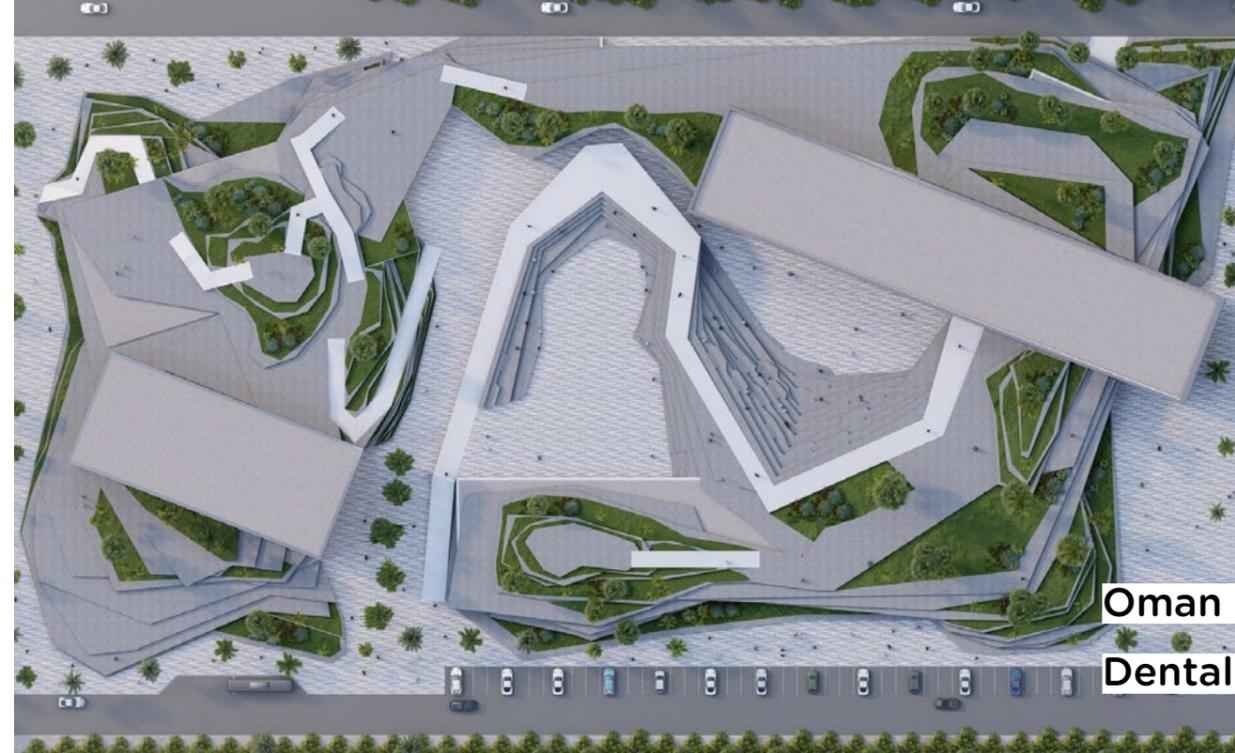
For this reason, and aiming to annul that significant impact, we have designed our building in a more innocuous location, following the land elevation and making it more stable.

Thus, and although the entrance level is at a higher quota and on the most important access road, the building stretches into lower floors prioritizing the solar orientations and privileged views over the agricultural fields.

By implanting the building in a more innocuous location, we also manage to separate the proposed building from the existing constructions and ensure that it stands independently, both in terms of image and functionality, with the main purpose of not competing with, nor annulling or suffocating the existing constructions on the property, namely the monastery, which in itself, and as already mentioned, is a construction of meaningful architectural interest.

From the architectural conception point of view, the development of the project is centred on several main assumptions, which greatly involve the integration of the building into the urban and historical background, its articulation with the rugged topography, the user experience and the improvement of pre-existing conditions.

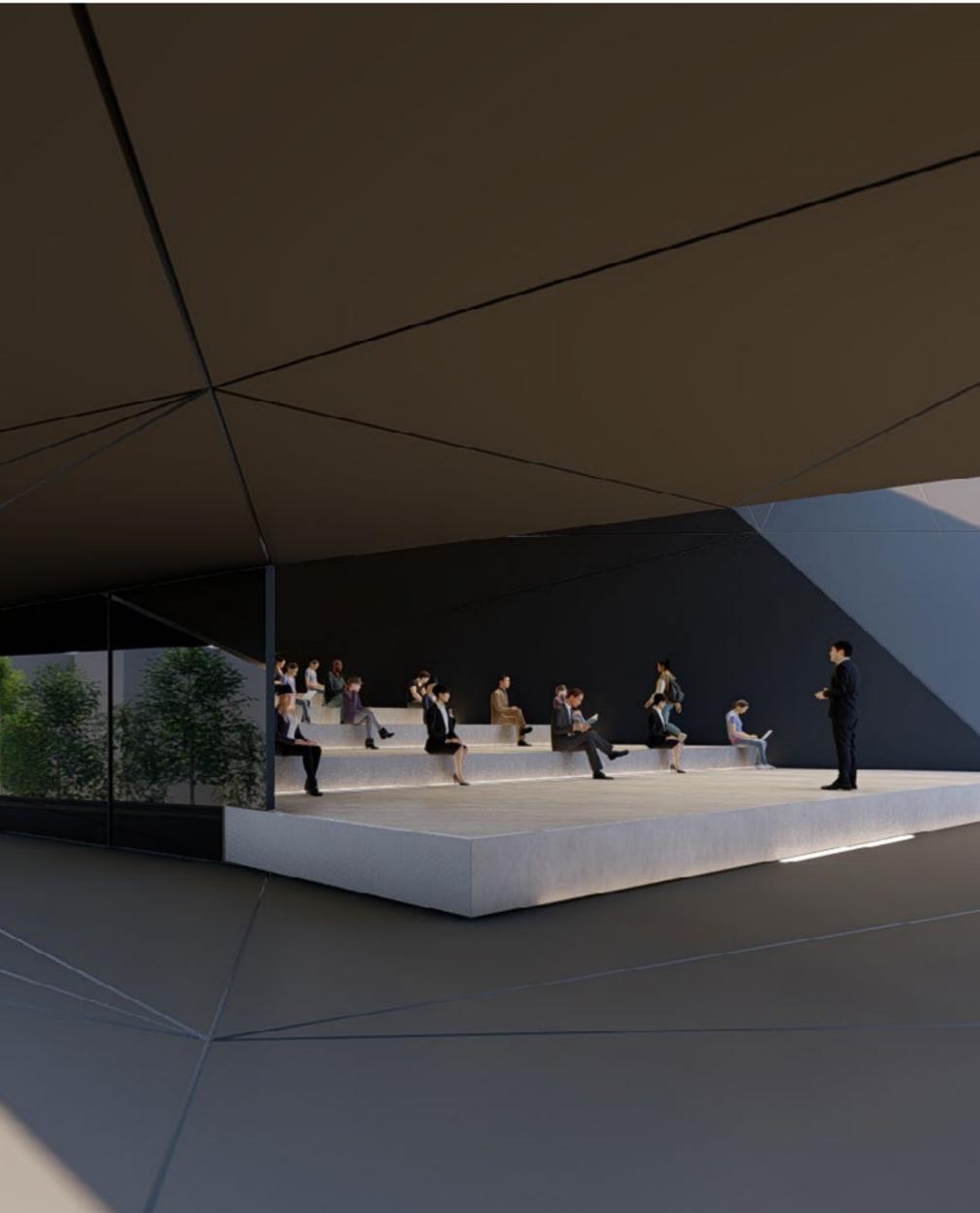




Oman  
Dental College

The Oman Dental College project aims to be a major milestone regarding the landscape's revitalizing. It has a contemporary and appealing image, based on clarity and a very specific identity. Through a rich game of landscaping that unfolds in levels rising in paths and areas of rest/leisure, and that in turn creates large squares, pedestrian paths and outdoor amphitheatres, the project shows a dynamic and organic set. In the search for a unique and formal identity, it was decided to use cladding in its entirety with soft and clear materials, and that together with more horizontal spans creates a light game with the surrounding landscape. There was also the intention to give the building an image of a single block, by using uniform floor covering material and of the same tone as the covering of the external walls.





