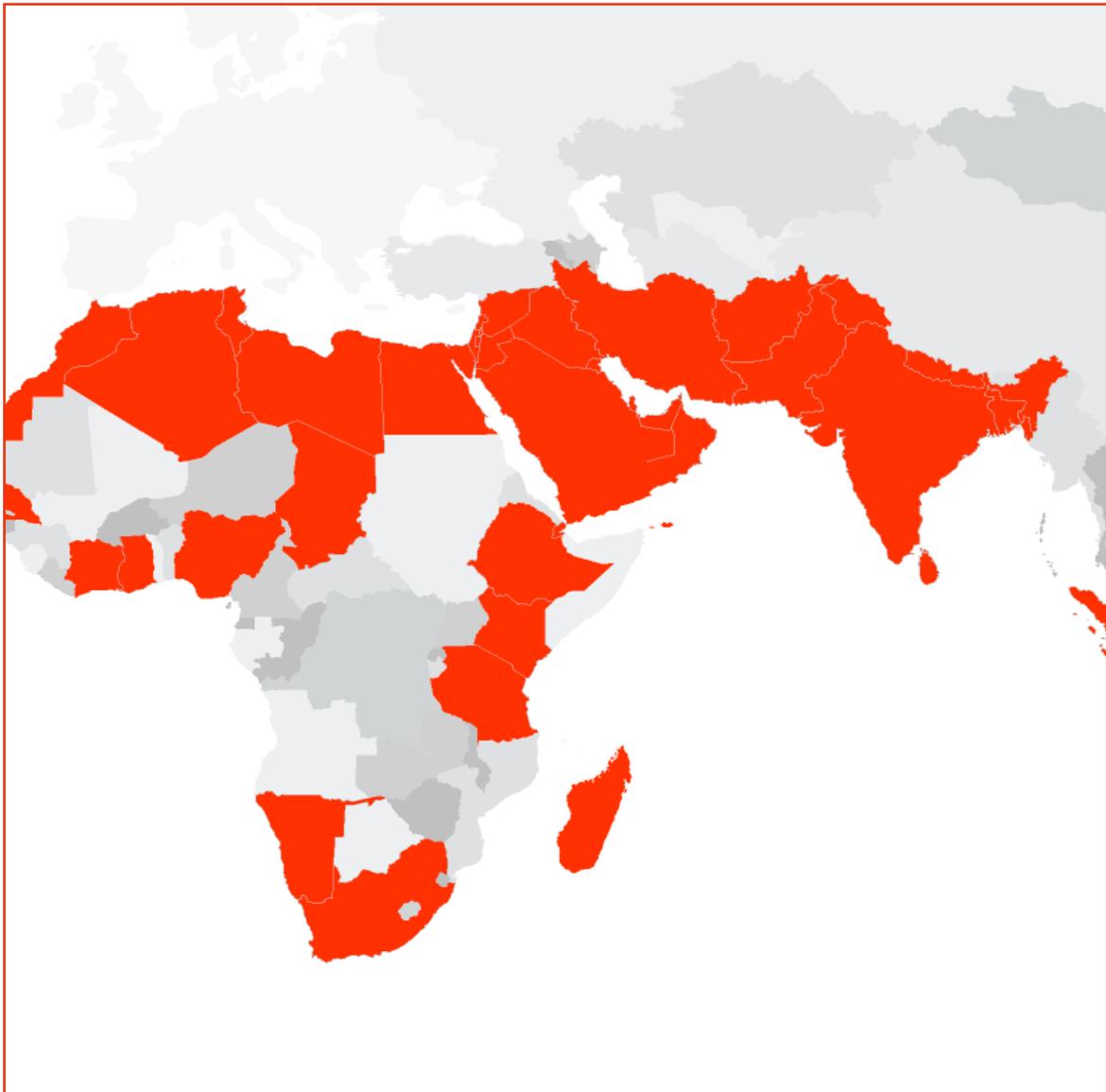




VISSMANN MIDDLE EAST, AFRICA AND SOUTH ASIA

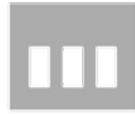
## Project References



HOTELS &  
RESIDENCES



COMMERCIAL



HEALTHCARE



EDUCATION &  
COMMUNITY



INDUSTRY



Future proof heating and refrigeration technologies for all applications.

Viessmann offers perfectly matching system solutions for heating and refrigeration for residential, commercial and industrial applications. By focusing on the efficient use of energy, solutions offered by Viessmann help reduce costs, conserve the environment while at the same time ensure high uptime and operational reliability.

So as to ensure everything works together perfectly to achieve maximum efficiency, all system components are assembled according to individual requirements.

