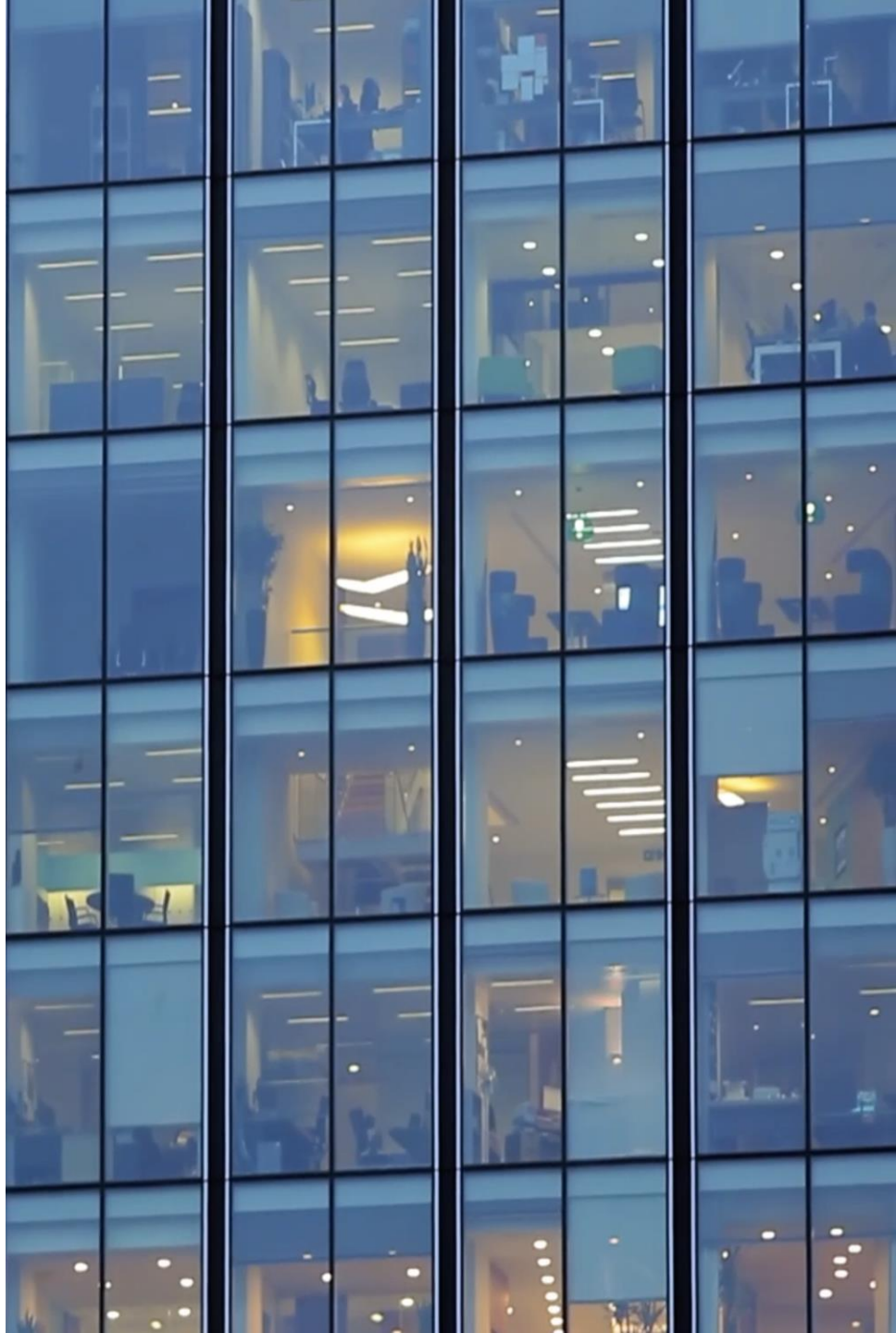
NUUKA
Smart Building Software for Smart Cities.

Company Overview.