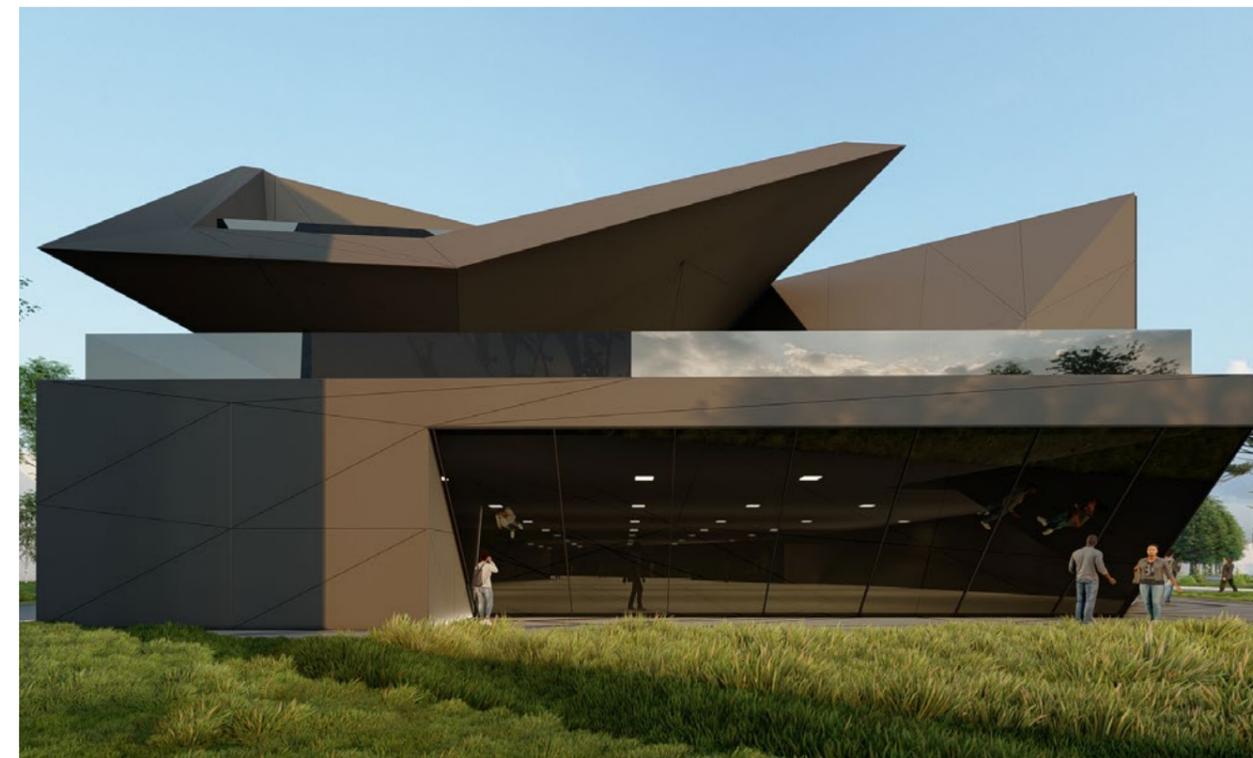
**Technology and  
Management  
School**

The project consists of a new research building for the ESTG, which in turn provides the connection between other existing facilities on the property.

The architectural conception approach is centred on several main premises, which greatly involve the integration of the building into the urban context, its articulation with the topography and the user's experience.

Volumetry is the building's brand image. It stands as a sculpted monolith, inspired by the "machine", adopting an irreverent, spontaneous and swift shape, conferred by its right angles and distorted outlines, with the purpose to be a prominent object of the city, a dynamic landmark.

As such, the building is located in the centre of its site, free from the surrounding constructions, so that it can also be observed, show its shape and volumetry, and evolve towards the surrounding landscape, with the insertion of several points of interest and permanence.



# SUPER- @ - 02 VISION





**Portugal**  
**League Arena**

The first stone for the Portugal League Arena was laid on 22 February 2022. This Arena will be the new home of the League's Headquarters, as well as several related Activities and Equipment, becoming the future Home of Professional Football.

This event was attended by the Mayor of Oporto, Dr. Rui Moreira, members of the City Council, the President of the League, Dr. Pedro Proença, Presidents of several Clubs and other distinguished guests. Another more great Development that counts with the VHM involvement.



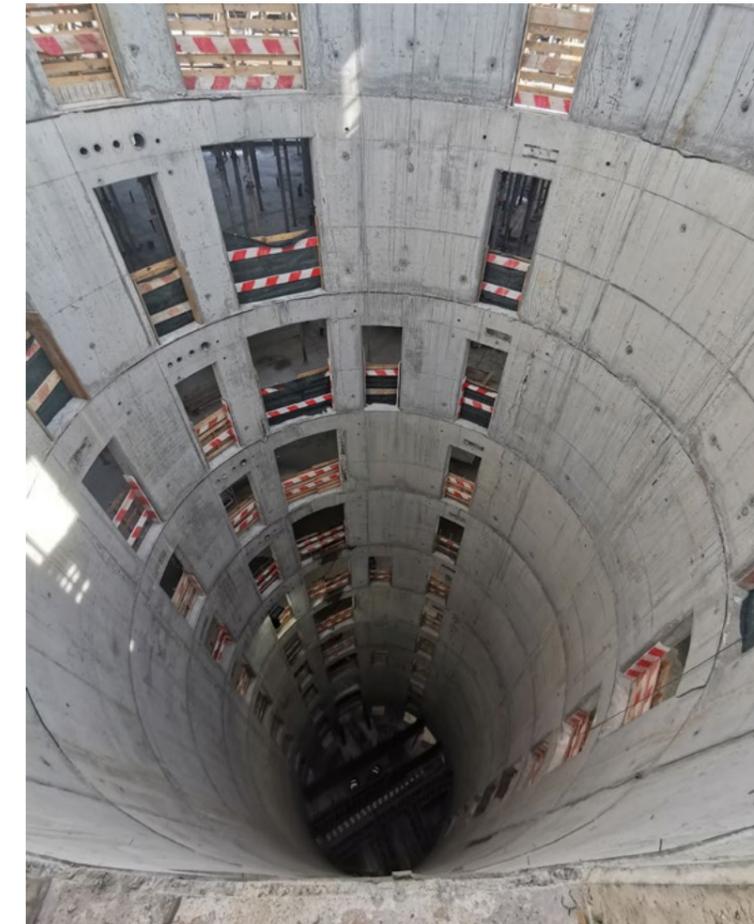
**Porto**  
*Supervision north*



**BigCity**  
**Asprela**

The Hosos Tower BigCity Asprela building - student's residence - is in the structure and finishings construction stage. VHM is responsible for the Supervision and Safety Coordination.

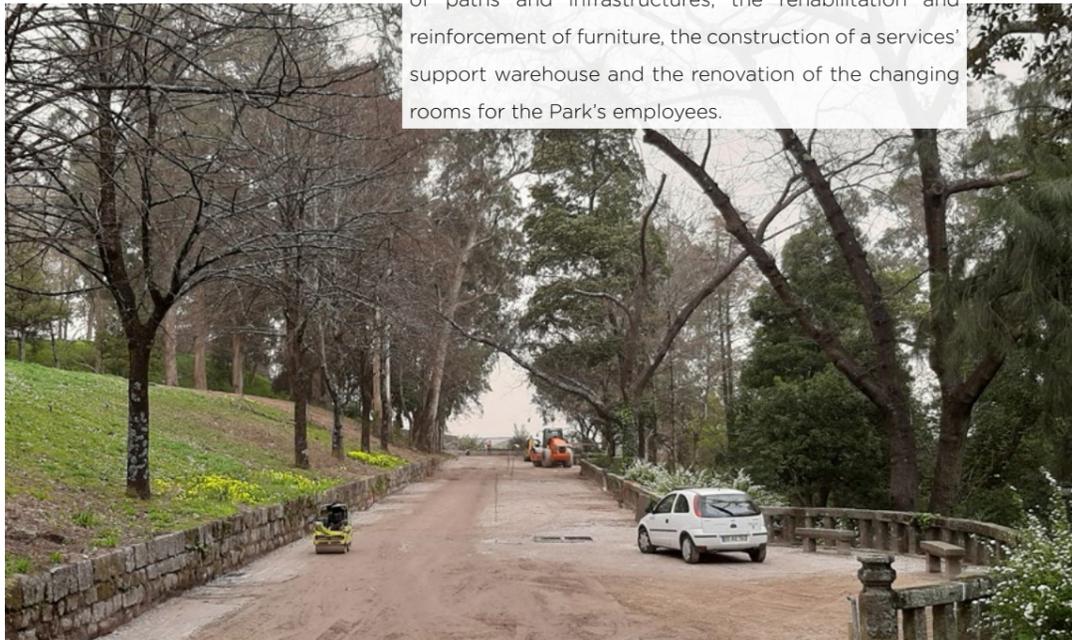
**Porto**  
*Supervision north*





**S. Roque  
Park**

VHM is in charge of the supervision and safety coordination of the works at S. Roque Park. The Park's improvement consists of the requalification of paths and infrastructures, the rehabilitation and reinforcement of furniture, the construction of a services' support warehouse and the renovation of the changing rooms for the Park's employees.



**Porto**  
*Supervision north*



**Azul  
Hotel**

VHM is in charge of the supervision and safety coordination of the hotel: Azul Boutique Hotel, situated just 50 metres away from the D. Luis I Bridge and with an unmatched proximity to the purest and truest culture and history of Porto. It is located in Rua General Torres in Vila Nova de Gaia, it will have 64 rooms, a restaurant, a swimming pool and a stunning view of the Douro River, as well as of the Porto historic centre.



