



▶▶ Under the patronage of **H.E. Dr. Abdullah Belhaif Al Nuaimi** - Minister of Infrastructure Development



▶▶ 17<sup>th</sup> Edition

—  
International Operations & Maintenance Conference in the Arab Countries

**19, 20, 21 NOV 2019**

Le Meridien Dubai Hotel  
& Conference Centre  
United Arab Emirates

Under the Theme:

**Enhancing Maintenance  
Through Big Data Management**

▶▶ **Hubgrade 4.0**

**Smart Hypervision Platform Hubgrade at  
the core of Enova's Excellence  
Guarantee for FM & Energy Projects**

# ►► Innovative to be sustainable



## Design Thinking

At Enova, a continuous drive for innovation is an integrated value: Across our organization, we strive for new ideas and methods that add value to our clients and their customers, while preserving the world's natural resources. In addition to analyzing building, client and end-user requirements, Enova pioneers by creating solutions of tomorrow through prediction of concrete needs before they manifest.

# ▶▶ Hubgrade

by  VEOLIA



Monitoring performance in **real-time against a set of KPIs** defined with the client

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Analyzing data to identify **areas of optimization and drifts** & determining maintenance to be conducted by on-site or mobile teams

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**Transparent real-time reporting** for our customers

# ►► One-stop shop solution

Smart sustainability  
monitoring & reporting

**Transparent**



Real-time user-friendly data, accessible from anywhere at any time.

**Tailor-made**



Generates completely customizable reports and live dashboards.

**Comparable**



Allows benchmarking against other facilities and market standards.

**Flexible**



Integrates with all on-site data systems and other Enova platforms.

**Automated**



Enables personalized notifications and automatically dispatches alarms.

**Compliant**



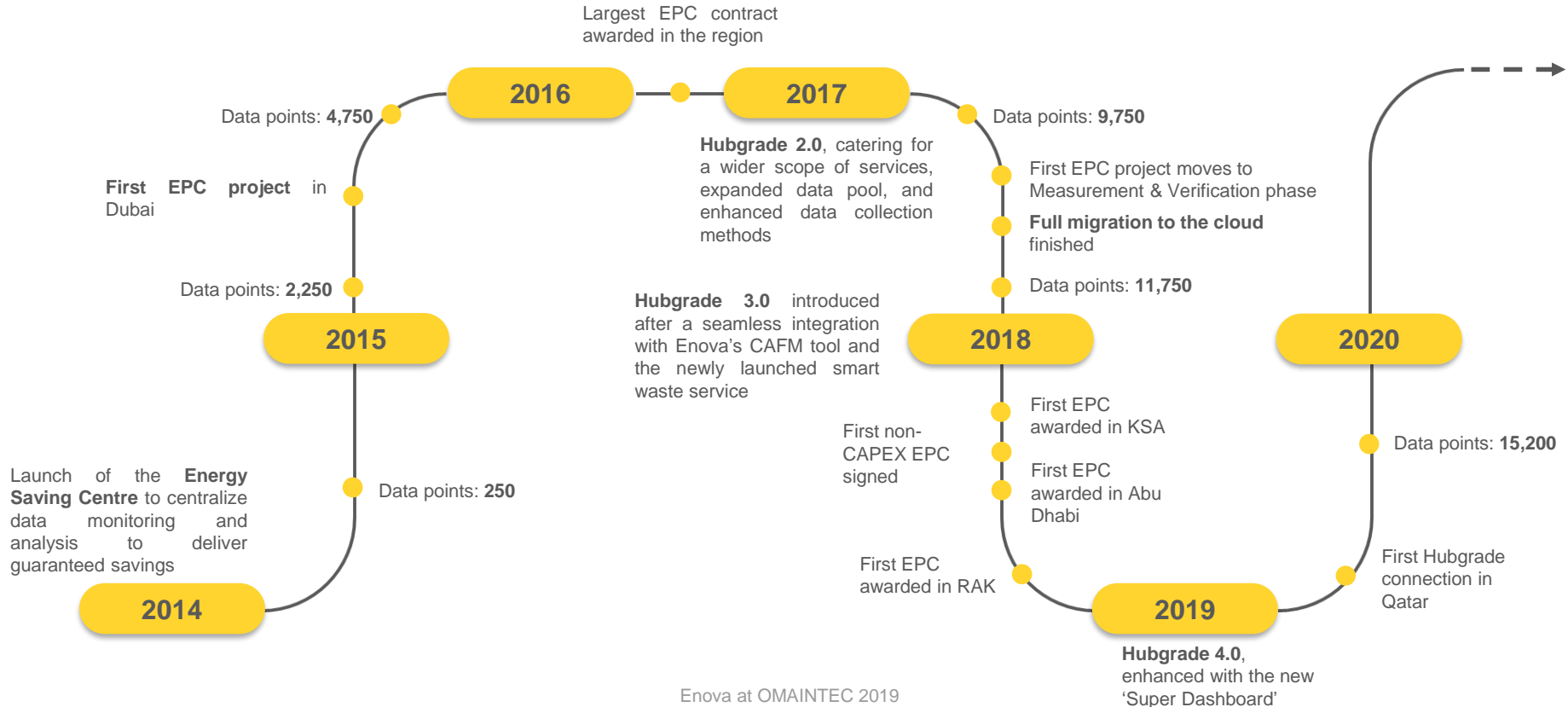
Fully compliant with local regulations and worldwide standards.