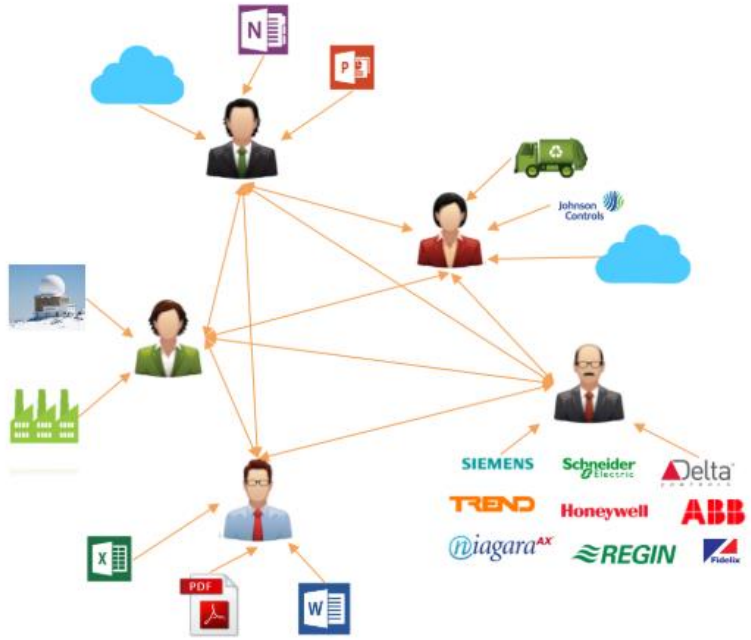
- Real-time data platform for efficient and transparent management of smart buildings
- Proven technology with over 2 500 buildings connected to Nuuka platform
- References in smart buildings in Finland, Sweden, Netherlands and the US
- Experienced team with 20 years of ICT and real estate know-how



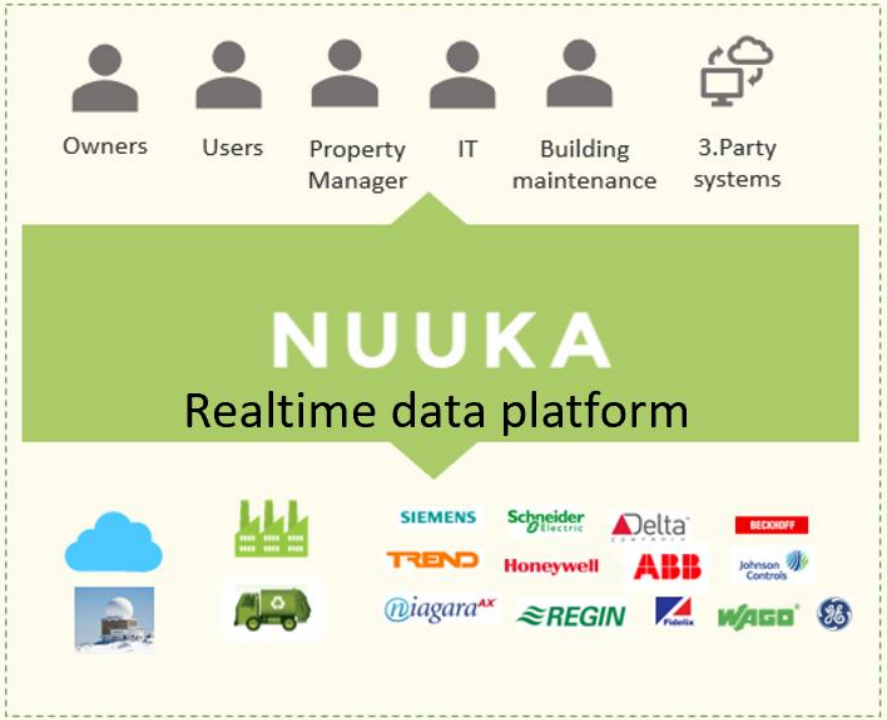
Our solution takes of the chaos.