**Porto**  
*Supervision north*



*3d simulation of the end*





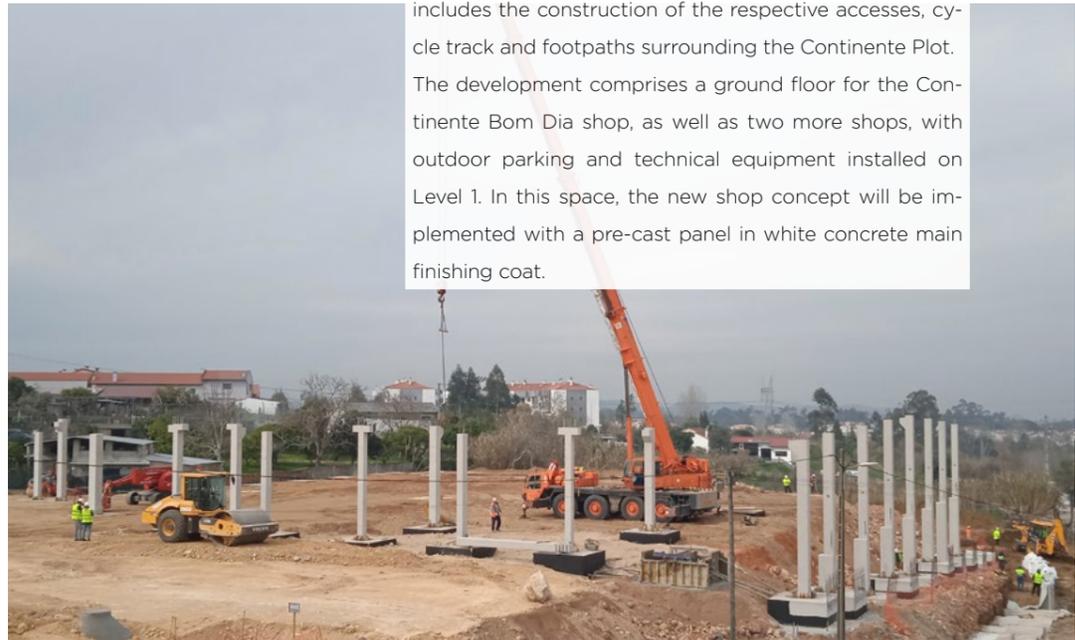
**Continente  
Condeixa**

VHM is currently supervising the construction work of the Bom Dia Continente in Condeixa, which began in December 2021.

The Contract is part of the proposal for the Urbanisation and upgrading of the existing road infrastructures, which includes the construction of the respective accesses, cycle track and footpaths surrounding the Continente Plot. The development comprises a ground floor for the Continente Bom Dia shop, as well as two more shops, with outdoor parking and technical equipment installed on Level 1. In this space, the new shop concept will be implemented with a pre-cast panel in white concrete main finishing coat.



**Coimbra**  
Supervision centre

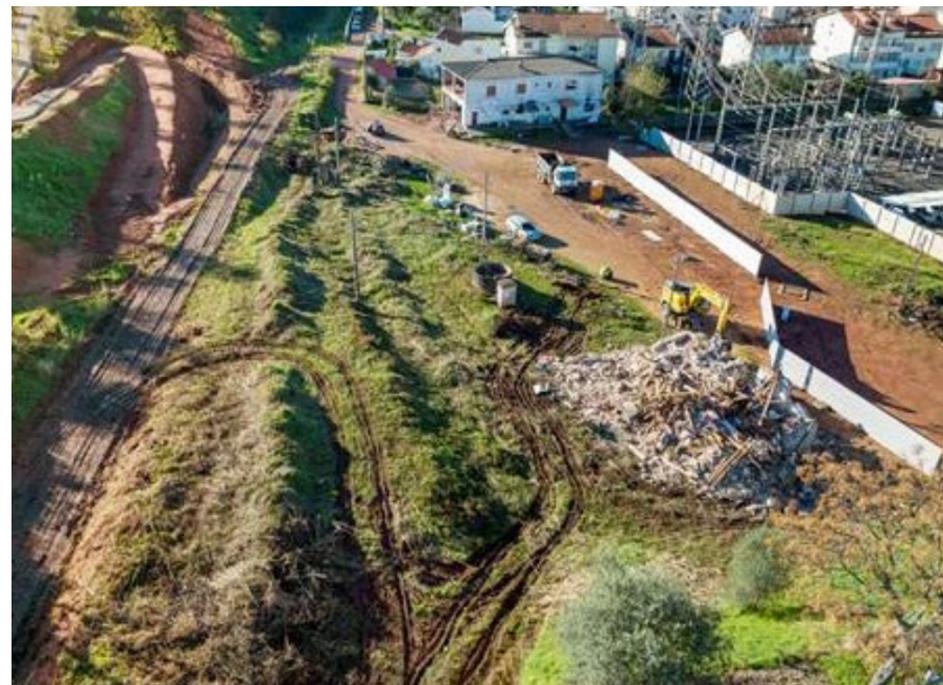
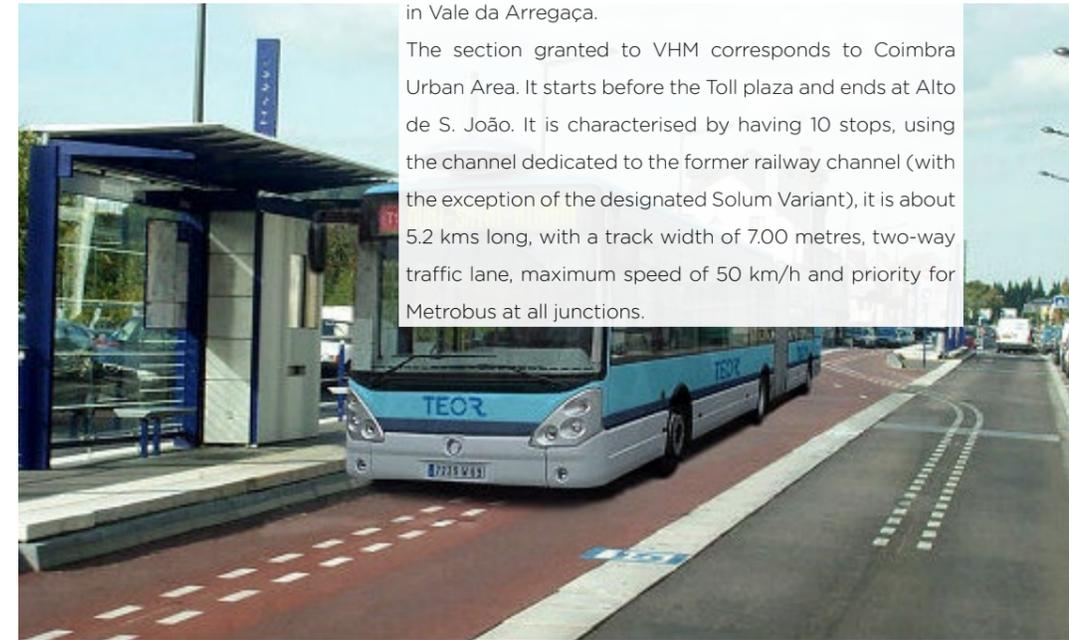


**IP  
Metrobus**

VHM is currently providing supervision and safety coordination services for the SMM contract work - Toll Section - Alto de São João - Adaptation of BRT Infrastructure, Boa Vista Pipeline and rainwater drainage in Vale da Arregaça.

The section granted to VHM corresponds to Coimbra Urban Area. It starts before the Toll plaza and ends at Alto de S. João. It is characterised by having 10 stops, using the channel dedicated to the former railway channel (with the exception of the designated Solum Variant), it is about 5.2 kms long, with a track width of 7.00 metres, two-way traffic lane, maximum speed of 50 km/h and priority for Metrobus at all junctions.

**Coimbra**  
Supervision centre





**Decathlon  
Guarda Express**

Remodelling of commercial premises, including the following areas: sales area, sanitary installations, social areas, unloading dock. This building is part of a services building (Retail Park Guarda). The works included civil construction, adaptation of the surroundings, water and sewage, electricity, fire safety, HVAC, ITED (information technology infrastructure), fire detection, natural smoke and sound insulation systems.



**Coimbra**  
*Supervision centre*



**Sonae  
Arauco**

VHM is currently undertaking the Supervision and Safety Coordination of the "Enlargement of the Expedition Area" at the Sonae Arauco plant in Mangualde. The contract works began in February 2022 and are expected to last 6 months. The intervention aims to maximise the capacity to dispatch loads through heavy vehicles, as well as to increase the factory's stock capacity. For this purpose, we are building an 1890 m<sup>2</sup> pavilion with a loading capacity for 6 trucks simultaneously, protected from adverse weather conditions. At the same time, we are working on the still existing dispatch area in order to optimise this zone and gain around 1,500 m<sup>2</sup> of stock area.

**Coimbra**  
*Supervision centre*





**Oeiras Municipal Forum**

VHM is currently undertaking the Coordination and Supervision of the Construction Contract for the Municipal Forum in Oeiras, which began in March 2021.

The contract work concerns the construction of the new building for the Oeiras Municipal Council Headquarters, which will be composed of a Tower for the offices, consisting of sixteen above ground levels (from the Main Entrance) and three underground levels for parking with a capacity of 741 spaces.

The project also comprises the integration of the outdoor spaces with the surrounding area, namely Parque dos Poetas, an important leisure area in the municipality.

