

STUDY TRIP DUBAI

BEYOND FACILITY & BUILDING MANAGEMENT

April 6-10 2019

Focus on Green Energy & Mobility, Smart Building, Waste Management & Recycling

Concept & aim

Whereas the UAE up till a decade ago were exclusively focusing on 'fast & impressive' real estate *development*, the country is now taking the lead in the Middle East in the field of 'sustainable thinking & development' and 'technology & Innovation'.

This trip wants to offer a view on what is currently going on in the UAE in the mentioned fields and what's to be expected in the near future. The UAE are the leading country in the region and within the UAE Dubai is – together with Abu Dhabi - without any doubt the driving force that 'makes things happen'. We therefor chose Dubai as exclusive destination for this trip.

After having organized over 15 'Facility Trips' for the Benelux market, the aim is now to clearly go beyond Facility Management and to focus on those items that have become crucial issues for facility & real estate managers, COO's and similar functions.

Green Energy, Green Mobility, Smart Building & Living, Waste Management & Recycling are items that are high on the agenda in Dubai now and we offer the opportunity to study them on the spot.

Don't think you will be visiting an Arabian version of Silicon Valley as most of the technology and innovations you will encounter in the region will look familiar. Indeed, all innovation and technical evolution is 'imported' from Europe and the USA but because of the unlimited financial means and the strong will of the Rulers of Dubai and Abu Dhabi, it will only be a matter of years before Dubai and the UAE will take a leading role in technical and scientific development and will become a world landmark in the mentioned fields.

Join the trip and become a witness of the way Dubai and the UAE are preparing themselves for this!

Ki communications

The trip is organized by the Belgian, Antwerp based, Ki' communications, specialized in communication and events in Facility & Real Estate Management in the Benelux for almost 20 years. During these 20 years a strong network was equally established within the UAE and the company works closely together with MEFMA (Middle East Facility Management Association). In total more than 15 study trips to Dubai and the UAE were organized in the fields of FM & Real Estate, Healthcare and Logistics.

The 2019 trip is offered to the Nordic countries as this region is very sensitive to the themes the trip is dealing with.

Members of DFM (Danish FM), IFMA Sweden and IFMA Finland benefit from a discount (see below).

Practical

The official program starts at April 7th 8am and ends at April 9th 12 am. Participants can choose their own flights and airline companies and are expected at breakfast on April 7th at the Ramada Jumeirah Hotel. The group will spend three full days in Dubai. Flights back to Europe are all April 10 am.

The below program includes everything from the breakfast on April 7th until diner on April 9th (and the hotel night from 9 to 10)

Only the flights are excluded as we want to give the participants the opportunity to fly with the airline (and in the class) of their preference. On demand the organization can also book the flights.

Note that the weekend in Dubai is Friday and Saturday. Sunday is a working day.

Equally note that it is possible to bring spouses (leisure program can be made) and/or to stay a few days longer for holiday purposes.

Please note that an identical trip will be organized for a mostly Belgian audience from March 30 to April 3rd. So for those that want to join but have a problem with the proposed Nordic dates, an alternative exists. The official language will be English in that group.

Important note

In the Middle East agendas are made on very short term. Planning six months ahead inevitably leads to last minute changes due to unexpected events like Royal visits, international delegations, changes in planning & strategy, international events...

The below program is therefor up till a certain level to be considered as 'tentative'. All the below was discussed and confirmed but timings may (and will!) change as well as parts of the program. As an example we would like to refer to the visit at the premises of the World Expo 2020. This is confirmed but if problems in the building and development of the site should arise the confirmation might very well be withdrawn. Just as an example. In case of such events the organization will of course have a ' Plan B'.

The Program

Preliminary note : it may seem that there is no real coherence in the program (some subjects are spread over two days) but this is entirely due to the location of the venues that we will be visiting.

Traffic is dense in Dubai and some locations are in the desert and therefor somewhat remote. The program was based on distance and traffic efficiency rather than being purely themed.

SUNDAY APRIL 7

08.00 am **Opening of the program** by Patrick Wendelen, Managing Director Ki communications,

08.15 am Opening presentation by Engie Middle East on '**Status and evolution of green mobility and Green energy in the Gulf Area**' (Optional)

08.45 am Presentation by MESIA (Middle East Solar Industry Association) on the '**Status of Solar Energy in the Middle East**', followed by a Q & A on 'Solar Energy in general'.

