

# Enabling 360° vision of facilities and assets



United Arab Emirates



## Enova by Veolia

Enova, the regional leader in energy and multi-technical services, was established in 2002 as a Joint Venture between Majid Al Futtaim – the leading shopping malls, communities, retail and leisure pioneer across the Middle East, Africa and Asia, and Veolia – the global leader in optimized resource management, designing and providing water, waste, and energy management solutions. Since its foundation, Enova has always leveraged best practices developed worldwide, rooting them in the specific context of the region, to deliver operational excellence to a wide portfolio of customers.

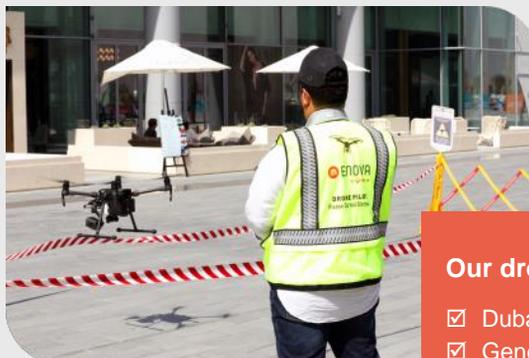
## The challenge

Maintaining our Clients' assets in operational condition, while optimizing their life cycle and energy efficiency, is Enova's main objective. This achievement partly relies on the regular inspection of facilities' structure integrity and specific assets' operating condition. Their access, however, can often prove difficult and potentially hazardous for members of staff.

## Enova's solution

*Deploying drones for inspections*

In 2017, Enova invested in **cutting-edge, industrial drones** to circumvent this issue and offer an alternative, integrated inspection and analysis solution. Equipped with **High Definition and thermal cameras**, our industrial drone captures the minutest details of our Client's infrastructure, enabling 360° vision of buildings and assets. The **FLIR recording management software** allows us to process and analyze the images and create tailored reports.



## Our drone operations permits

- Dubai Civil Aviation Authority
- General Civil Aviation Authority

**Commercial Use ONLY**

Update: 2018

Contacts:  
Ahlan@enova-me.com

Created by:  
Business Development &  
Marketing Department

Enova  
Current contract: ●

**HSE & CSR**

All HSE & CSR issues are dealt with as a matter of priority. The company is accredited with the international standards (Quality Management, Environmental, Health & Safety, Energy, and Asset management) and has also been awarded the Corporate Social Responsibility (CSR) Label five years in a row. Enova was the first Energy Services Company (ESCO) accredited in the region.



Enova  
Sustaining your  
growth

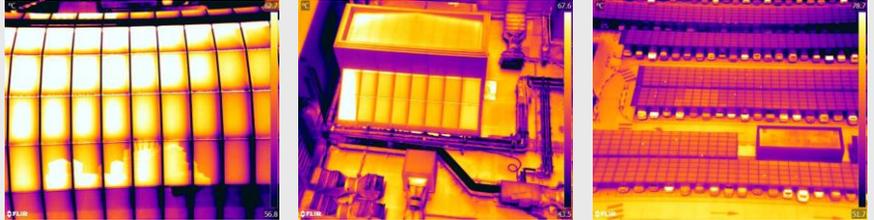


Follow Enova



Our drones allow us to access and assess a wide range of facilities and assets:

- Rooftop and duct networks
- Building envelope
- Solar panels
- Risks areas and specialized assets
- CHW and plumbing pipe networks



Thermal imaging of a client assets in Dubai, United Arab Emirates

By encompassing both inspection and analysis capabilities, **Enova's integrated drone offer delivers significant added-value** to the client. We provide high definition aerial photography and record, along with tailored reports including technical recommendations to **optimize the assets' maintenance routine and increase the building's energy efficiency as a whole**. Being the regional leader in multi-technical services, we are fully able to oversee and manage the necessary corrective actions at the Client's request.

**The benefits**

- Less downtime and fewer disruptions
- Faster retrieval of target data
- Lower exposure to enterprise risk
- Accurate and reusable data
- Reduced inspection cost
- Improved asset reliability
- Considerable safety gains

- **40+** glass facades inspected
- **10+** rooftops
- **1** solar plant
- **100+** hours of footage recorded