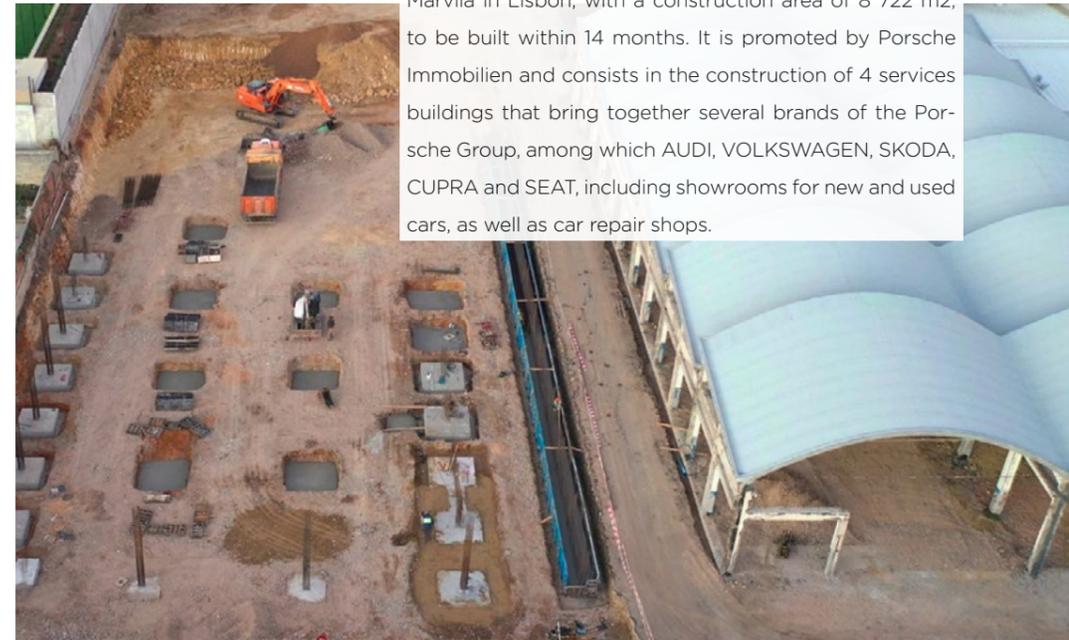


**Lisboa**  
Supervision south



**Lighthouse**

VHM is currently supervising and coordinating the safety of the "Lighthouse III" construction. The Works are taking place at Av. Marechal Gomes da Costa, in the parish of Marvila in Lisbon, with a construction area of 8 722 m2, to be built within 14 months. It is promoted by Porsche Immobilien and consists in the construction of 4 services buildings that bring together several brands of the Porsche Group, among which AUDI, VOLKSWAGEN, SKODA, CUPRA and SEAT, including showrooms for new and used cars, as well as car repair shops.



**Lisboa**  
Supervision south





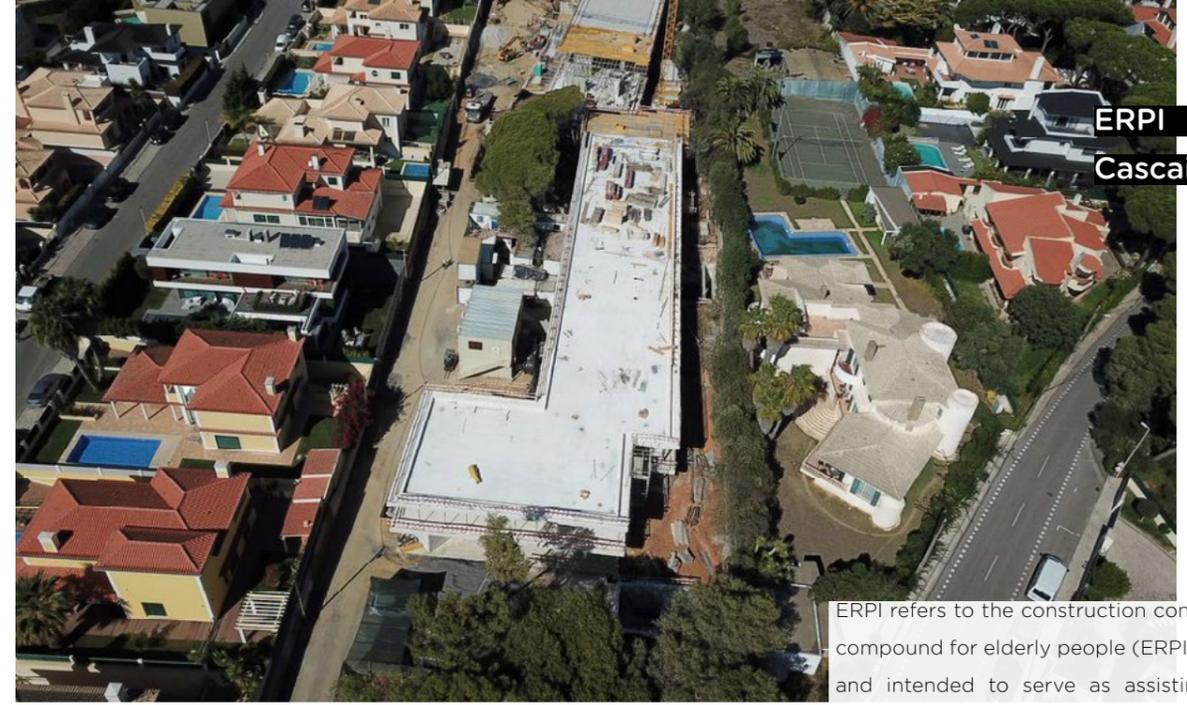
**HERA Residences  
Alta de Lisboa  
(Lisbon Uptown)**

Within the scope of the technical consultancy services, VHM is responsible for coordinating the special installations of various contractors.

We have selected two ongoing projects where these functions feature prominently.

HERA is a construction contract for a residential building with 284 apartments and 12 shops, located in Lisbon Uptown, with an implantation area of 3,960 m2 and conclusion foreseen to August/2022. VHM is responsible for the coordination between the various installers and technical support to the general contractor.

**Lisboa**  
*Supervision south*



**ERPI  
Cascais**

ERPI refers to the construction contract of a residence compound for elderly people (ERPI), located in Cascais and intended to serve as assisting residences with a capacity for 75 users. The 3,066 m2 construction area involves the coordination of several different specialities, such as electrical installations, HVAC, fire safety and medical gases.

**Lisboa**  
*Supervision south*

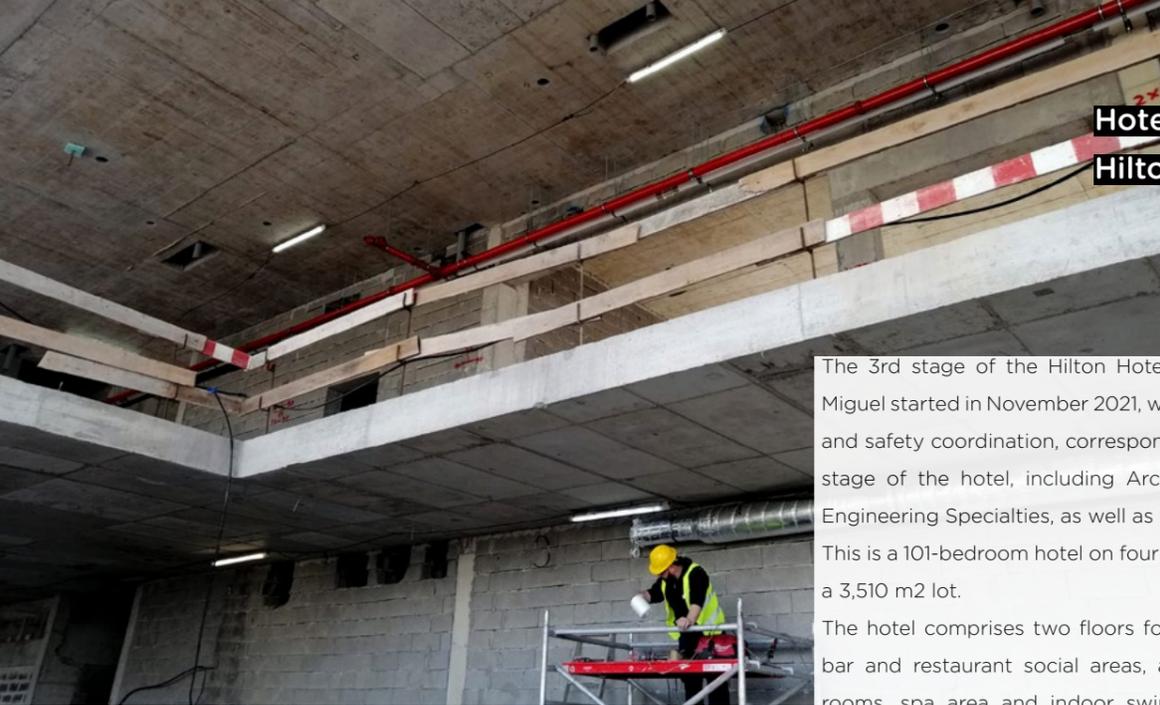




Hotel Evolution  
Sana Estoril

VHM is responsible for supervising and coordinating the construction of the HOTEL EVOLUTION ESTORIL, with a total construction area of 11,661.92 m<sup>2</sup> and characterised by its high standards of architectural quality and finishings. This contract refers to STAGE 4 of the hotel construction, corresponding to the finishings and special facilities of the hotel, which comprises two underground floors and eight floors up to the roof level.





**Hotel  
Hilton**

The 3rd stage of the Hilton Hotel on the island of S. Miguel started in November 2021, with VHM's supervision and safety coordination, corresponding to the finishings stage of the hotel, including Architecture and all the Engineering Specialties, as well as the Interior Design.

This is a 101-bedroom hotel on four floors and located on a 3,510 m2 lot.

The hotel comprises two floors for rooms, a floor with bar and restaurant social areas, a floor with meeting rooms, spa area and indoor swimming pool, as well as a penthouse including a solarium and infinity pool supported by a rooftop bar.

The project is currently under construction of the various specialities infrastructures that make up the hotel networks: water supply network, fire and sewage drainage network, as well as the installations relating to the HVAC, electrical, telecommunications and integrated security installations.



**S. Miguel**  
Supervision islands



**Bulk Water  
Project**

Human consumption water from the town of Povoação, São Miguel Island, Azores, has traditionally been considered of excellent quality. This fact is proven not only by the results of periodical tests, but also by awards received by the municipality. The client of VHM Açores, Atlantifalcon, S.A. awarded us the design and project for the monthly caption and storage of about 35,000 m3 of water for wholesale export, currently to the countries of West and North Africa as well as the United Arab Emirates.