Viessmann Middle East has since 2007 to its credit several hundred completed and operational projects in the region covering the entire Viessmann product range. A selection of these projects is presented in the following pages.



## HOTELS & RESIDENCES



### Onomo Hotel Casablanca, Morocco

Onomo hotels, an innovative African brand offering a new bold, responsible and affordable hotel proposition geared towards clientele from across Africa and the world. Environmental friendliness is a key proposition of the Onoma brand, towards this the buildings are adapted to ensure optimum use of renewable energies, natural daylight, local material and recycling technologies. On the property in Casablanca domestic hot water is generated using 20 pcs. **VITOSOL 100 FM** collectors with 6 pcs. **VITOCAL 350-A** heat pumps as a back up.



### Action Hotels, United Arab Emirates

Action hotels, as a developer and owner of economy and midscale hotels in Middle East, currently operates 14 hotels (Mercure hotels, Holiday Inn, Novotel Ibis) providing 2.500 rooms. The operator of the property laid down stringent economy and sustainability requirements for utilities. For domestic hot water generation these have been successfully met by deploying a solar thermal system consisting of 28 pcs. **VITOSOL 200 FM** Collectors matched to storage tanks fitted with back up electric heaters.



### Hilton The Pearl Residences, Qatar

Situated at the entrance of the Pearl in the Abraj Quartier in Doha, the property offers a mix of quality serviced apartments, from studio units to expansive three bedroom apartments. Domestic hot water to the 413 room in the tower is supplied by 3 pcs. cascade connected **VITOPLEX 200** gas fired boilers.



### Ritz Carlton Rabat, Morocco

The Ritz Carlton Dar es Salam is a high end hotel in Rabat set amidst a 440 acre forest and one of the world's top golf courses. It is truly an oasis of luxury in the bustling capital city of Morocco. Domestic hot water is produced by 3 pcs. **VITOROND 200** boilers from Viessmann.



### Marriott Mena House, Egypt

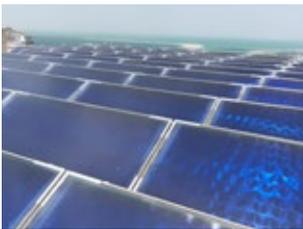
Mena house palace was initially a hunting lodge, built in 1869. In 2018 Marriott announced the rebranding of the legendary historic palace. This 5 star hotel is located in lush greenery, outside of Cairo and offers the guest spectacular views of the mighty Giza Pyramids. Except of 311 rooms and suites, the hotel features 6 event rooms with a total capacity of 3.000 people. To store the food not only for daily needs but also for big events Viessmann, designed and delivered 11 **FREEZER** and **COLD ROOMS**.

## COMMERCIAL



### **Msheireb, Heart of Doha, Qatar**

Heart of Doha is a downtown regeneration project comprising of offices, luxury residential units, green spaces, mosques, leisure options and more. The buildings are designed using traditional elements aligned with latest eco-friendly technologies. Domestic hot water for several buildings is supplied by systems consisting of 700 pcs. **VITOSOL 300-T** tube solar collectors, **VITOCROSSAL** condensing boilers and **VITOCCELL 300** stainless steel tanks.



### **Deira Water Front, United Arab Emirates**

Deira waterfront is part of the Deira enrichment project, which seeks to rejuvenate some of the oldest and most historic commercial and residential areas of the city. Viessmann has delivered a solar thermal domestic hot water system consisting of 61 pcs. of **VITOSOL 100-FM** collectors and matched 5000 L calorifiers on a mixed use building on first phase of the project. Viessmann continues to be associated with the Deira Waterfront projects for high quality heating systems on other buildings.



### **Hamad International Airport, Qatar**

Hamad International is the second largest airport in the region and landmark in its own right in Qatar. Known for its stunning architecture the airport handles 25 mio. passengers annually and serves as an important regional hub. In total 6 pcs. Viessmann **VITOMAX HS** steam and 2 pcs. **VITOMAX HW** hot water boilers provide steam and hot water for the catering and f&b services at the airport.



### **ABC Verdun Mall, Lebanon**

Located in the fashionable district of Verdun the newest addition to the ABC group portfolio is now Beirut's premier shopping & lifestyle destination. The mall building, one of the largest engineering projects in Lebanon, features several sustainability initiatives such as an advanced waste management system and rooftop solar PV. Viessmann has contributed to sustainable energy use in the building by supplying 4 pcs. **VITOPLEX 100** low temperature boilers that help to meet the building heating requirement.