Silo solution problem

Data chaos –
Does not scale



Nuuka's solution



NUUKA
Case City of Helsinki.
Carbon neutrality 2035
Trendsetter in energy efficiency
Building user involvement
Smart & Clean
1000 public buildings

Helsinki

Building automation

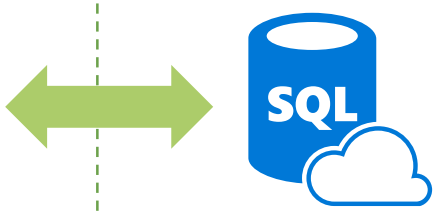
Indoor Climate sensors

Utility & waste companies

Energy & water meters

Camera Technology

Subjective user feedback



Azure SQL database

NUUKA

Data Analytics and Machine Learning

Energy

HVAC Process

Indoor Air

Feedback

Waste

Sustainability

Demand Response

Space Efficiency

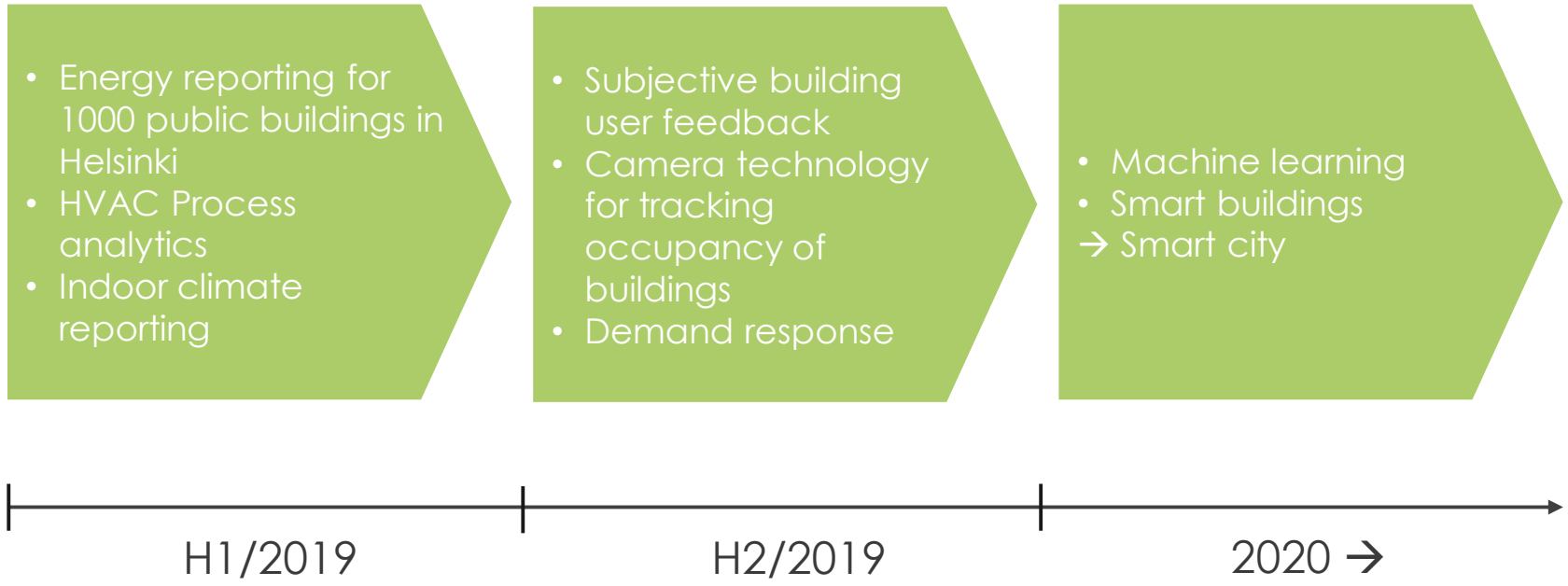
Intelligent UI