09.45 am Visit to the '**Mohammed Bin Rashid al Maktoum Solar Park**', one of the biggest Solar Energy Plants in the world, hosted by DEWA (Dubai Electric & Water Authority)



01.30 pm **Late lunch**

02.00 pm Visit to the brand new **DEWA HQ building in Al Quoz**, one of the most sustainable buildings in the world. A recent project in which the highest standards of sustainable building are applied. The building will be finished by mid 2019.



03.30 pm Return to the hotel for some relaxation/working

06.30 pm **Workshop with MEFMA** on 'Green mobility/Green Energy/Smart Building (°)'.
A MEFMA member and a representant of the European delegation give a presentation followed by Q & A and informal get together and exchange of ideas and expertise.
(final themes to be decided by the participants)

08.30 pm **Diner** in an iconic Dubai venue

MONDAY APRIL 8

08.30 am Departure for *Bee'ah Recycling Plant*. Bee'ah is a Sharjah based government related institute that is specialized in advanced waste management & recycling. It operates a world leading recycling plant with famous customers such as Tesla. A presentation will be given at the plant itself followed by a site visit.



11.30 am Presentation at *Ikonhouse, specialized in smart living & building*. The presentation will deal with aspects of domotics and the programming behind it, followed by a Q & A and light informal lunch where expertise can be exchanged.

01.00 pm Transfer to the Dubai Marina for a presentation by Alstom on the '*Marina Tram*', a tram using induction technology. Presentation and visit to the maintenance area.



- 03.30 pm** *Site visit on Smart Building* with Ikonhouse in Business Bay (close to the hotel)
- 04.30 pm** *Return to the hotel for free time*
- 06.45 pm** Pre dinner drinks hosted by Ian Harfield, Board Member of MEFMA and Managing Director of Cofely Besix Middle East. Informal presentation & cocktail on the *'Status and the future challenges in Facility Management in the Gulf Area'*
- 08.00 pm** Visit *'At the Top' at Burj Khalifah*, the highest building in the World.
- 09.00 pm** *Diner at Abdel Wahad* restaurant at the foot of Burj Khalifah and with an amazing view on the famous fountains.

TUESDAY APRIL 9

08.30 am Presentation by Besix on *'Smart Building Technology'*

Besix is a leading contractor that was one of the three members of the consortium that built the Burj Khalifah, the highest building in the World. Besix was and is involved in the development of many iconic landmarks in the UAE and is to be considered as one of the main market leaders in construction all over the Middle East.

'We are pleased to give an insight in the smart building technology, Besix is developing. At the commencement of the design, attention is to be paid to ensure the project costs are optimized over its life cycle, from construction over operations and maintenance till demolition phase. This means that your building is to include the current latest technologies, but also should be able to incorporate at a later stage, technologies still in an R&D stage during the construction phase. Our smart building technologies can provide support for the building's energy management, parking management, workspace optimization, and support the maintenance activities.

To maximize chances for future incorporation of new technologies, employers are to request contractors to deliver a project twice: a physical one and a digital one. The latter is increasing its importance. Building owners, but also governments are to develop digital twins, to manage more effectively their buildings, districts, towns. These technologies are growing rapidly currently, will offer us new opportunities in the near future.

Besix is cooperating with various industrial partners, start-ups to boost the creation of added value through co-creation. This is the current strategy of the group, and we can clarify also how Employers are to be attentive in their procurement strategy, to ensure they receive value for money.'

Boudewijn Bartholomeeussen, Director Engineering Department Dubai at BESIX

(Besix site visit : see below)

10.15 am Visit to the **2020 World Exhibition Site in 'Dubai South'**, close to the new airport (building phase)