### **La Poire, Egypt**

The best loved pastry chain La Poire serves up an assortment of sweet and savoury through a network of 62 stores. Each creation is a perfect balance of flavours and textures, requiring not only great ingredients but also production facilities of the highest standards. Viessmann has supplied 25 bespoke **COLDROOMS** and **FREEZERS** that serve storage, freezing and preparation requirements.



## HEALTHCARE



### **New Jahra Hospital, Kuwait**

The new Jahra hospital complex under the Ministry of Health - Kuwait is one of the largest healthcare projects in the Middle East. Located 30 km from Kuwait city, the layout comprises 8 separate buildings, with the main hospital building rising 15 storeys high. 5 x **VITOMAX HS** steam boilers and 3 x **VITOMAX HW** hot water boilers installed in the central utility plant respectively provide steam for the catering facility and hot water to the entire hospital complex.



### **Cleveland Clinic, United Arab Emirates**

Cleveland Clinic Abu Dhabi is a 364 bed multispecialty hospital on Al Maryah Island in Abu Dhabi-UAE. In addition to being a center of healthcare excellence, the hospital building is a design icon and the largest LEED Gold certified hospital building in the GCC. A Viessmann supplied solar thermal system for domestic hot water consisting of 270 pcs. **VITOSOL 300-T** tube collectors and a consolidated storage of 80,000 L contributes to sustainability of the building.



### **Al Wakra hospital, Qatar**

Al Wakra Hospital was designed, built and staffed to serve rapidly growing towns as general hospital. Al Wakra Hospital is the largest hospital building in Qatar. The hospital has capacity for 325 beds, 30% are in single occupancy rooms, all of which have an en suite bathroom. To ensure hygienic domestic hot water heating Viessmann supplied **VITOCCELL 300** 8,000 L capacity stainless steel tank.



### **New Bamiyan Hospital, Afghanistan**

The Aga Khan Foundation funded New Bamiyan Hospital is state of the art 141 facility aimed primarily at the healthcare needs of women and children. It marks a new chapter reconstruction efforts in Bamiyan province. Considering the location and the sometimes difficult operating conditions the hospital can face, the heating and hot water plant is required to be particularly robust. 3 x **VITOPLEX 200** boilers form the key components of the heating plant.



### **Chemtech Distribution, Mauritius**

Chemtech is a major distribution enterprise based in Port Louis focussed on distribution across three verticals and active in Mauritius, Seychelles and Madagascar. The medical distribution division uses bespoke **COLD ROOMS** from Viessmann for storing sensitive medical supplies that require precise temperature control. The antimicrobial Smart Protec coating on the cold room walls minimises any hygiene risk.

## EDUCATION & COMMUNITY



### Hassan II Mosque, Morocco

Rising over the Atlantic ocean, the Hassan II Mosque in Casablanca is the largest in Africa and 7th largest in the world. In addition to being a venerated place of worship, is also a design & architectural marvel. Over the years as facilities in mosque have been renovated, special attention has been paid to sustainability. Towards these efforts, hot water in the mosque is generated using 200 x **VITOSOL 200-FM** collectors and back up boilers from Viessmann.



### Lebanese University Campus, Lebanon

Lebanese university campus, built in 2017, consists of 13 faculty buildings supported by dormitories, central catering and a sports complex within extensive landscaping. There are currently studying around 80.000 students, making it one of the largest and most important universities in the Middle East. Total built-up area: 360,000 m<sup>2</sup> is heated by Viessmann **VITOROND 200** boilers.



### Education City Stadium, Qatar

The stadium is part of the Health and Wellness Precinct, within Qatar Foundation Education City and is a proposed host venue for the 2022 FIFA World Cup. The complex consists of a football stadium, an indoor aquatic center with two Olympic size pools and a diving pool, a multipurpose sports pavilion with an indoor athletics track and tennis academy, plus external training fields. A total of 16 x Viessmann **VITOCCELL** storage with a combined capacity of 85.750 L and fitted with electric heaters cater to the domestic hot water requirement of the facility.



### Beirut Water Front, Lebanon

This is a luxury residential project along the Beirut Marina with spectacular views to the sea. In keeping with the high levels of service such a property demands, Viessmann **VITODENS 100** boilers have been installed in the residential units for space heating (combination of radiators and underfloor heating) and hot water production.



### Villas - Nador, Morocco

The Mar Chica in the city of Nador is the largest lagoon on the Mediterranean's southern shore, rich in biodiversity and natural beauty. Since 2012, the areas around the lagoon are being developed for eco tourism and sustainable living. The villas form a part of this development. Viessmann has supplied domestic hot water systems consisting of 3 x **VITOSOL 300-TM** SPEA collectors and allied components for 33 villas.