**Comprehensive**



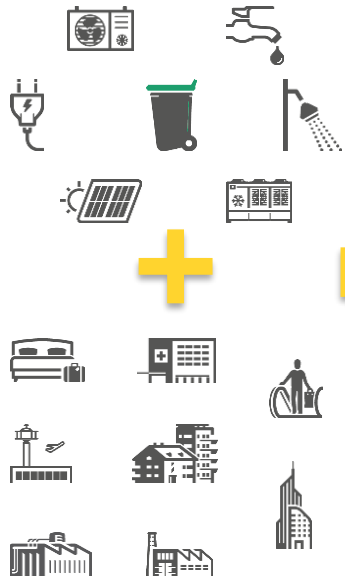
Reports genuine and holistic performance, considering changes in weather, occupancy and other factors.

# ▶▶ Continuous needs-based evolution



# ▶▶ Customer Journey

## Utilities & Facilities



## Data collection & analysis



PDAs + CAFM system



Smart meters

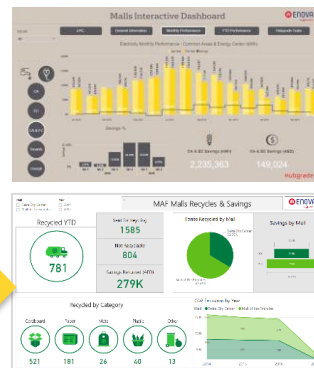


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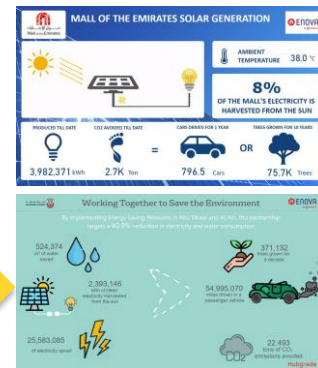
## Customer reporting



Technical & facilities dashboards + Customer mobile app



## Occupants & visitors



End-user dashboards + Tenant mobile app

# ▶▶ Service packages

Four complimentary service packages

## Progress

This level of service focuses on establishing the connection with Hubgrade, streaming data, giving access to the end-user, and providing full visibility reports, dashboards and alarms.

1

## Smart

Hubgrade monitors real-time data and performance KPIs of a facility and its assets, shown in a detailed live dashboard, in-depth data analysis allows to identify areas of optimization as well as saving opportunities.

2

## Green

Both Progress and Smart services are included, along with granular data analyses to define areas of optimization. M&V solutions enable Enova to guarantee savings on the long-term and follow all international standards.

3

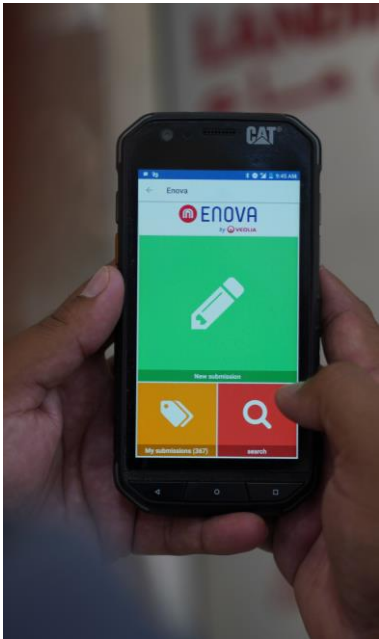
## Premium

On top of the other three service packages, the Premium suite also offers remote control capabilities, enabling Hubgrade operators to instantaneously and remotely carry out changes to ensure the optimal performance of all systems, such as changing schedules, setpoints, sequencing.

4



# ►► The bigger picture: digital leader

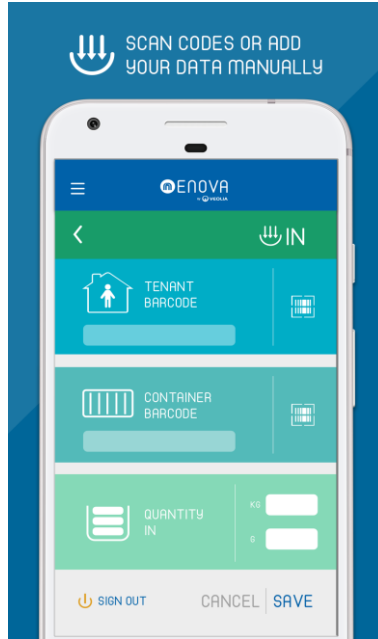
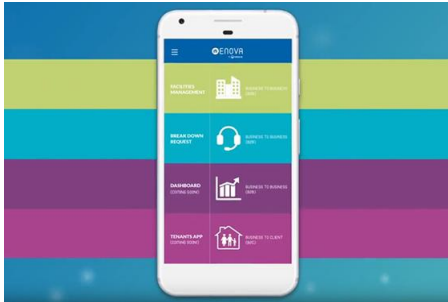


## Operational excellence

Enova's seamlessly integrated digital suite is an award-winning solution and especially Hubgrade's interactivity with other support tools as well as the degree of customization options and automated reporting offered make it stand out in the market.



# ▶▶ The bigger picture: digital leader



## Customer-centric approach

To allow full transparency and traceability for all stakeholders, Enova's digital suite includes a series of different types of customizable real-time dashboards powered by Hubgrade. The presentation of the data in a graphical, user-friendly form helps one visualize key performance indicators and trends at a glance.