KPI Reports Power BI GRESB

Warnings and alarms

API to 3rd party

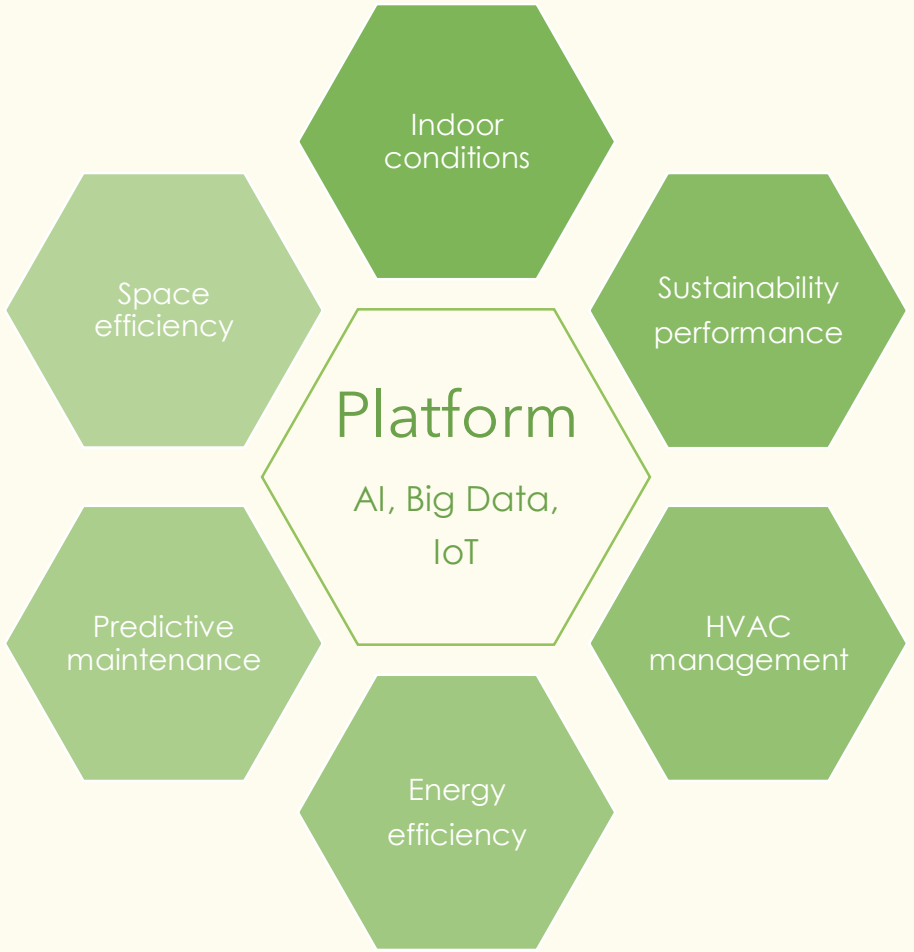
City of Helsinki Project Timeline.



Product.

Platform Overview.

At the core of Nuuka's software is a management platform for Real Estate business. Our platform offers a diverse set of user application to manage sustainability, indoor climate, space efficiency, people flow, energy efficiency and building performance. Resulting in reliable data that gives a single version of the truth for any operator in property environment.



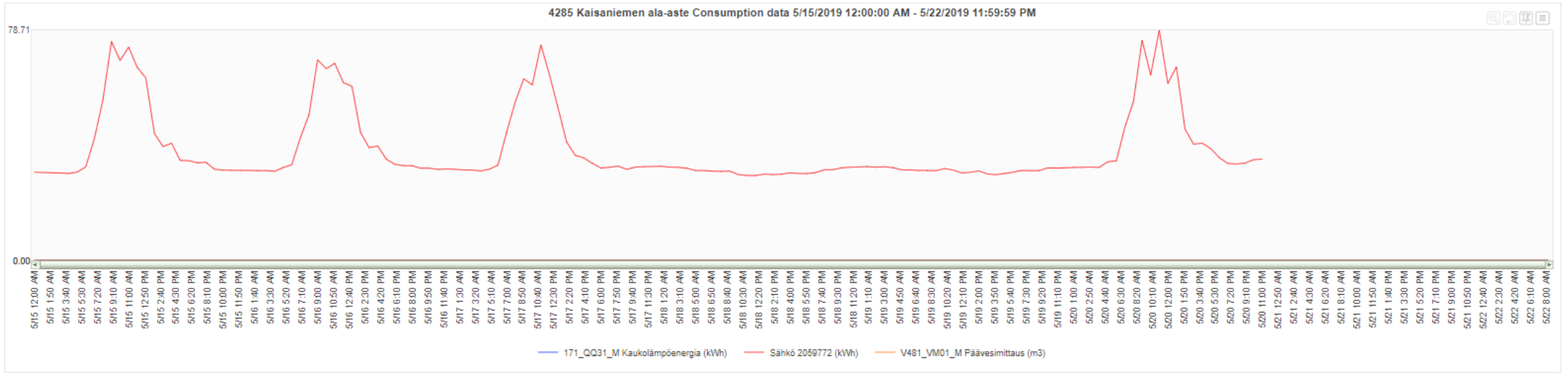
NUUKA Overview Navigation Admin Alarms 1286 » Helsinki CA