#### **Swiss Tex Group, Bangladesh**

Swisstex packaging is a garment accessories manufacturing company, which produces woven label, offset printing label, printing label, stickers and much more. The automated carton packaging factory of Swisstex set up in 2018 has the distinction of being the first LEED green certified factory in the packaging industry in Bangladesh. Saturated steam required for the manufacturing process is supplied by 2 x **VITOMAX HS** steam boilers.



#### **Kia Motors, Pakistan**

KIA Motors, has partnered with Pakistan's Lucky Cement in a joint venture to start car production in the country. The intention to establish a greenfield manufacturing plant was successful and company turned on production lines in 2019. Viessmann delivered 2 pcs. hot water boilers **VITOMAX 200-LW** with capacity 2 MW and 4 MW to ensure the production of hot water in the factory.



#### **Groupe PSA, Morocco**

The PSA facility in Kenitra inaugurated in 2019 is a greenfield, state of the art plant with a capacity to manufacture 200,000 vehicles per year. It aims to serve customers in 80 markets in the Middle East and Africa. The utilities plant has 2 pcs. **VITOPLEX 200** boilers that generate hot water required for certain production processes.



#### **Veolia, South Africa**

VWS is the world leader in waste water treatment technologies. A VWS plant has been set up on the manufacturing site of a multinational food manufacturer in the Western Cape with to treat waste water for use in services such as cooling, landscape watering and cleaning. A **VITOPLEX 200** boiler is used to provide the heat required to start anaerobic digestion. Biogas generated is fired in a **VITOMAX HS** steam boiler and used in the production process.



#### **SADAFCO, Saudi Arabia**

The Saudia Dairy & Foodstuff Company (SADAFCO) is the leading manufacturer of UHT milk with more than half the share of the long life milk market. In addition to UHT milk, the company also manufactures tomato paste, ice cream, snacks and drinks. Viessmann **VITOMAX HS** steam boilers have been providing process steam for critical applications since 2013 in the Jeddah and Daman factories.

Some further references:

Al Bida park	Qatar	Solar DHW system with calorifiers
Al Hitmi building	Qatar	Solar DHW system with calorifiers
Al Shamal healthcare center	Qatar	Steam boilers
Al Waab healthcare center	Qatar	Steam boilers
Al Waam healthcare center	Qatar	Steam boilers
Al Wajba palace	Qatar	Solar DHW system with calorifiers
Ali bin Hamad al Attyiah Arena	Qatar	Hot water boiler
Anantara hotel	Qatar	Solar system with calorifiers
Ashrafieh Heights	Lebanon	Solar DHW system with calorifiers
Blue Planet Knit Composite	Bangladesh	Hot water boiler
Bombay Sweets	Bangladesh	Solar DHW system with calorifiers
Chittagong Denim Mills	Bangladesh	Solar system with calorifiers
Doha metro depot	Qatar	Calorifiers
Ecolean Pakistan Pvt. Ltd.	Pakistan	Solar collectors & condensing boilers
Education city	Qatar	Solar Collectors
Fox Hills Development	Qatar	Solar DHW system with calorifiers
Galva Decopart Pvt. Ltd.	India	Hot water boilers
Havana Hills	Lebanon	Solar DHW system with calorifiers
Health and wellness care center	Qatar	Solar DHW system with calorifiers
HMC Surgery department	Qatar	Calorifiers
Hotel du port	Morocco	Solar collectors & condensing boilers
Hotel Hyatt Place, Taghazout Bay	Morocco	Solar collectors
ISF camp	Qatar	Solar DHW system with calorifiers
Khuplo Palace	Pakistan	Hot water boilers
Marina mix	Qatar	Solar DHW system with calorifiers
Muaither healthcare center	Qatar	Solar DHW system with calorifiers
National Peroxide Ltd,	India	Steam boilers
Nestle	Pakistan	Steam boilers
Oryx international school	Qatar	Solar DHW system with calorifiers
Procter & Gamble	Pakistan	Steam boilers
Qatar Airways crew accommodation	Qatar	Heat pump and calorifiers
Qatar petroleum district	Qatar	Steam boilers with calorifiers
Qatar university healthcare	Qatar	Solar DHW system with calorifiers
Radisson park	KSA	Cold and freezer rooms
Sama Beirut	Lebanon	Solar DHW system with calorifiers
St. Regis Hotel	Qatar	Steam boilers
The Island Palace	Qatar	Solar DHW system with calorifiers
Traders hotel	Qatar	Steam boilers
Unilever	Pakistan	Steam boilers
Zulal destination spa and family resort	Qatar	Steam boilers