Presently, VHM has developed the architectural design, already delivered for licensing, and has also been awarded the specialties designs and supervision, estimated to have an overall cost of 8 million euros.



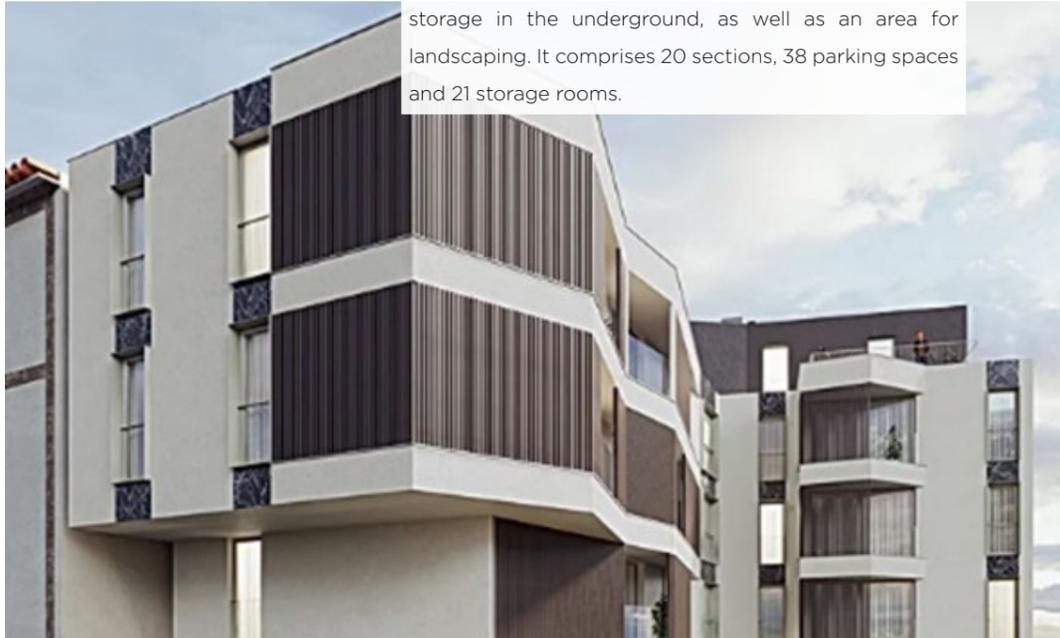
**S. Miguel**  
Supervision islands





**Ernesto do Canto**  
**Private Condominium**

The "Condomínio Ernesto do Canto" construction works started on 31 January 2022, with VHM in charge of supervision and safety coordination. It consists of a collective housing building, including typologies from T1 to T4, with respective garage and storage in the underground, as well as an area for landscaping. It comprises 20 sections, 38 parking spaces and 21 storage rooms.

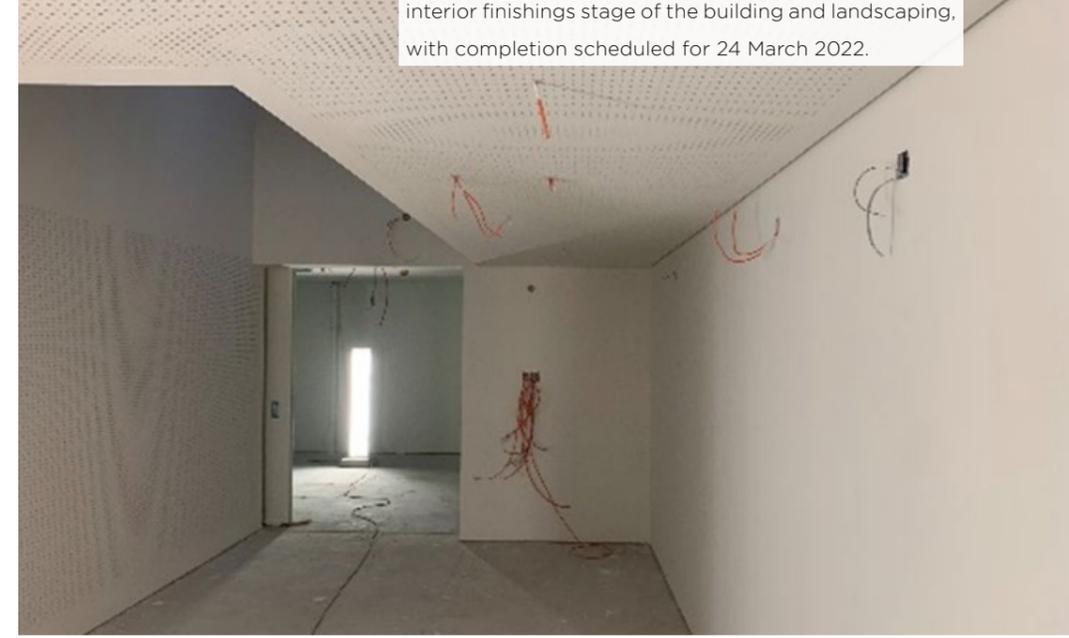


**S. Miguel**  
*Supervision islands*



**Carlos Machado**  
**Museum**

The contract works for the Enlargement of the Carlos Machado Museum - Santo André Nucleus: Visitable Reserves and Short Duration Exhibition Area - is in the interior finishings stage of the building and landscaping, with completion scheduled for 24 March 2022.



**S. Miguel**  
*Supervision islands*



VHM

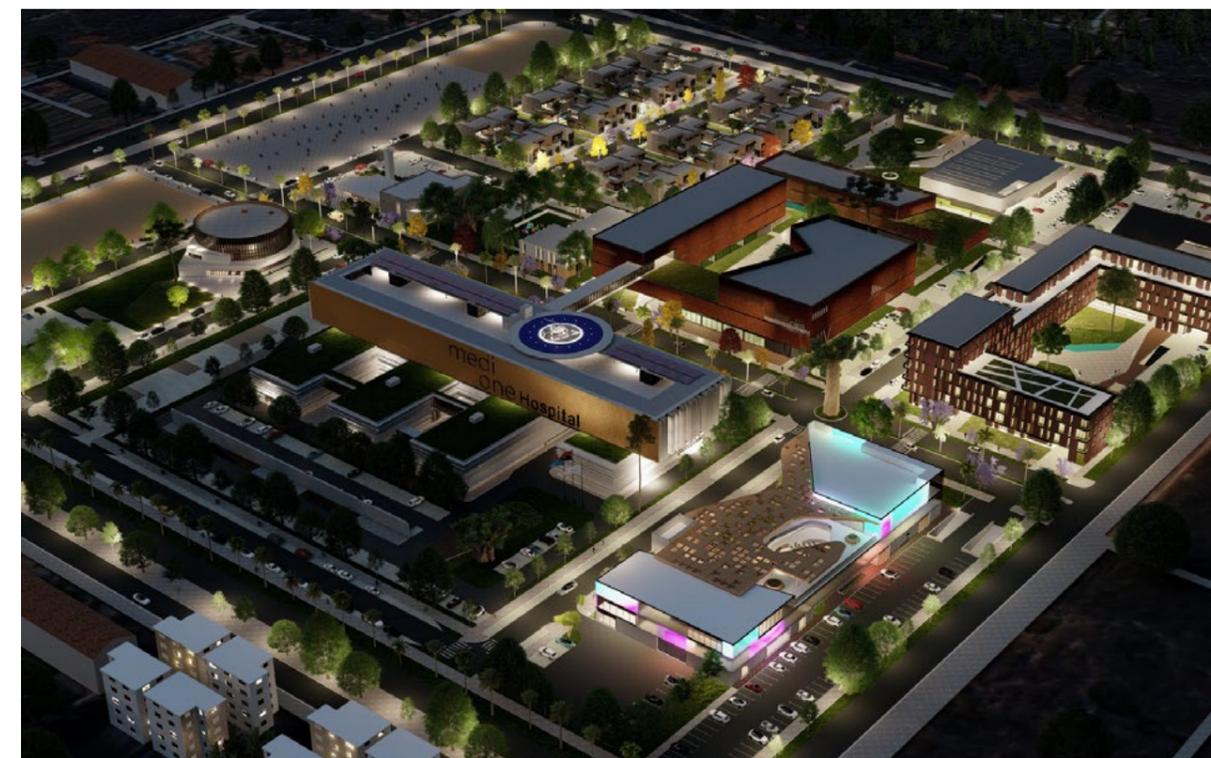
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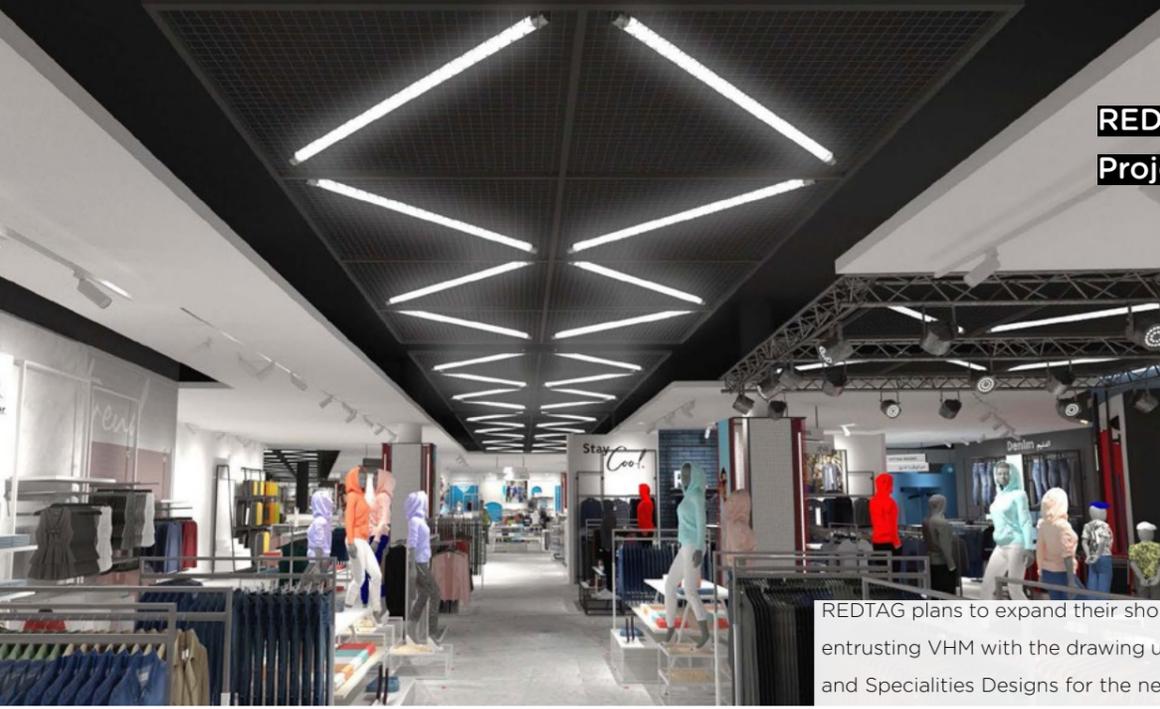
ANGOLA



