



## RetrofitTech ABU DHABI SUMMIT

Unleashing Abu Dhabi's Retrofitting  
and Energy Efficiency Potential

7-8 September 2021  
Abu Dhabi, UAE

### About Retrofit Tech Abu Dhabi:

Sustainability is at the heart of the UAE's vision for the future; Whether as part of the UAE Vision 2021, or the individual emirates' sustainability goals, there is no shortage of exciting and ambitious projects happening in the coming years.

In Abu Dhabi in particular, the launch of the **Abu Dhabi Energy Services Company (ADES)**, as well as ambitious plans such as the **Abu Dhabi Demand Side Management and Energy Rationalization Strategy 2030**, have brought about an abundance of new large-scale retrofitting and energy efficiency projects to the emirate.

To bring the top stakeholders across the **Retrofitting, Energy Efficiency and Sustainability** sectors together to discuss these exciting visions and learn more about the upcoming projects, the **Retrofit Tech Abu Dhabi Summit** is taking place **physically** from **7 – 8 September 2021 in Abu Dhabi**.

### KEY THEMES

- ✓ Lighting Retrofits
- ✓ HVACR Retrofits
- ✓ IoT & Smart Technologies
- ✓ Sustainable & Energy Efficient Facilities Management
- ✓ Cross-sector Case Studies
- ✓ Net-Zero Energy Buildings
- ✓ Renewable Integration
- ✓ Outdoor Lighting
- ✓ Energy Efficient Design & Architecture
- ✓ Demand Side Management



## Early-Confirmed Advisors:

- **Stephane Le Gentil**, Chief Operating Officer & Acting Chief Executive Officer, **Abu Dhabi Energy Services (ADES)**
- **David Andrew Dunn**, Projects Manager, Municipal Roads and Infrastructure, **Abu Dhabi City Municipality**
- **Hassan Younes**, Co-CEO and Founder, **GRFN** and President, **ASHRAE Falcon**
- **Nathan Hones**, Chief Operating Officer / Partner, **Carter Associates**
- **Nandan Tavkar**, Sr. Sustainability Engineer, **BuroHappold Engineering**

## Invited and Confirmed Speakers Include:

- **Stephane Le Gentil**, Chief Operating Officer & Acting Chief Executive Officer, **Abu Dhabi Energy Services (ADES)**
- **Andrea Di Gregorio**, Executive Director, Energy Efficiency and Renewables Office (Reem), **Ras Al Khaimah Municipality**
- **Ramiz Hamdan Ragheb Alaileh**, Sustainability & Energy Efficiency Director, **Abu Dhabi Department of Energy**
- **Majid Ideisian**, Project Manager - Financial Sustainability and Investment Department, **UAE Ministry of Energy and Infrastructure**
- **David Andrew Dunn**, Projects Manager, Municipal Roads and Infrastructure, **Abu Dhabi City Municipality**
- **Michel Abi Saab**, Manager – Energy Management, **Masdar**
- **Hassan Younes**, Co-CEO and Founder, **GRFN** and President, **ASHRAE Falcon**
- **Dr. Mohamed Dawoud**, Advisor - Water Resources and Environment Quality, **Environment Agency Abu Dhabi**
- **Nathan Hones**, Chief Operating Officer / Partner, **Carter Associates**
- **Hamdan Al Doukhi**, Sr.EHS Engineer, **ENOC**
- **Nandan Tavkar**, Sr. Sustainability Engineer, **BuroHappold Engineering**





**Day One – Tuesday, 7 September 2021**

08:00	Registration and Coffee Break
08:55	Opening Remarks from Organizer
09:00	Chairman's Welcome Remarks
Outlining and Implementing Abu Dhabi's Energy Efficacy Goals	
09:05	<b>Keynote Opening Address</b>
09:15	<b>Keynote Presentation: ADES Presentation and Upcoming Project</b> <b>Stephane Le Gentil</b> , Chief Operating Officer & Acting Chief Executive Officer, <b>Abu Dhabi Energy Services (ADES)</b>
09:30	<b>Keynote Presentation: Abu Dhabi DSM Strategy</b>
09:45	<b>Technology Keynote Presentation:</b> <i>Session reserved for Lead Sponsor</i>
10:00	<b>Technology Presentation:</b> <i>Session reserved for Platinum Sponsor</i>
10:15	<b>Executive Panel Discussion: Best-in-class Retrofitting Implementations</b> <ul style="list-style-type: none"><li>Combining international best practices with regional expertise to achieve Abu Dhabi's Energy Efficiency and Retrofitting goals</li></ul>
11:00	VIP Exhibition Tour and Networking Coffee Break
Indoor Lighting and HVACR Retrofits Paving the Way to Net-Zero Energy Buildings	
11:30	<b>Government Case Study: Retrofitting Quick-Wins for the Government Sector</b>
11:50	<b>Presentation: Energy Efficiency in MENA – Status and Outlook</b>
12:10	<b>Technology Presentation: Lighting Retrofits</b> <i>Session reserved for Associate Sponsor</i>
12:30	Networking Coffee Break
13:00	<b>Panel Discussion: Net-Zero Energy Buildings – Are we there yet?</b> <ul style="list-style-type: none"><li>Delving deep into the potential for NZEBs, approaches for retrofitting existing buildings towards net-zero and looking forward to a future of net-positive buildings</li></ul>
13:40	<b>Technology Presentation: HVACR Retrofits</b> <i>Session reserved for Associate Sponsor</i>
14:00	<b>Presentation: Retrofitting Models – Comparing the Benefits and Challenges</b>
14:20	Networking Lunch and End of Day One





**Day Two – Wednesday, 8 September 2021**

08:00	Registration and Coffee Break
Smart Buildings and IoT Integrated Controls	
09:25	Chairman's Opening Remarks
09:30	<b>Keynote Opening Presentation:</b>
09:50	<b>Technology Keynote Presentation: Integrated Smart Building Controls for Energy Management and Optimization</b> <i>Session reserved for Gold Sponsor</i>
10:10	<b>Presentation: Abu Dhabi's Smart Street Lighting Project</b>
10:30	<b>Technology Presentation: LED and Connected Lighting as a Source of Building Energy Efficiency and Data</b> <i>Session reserved for Associate Sponsor</i>
10:50	Networking Coffee Break
Outdoor Lighting and Renewable Integration	
11:20	<b>Panel Discussion: Integrating Renewables with Indoor and Outdoor Lighting</b> • Discussing the benefits and challenges in renewable integration with buildings, and looking for the best path forward in implementing this across the region
12:00	<b>Case Study: The Potential for Renewable Integration in Buildings and Infrastructure</b>
12:20	<b>Technology Presentation: Solar Powered Outdoor Lighting</b> <i>Session reserved for Associate Sponsor</i>
12:40	Networking Coffee Break
Demand-Side Management and Energy Efficient Design	
13:10	<b>Presentation: Designing Energy Efficient and Smart Buildings</b>
13:30	<b>Case Study: Successful DSM Strategy Implementation</b>
13:50	<b>Presentation: Energy Efficient Materials and Construction</b>
14:10	Networking Lunch and End of Day Two