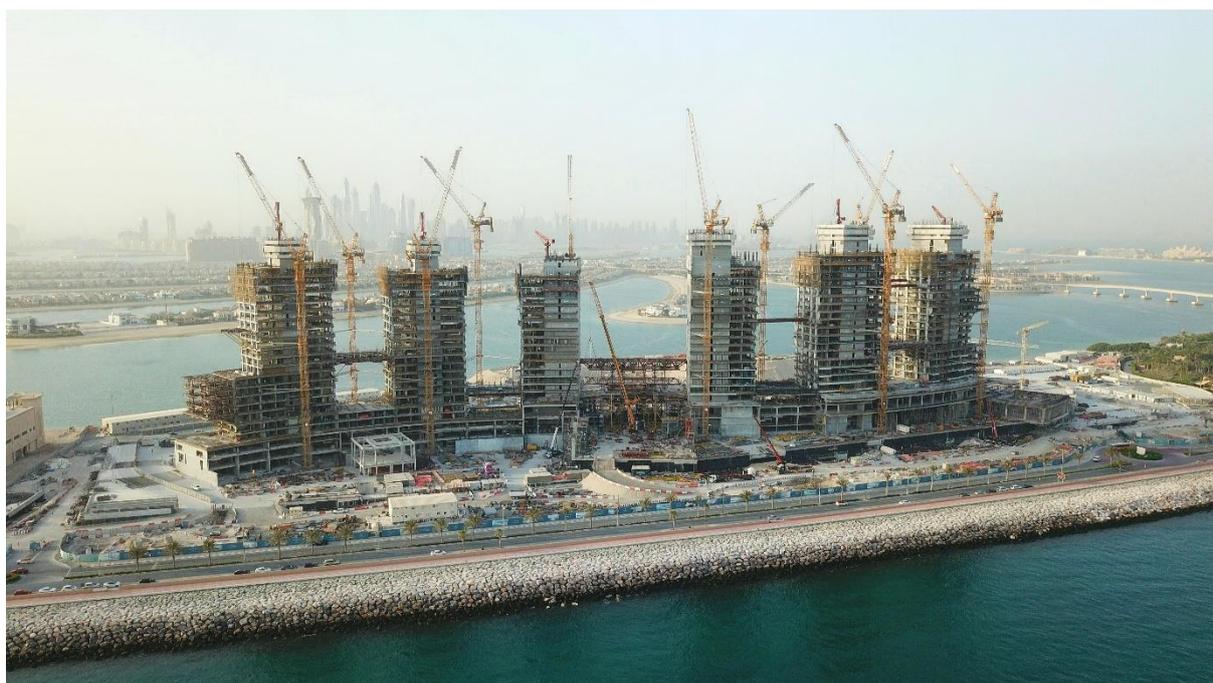
12.00 pm Visit to the **Nakheel Sales Office**. Nakheel is one of the two leading real estate developers in Dubai (government owned). One of their most famous projects is the Palm Jumeirah. We get an exclusive presentation on ongoing and planned developments in Dubai. The presentation will be attended by the operational management of the Palm for a Q & A on all operational items on the Palm Jumeirah



1.30 pm : *Lunch at Kaleidoscope Restaurant* at Atlantis Hotel Palm Jumeirah



03.00 pm Guided tour by Boudewijn Bartholomeeussen from Besix to the *construction site of one of the newest Hotel Developments* on the Palm



05.00 pm Return at the hotel. *Leisure!*

08.30 pm *Diner* at Alta Badia Restaurant at the 51st floor of the Iconic Emirates Towers, often considered as the most beautiful buildings of Dubai.

11.00 am *End of program*

After diner participants are free to spend the rest of their evening at leisure and taking into account the timing of their chosen flight. Departure from the hotel to the airport is at guests' leisure (taxi will take 20 minutes and will cost max 10 USD).

Suggested flights

Stockholm				
apr/06	EK 158	15.05	23.20	Emirates Airlines
apr/10	EK 157	08.40	13.10	Emirates Airlines
Copenhagen				
apr/06	EK 152	15.35	23.55	Emirates Airlines
apr/10	EK 151	08.20	13.15	Emirates Airlines
Helsinki				
apr/06	EK 2499	23.50	07.20	Emirates Airlines
apr/10	EK 2498	17.10	22.50	Emirates Airlines
For Finnish participants we would advise to go via Stockholm as the time of arrival of the Emirates flight from Helsinki is quite inconvenient. Or arrive one day earlier and enjoy a day off in Dubai. The organisation can offer a leisure program on demand.				

Budget

Below price includes everything except the flight and the consumption of alcohol during the whole trip.

Price per person: 2.450 euro

Prices for members of Ifma Finland, Ifma Sweden and DFM: 1.950 Euro.

(a minimum of 10 participants is required)

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