**MEDIONE**  
**Clinic Project**

Medione's new Health compound for Luanda, aims to be the Sustainable Health City of the future. It houses a set of multidisciplinary facilities that consolidate a complementary response for this new Campus, through various support structures for the public and the professionals. A project of attractiveness through iconic buildings, allied to the concepts of well-being and sustainability, with green areas for rest, leisure and sport, combined with the use of available resources, solar energy, local materials and water caption and treatment. By creating road structures on hierarchically structured axes in coherence with the associated buildings, it presents a efficient and dynamic mobility for cars, public transports, pedestrians and bicycles. This is a synergy project, based on the connection between buildings with complementary programmes, also enhancing the promotion of events, urban art and exhibitions. It also allows housing future projects, in its planned expansion areas. This is the new health campus of Medione - the sustainable health city.





**RED TAG  
Project**

REDTAG plans to expand their shops network in Angola, entrusting VHM with the drawing up of the Architectural and Specialities Designs for the new shop, which will be located at SHOPPING XYAMI Kilamba.



With a leasable area of 654m2, the project will follow the guidelines of the REDTAG brand regarding the shop's image, with a new concept of decoration, service and product display.

The Specialities Designs comprise the infrastructures required for the perfect functioning of the shop.

**Angola  
Project**



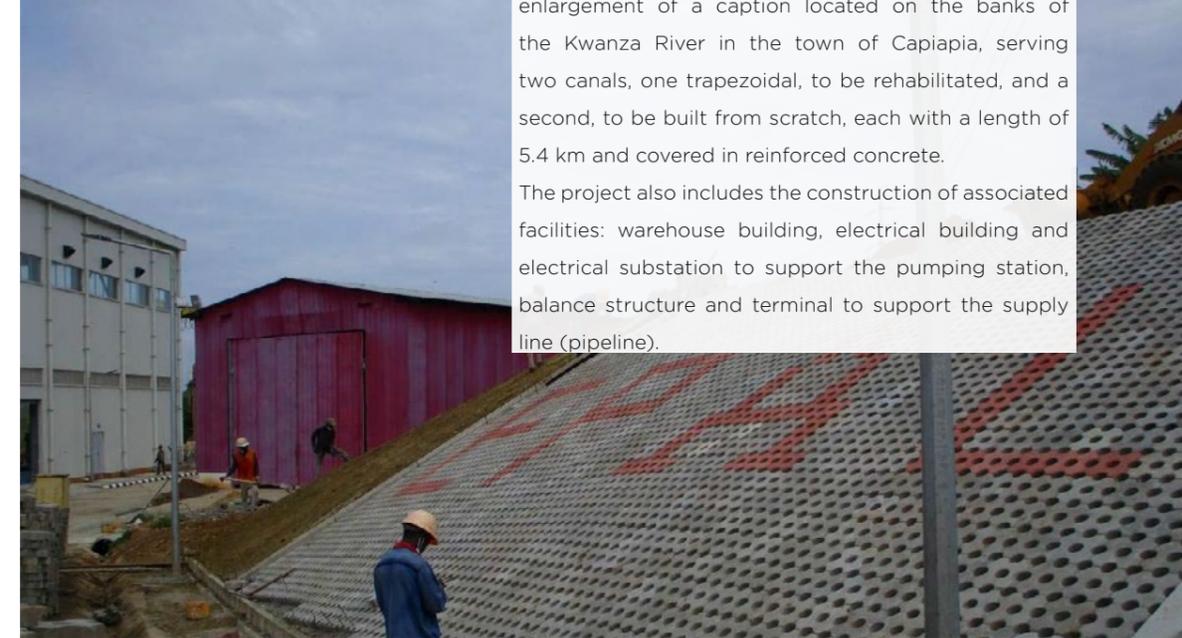
**Raw Water Reinforcement  
ETA Luanda  
South-east Cassaque**

This project, presently at its final completion and commissioning stage, constitutes a vital development strategy for the city of Luanda, as the supply of raw water will guarantee supply to the Kikuxi, Luanda South-East and Luanda South Water Treatment Plants, which represents 60% of the city's drinking water.

The contract works include the rehabilitation/enlargement of a caption located on the banks of the Kwanza River in the town of Capiapia, serving two canals, one trapezoidal, to be rehabilitated, and a second, to be built from scratch, each with a length of 5.4 km and covered in reinforced concrete.

The project also includes the construction of associated facilities: warehouse building, electrical building and electrical substation to support the pumping station, balance structure and terminal to support the supply line (pipeline).

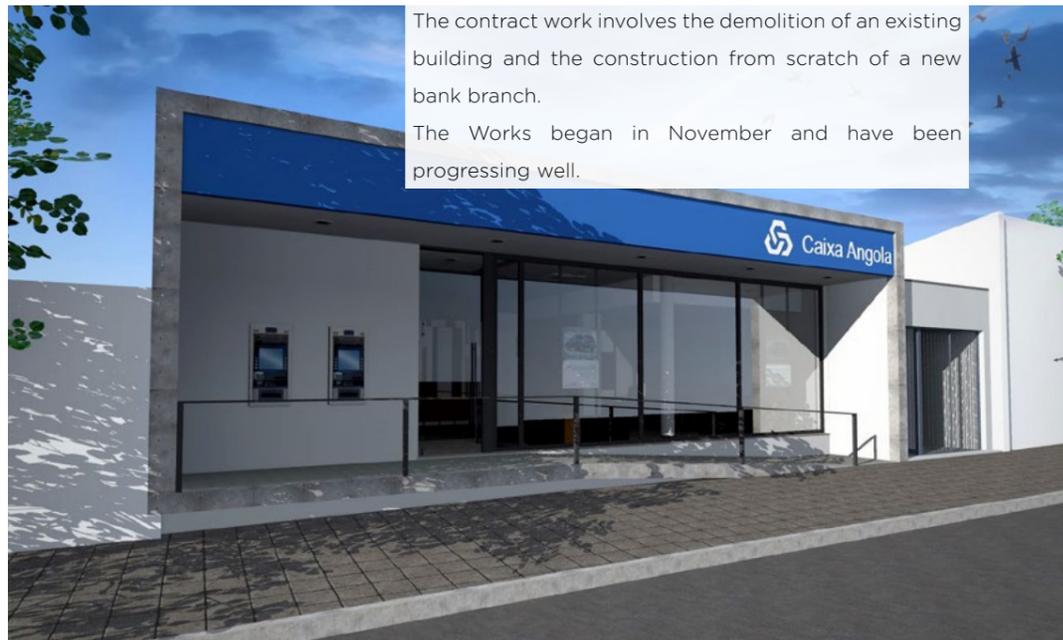
**Angola  
Supervision**





**BCGA**  
**Totta Huambo**

VHM is once again present in another Banco Caixa Geral Angola project, with the mission of coordinating and supervising the construction of their new branch in Huambo.



The contract work involves the demolition of an existing building and the construction from scratch of a new bank branch. The Works began in November and have been progressing well.

**Huambo**  
*Project*  
*Supervision*



**Tanque Serra**  
**Health Centre**

VHM is in charge of the supervision works of the Tanque Serra Health Centre, in Talatona. This health unit provides administrative services, support services, a diagnosis and treatment area, outpatient and inpatient consultations. The work is currently undergoing interior finishings and exterior arrangements.



