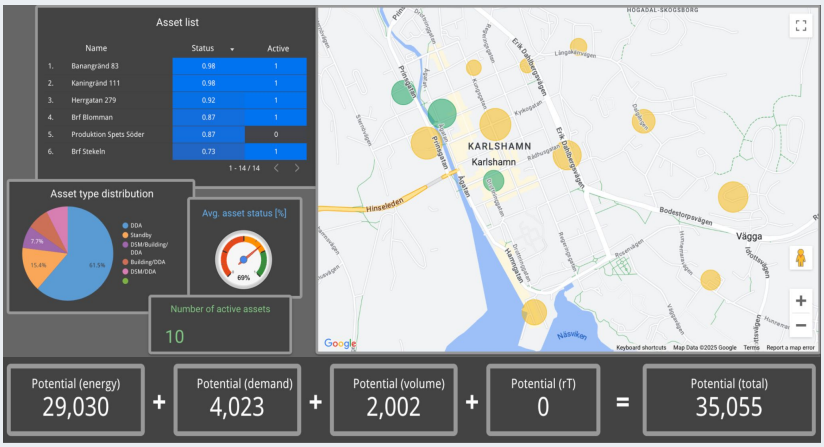
NODAIMPACT
for buildings

A REFERENCE CASE

BUILDING INFRASTRUCTURE

Controlled nodes	202
End-users	46
Type	Multi-family residential, housing associations, commercial, public hospital
Heating Sources	District heating, heat pumps and hybrid systems

INITIAL OVERVIEW



ACHIEVED ENERGY SAVINGS

ANNUAL SAVINGS	Energy before [MWh]	Energy after [MWh]	Savings [MWh]	Savings [%]	Savings [EUR*]
Building 1	830.1	744.6	85.5	10.30%	€7,337
Building 2	861.2	794.8	66.5	7.72%	€5,706
Building 3	640.2	543.9	96.4	15.05%	€8,269
Building 4	807.0	707.9	99.1	12.28%	€8,504
Building 5	253.4	232.4	21.0	8.28%	€1,800
Building 6	199.0	171.2	27.8	13.99%	€2,389
Building 7	452.2	406.0	46.3	10.23%	€3,970
Building 8	565.8	515.0	50.8	8.98%	€4,360
Building 9	537.9	449.0	88.9	16.52%	€7,626
Building 10	541.2	461.1	80.0	14.79%	€6,868
	5,688	5,026	662	11.81%	56,829

** Based on winter season price of 65.3 EUR/MWh and demand tariff of €116.2 EUR/kW*

TOTAL IMPACT

(average per building, from a total of 46 buildings)

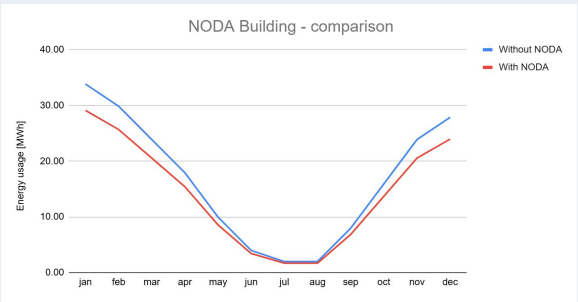
10.4% average energy savings
€2 245 annual energy cost savings
€706 annual demand cost savings
Customer payback within 1 year

INPUTS

- Weather data
- Price models and tariffs
- Heating system data with 15 mins interval
- 2 weeks for self-learning
- 1 month for proof of value

WORK DONE

- Pre-assessment
- Integration to the data systems
- Tenant configuration and activation
- Data ingestion and enrichment
- User onboarding



SUMMARY

Delivered a holistic solution for optimising all the cost aspects of heating and cooling for buildings. Combining active energy services, predictive maintenance and cutting-edge demand response for heating and cooling.

Improved customer satisfaction with a more balanced indoor climate and quality of service. Improved collaboration between property owners, tenants and energy companies.

NODA
Intelligent Systems