Location: 4285 Kaisaniemen ala-aste

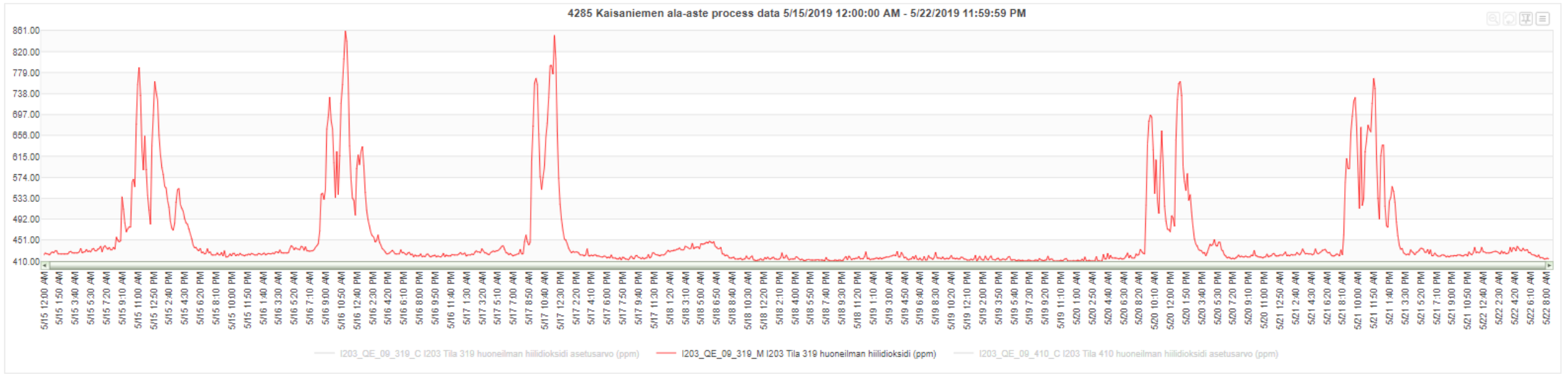
Energy reports | Analysis | Trends | Source data | Energy management

-7 days | Today | Free timespan | Select data points...

Zoom mode | Pin mode | Reset | Units



Data point	Sum	Min	Max	Avg
171_QQ31_M Kaukolämpöenergia (kWh)	0	0	0	0
Sähkö 2059772 (kWh)	5463.84	29	78.71	37.87
V481_VM01_M Päävesimittaus (m3)	0	0	0	0



Data point	Min	Max	Avg
I203_QE_09_319_C I203 Tila 319 huoneilman hiilidioksidi asetusarvo (ppm)	700	700	700
I203_QE_09_319_M I203 Tila 319 huoneilman hiilidioksidi (ppm)	410	861	452.79
I203_QE_09_410_C I203 Tila 410 huoneilman hiilidioksidi asetusarvo (ppm)	700	700	700

Case Kalasatama.

"Helsinki aims to be the world's leading city in digitalization. The choice of ***Nuuka*** *as our partner is part of Helsinki's determined advancement towards the smart city era."*

Jan Vapaavuori,
The Mayor of Helsinki

Using City Buildings as Virtual Power Plants.

- Increasing share of renewable energy are setting challenges for grid load management
- In the grid system the load and the generation of electricity need to be constantly equal
- Buildings can be used as energy storages and as a source for demand response

Nuuka Platform

Remote control

City Buildings

Demand response enables cities to become mo
sustainable and greener.

NUUKA

Olli Parkkonen
Head of Business Development
olli.parkkonen@nuukasolutions.fi