**Talatona**  
*Supervision*



VHM

04

OMAN



Musanah  
Commercial Square

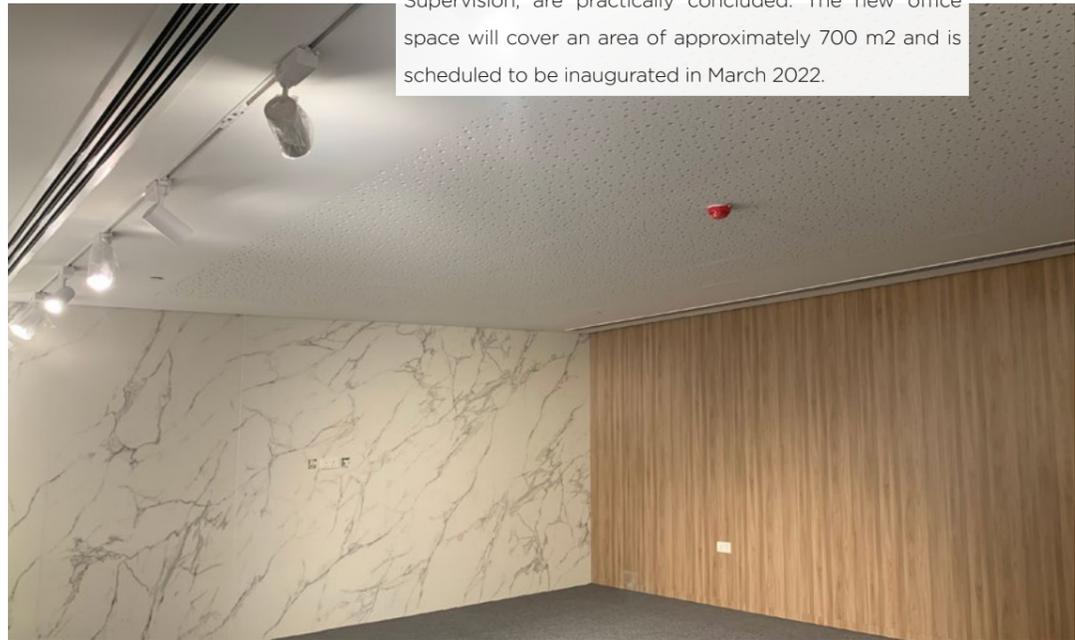
The structural works for stage 1 of the Musanah Commercial Square Building, in which a hypermarket with an area of approximately 4000m<sup>2</sup> and 4 autonomous buildings will be incorporated, are currently under construction, including various commercial spaces to be installed therein. This compound, located in Musanah, has been designed and supervised by VHM.





**OBIC  
Office**

The fit-out works of the Oman Brunei Investment Company in Muscat new office, for which VHM was selected to carry out the Specialties' Detail Designs and Construction Supervision, are practically concluded. The new office space will cover an area of approximately 700 m2 and is scheduled to be inaugurated in March 2022.



**Muscat**  
Project  
Supervision



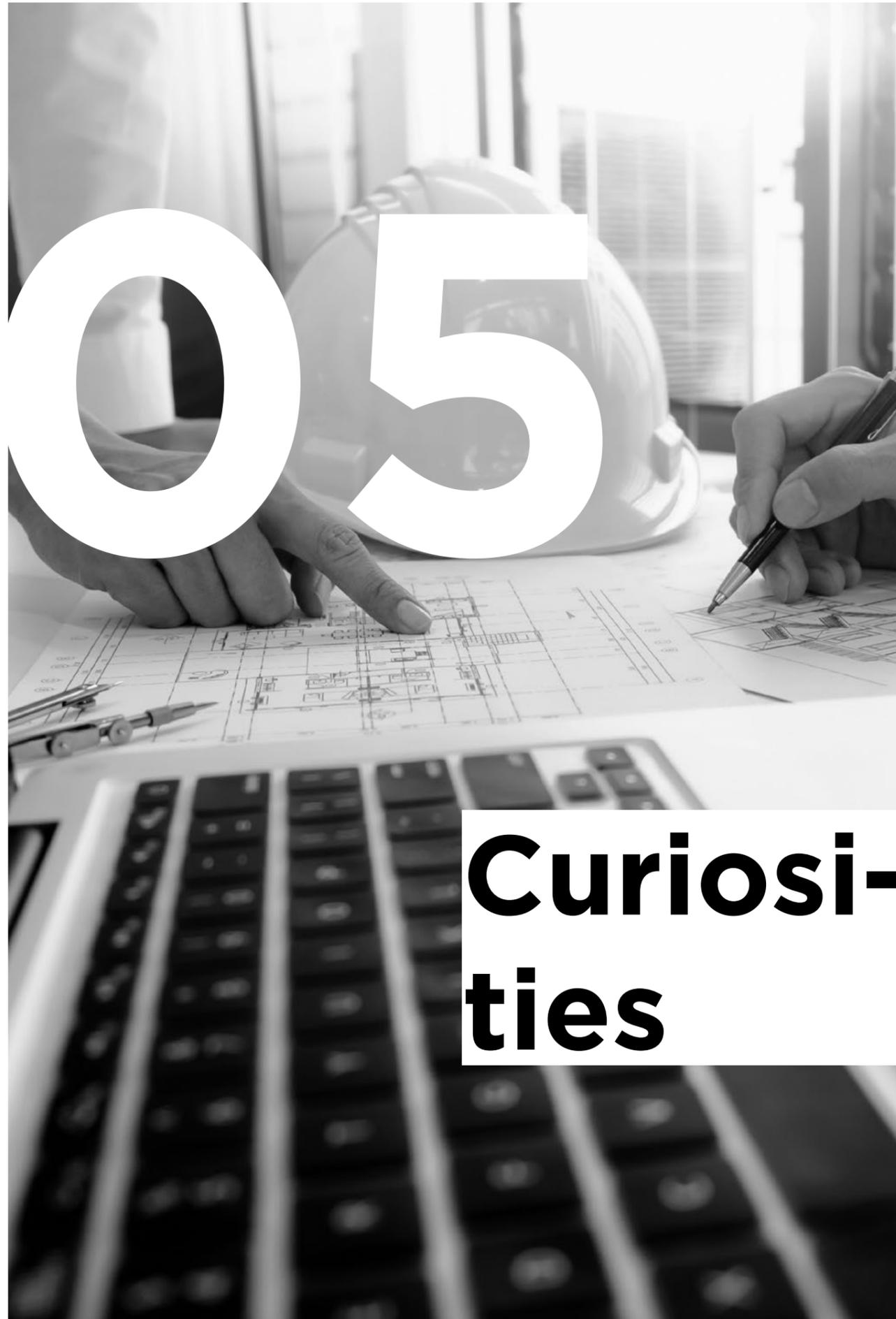
**Residential and  
Commercial  
Building - La Vista**

February 2022 saw the start of the La Vista Residential and Commercial project located in Baushar, Muscat, for which VHM is providing design and supervision services. The multi-purpose building with an implantation area of 942 m2, will consist of 2 basements, a commercial area on the ground floor, 1 office floor and 6 housing floors, and will include a total of 48 apartments, 8 shops and 8 offices, totalling a construction area of 8478 m2.



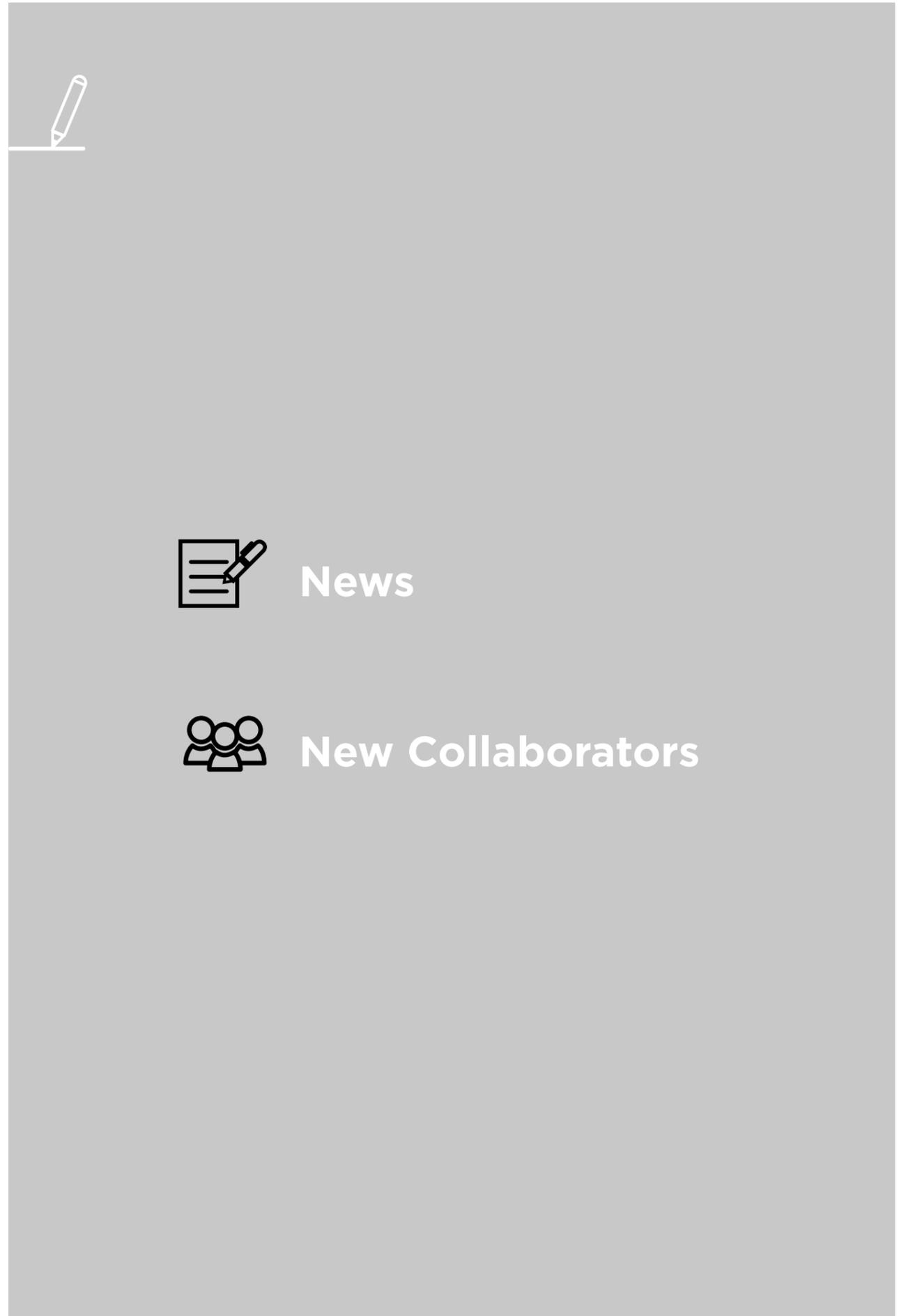
**Muscat**  
Project  
Supervision





05

# Curiosities



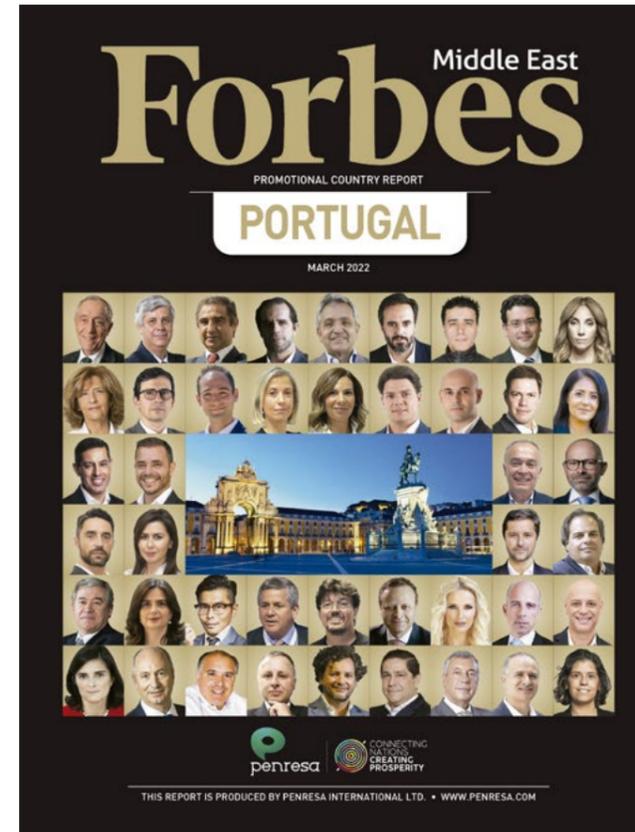
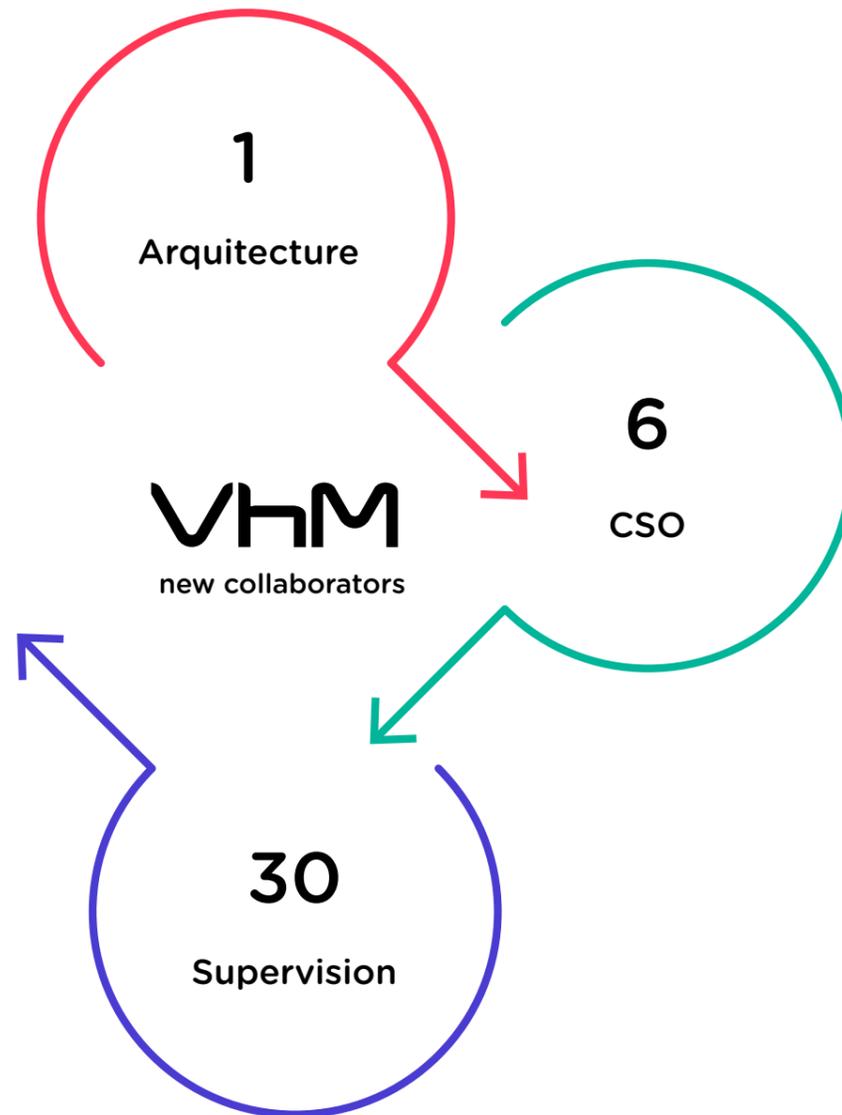
News



New Collaborators



# Notícias



## VHM

Consulting Services With The Client At Heart

### Making A Sustainable, Responsible Impact Across The Globe

VHM's customer-centric vision elevates the company above the competition.



"We walk around the world, trying to do what we know best with all that we have learned here in Portugal."

Vitor Hugo, CEO of VHM

VHM offers global consulting services in the fields of construction and architecture. Established in 1992, VHM is present in Portugal's biggest cities, such as Lisbon, Porto, and Coimbra, as well as across continents, such as Asia, South America, and Africa. VHM's customer-centric vision elevates the company above all competition. Vitor Hugo, CEO of VHM, states, "Fundamentally, our service works for customers. Our real mission is to deal with what the customer needs and ensure we then provide them with our best services. This dialogue has enabled us to acquire knowledge and transmit it to the future and to other customers."

VHM has been aware of Portugal's potential as a center of growth, expansion, and possibilities since its very inception. Vitor Hugo says, "We realized that, in terms of engineering, Portugal was extremely capable of opening doors to other continents." VHM began expanding to countries where Portuguese is spoken while several projects arose: [hospitals, schools, hotels, business, and industries] in China, Bolivia, Morocco, Ghana, Equatorial Guinea, Congo, and Comoros. Later, VHM won a worldwide competition for the design and supervision of the Muscat Oman hospital, which has since been completed and is currently fully functional and successfully operational. Other successful projects carried out by VHM include a hospital and an international school in the Middle East. Regarding these, Vitor Hugo states "In the Middle East, we have recently been awarded the project for a very large hospital which represents a total investment of US\$150 million, of which VHM has a 20% stake. We have also been assigned an international school. We are working hard in the Middle East; we walk around the world, trying to do what we know best with all that we have learned here in Portugal."

VHM's projects in Portugal range from large to small, from public to private, totaling about 150 presently in course. Vitor Hugo states, "Some of these projects are the Lisbon Metro, the Coimbra transport rehabilitation [Coimbra Metro-Bus], the Coimbra Oncology Institute, the Santa Proximity Hospital, as well as the supervision of the hospital of Évora, which, upon completion, will be the largest hospital in Portugal." Current and future projects in VHM are built upon sustainability and social responsibility, like the US\$1 billion investment in Kazakhstan that is focused on bridge rehabilitation and water distribution. Indeed, sustainability, as well as social responsibility, are fundamental to the execution of VHM's projects. These principles are also maintained internally through strict policies. Vitor Hugo adds, "In Portugal, we are carrying out several solar parks with Portuguese, Swiss, and French investments. We also aim to design and manage a zero-carbon building."

Vitor Hugo affirms that "the key to VHM's success is resilience, hard work, determination, and luck for being in the right place at the right time. However, our success is only possible due to a very close relationship with the client." Vitor Hugo adds, "Besides providing the best quality services, humility and resilience are values that we believe in and make sure we practice at all times. This allows us to establish friendships with the people we work with, which is key."

At its core, VHM is an engineering company, born from engineers that later grew to include architects, forming the giant that it is today. Vitor Hugo concludes "Through our work capacity, we really can make a difference." Indeed, Portugal is the perfect balance in Europe for its accessible size and talented young people, offering great potential to investors. Furthermore, companies like VHM represent important bridges between Europe and the Middle East. Vitor Hugo states, "Our international forte is the Middle East. We are in Oman and Dubai, constructing a building for Abu Dhabi and two hospitals in Saudi Arabia. We are focused on producing and staying there, in a bid to create value."

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PROMOTIONAL COUNTRY REPORT



## Engineer Regional Day

Vitor Hugo and VHM were honoured in the Engineers' Day of the Order of the Engineers North, which took place on the 20/11/2021 in Viana do Castelo.



<https://haengenharia.pt/noticias/dia-regional-do-engenheiro-2021/>



# VHM

[www.vhm.pt](http://www.vhm.pt)

