Sustainable Places 2021

Sep. 28 – Oct. 1

Data collection to support Energy Efficiency finance in the building sector

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This project has received funding from the **European Union's Horizon 2020 Research** and **Innovation programme** under Grant Agreement No **885395**

JOULE ASSETS EUROPE

Facilitating innovative financing for sustainable energy projects in Europe and the UK

EN TRACK

What we do

Support ESCo's growth

We work with Energy Service Companies and project developers to access appropriate project investment by providing third-party valuation, performance insurance, project certification, and due diligence.

Research and Innovation for Public and Government Agencies

We participate to publicly-funded initiatives to contribute to the development of sustainable energy and sustainable finance markets

Policy and regultatory groups

We are members of European and National Associations shape policy concerning the scale-up and innovating financing of energy efficiency and renewables projects

Increasing Energy Efficiency Investments

Data collection and standardization

EN-TRACK will address the **lack of statistical data** pointing to the energy and cost savings with an **interoperable ecosystem of data and tools that can support building refurbishment decision-making**.

Budget: 1.4 million €

Duration: 36 months

Project Consortium:

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Challenges

Lack of statistical data on the actual energy and costs savings. Only a small part can be used to produce reliable empirical evidence on the performance of the energy efficiency investment.

Solution

EN-TRACK will meet this challenge by enabling an interoperable ecosystem of data and tools supporting building refurbishment decision making, putting it into practice with the financial sector.

Methodology

The process is designed to **make data input simpler, more attractive and cost-effective** and to make the outputs more valuable by making them compatible with emerging market leader applications such as DEEP, eQuad and EnerInvest.

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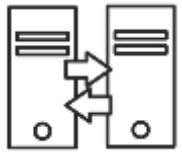
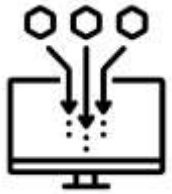
Challenges

Why is this?

- Data **standardisation**



- Lack of open source operational databases



- Enabling continuous data **collection** from public authorities

Why focus on public buildings?

- Empirical data gap

- **Interoperability** of databases and tools

The lack of statistical data on the actual energy and costs savings

In conclusion

The overall aim of the project is to enable an interoperable ecosystem of data and tools

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How we will meet the challenges

EN-TRACK builds on an existing proven infrastructure developed by CIMNE (SHERPA & EDI-Net platform)

- Make the platform **interoperable** and complementary to the EEFIG-DEEP, eQuad and EnerInvest platforms.

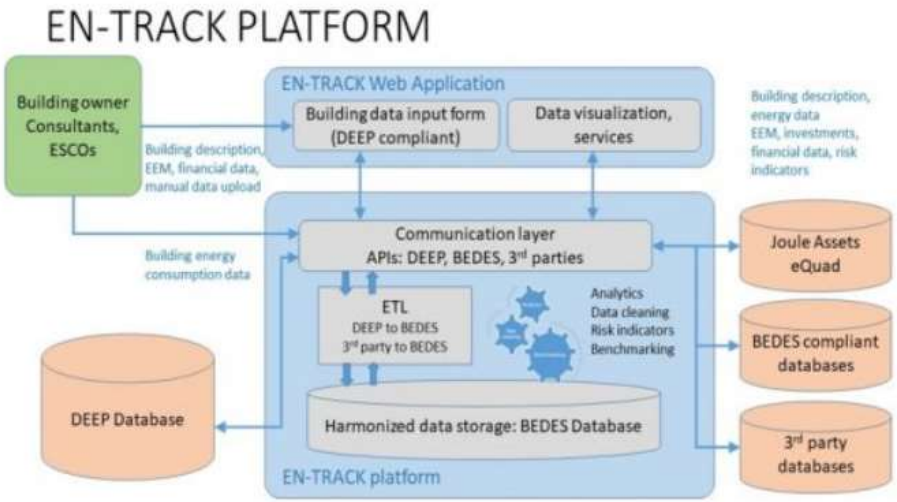
And then what?

- **Promote** and incentivise the widespread adoption of the platform

- Provide **capacity building** for investors and building owners

- Make the platform economically **sustainable**

Build on what we have



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The platform

Who is it for?

Building owners and operators

- Benchmark and compare the performance of buildings before and after EEMs

Financial institutions

- Benchmark and compare the financial performance of EEMs

Policy makers

- Track the impact of subsidies and incentives

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Why is it useful?

Savings of various EEM portfolios

The outcomes and returns of EEMs in various settings

The risks and sensitivity of various EEM portfolios in various settings

Assessing the energy/carbon savings of various EEM portfolios

The impact of grant funding/certification on project indicators

Identifying the characteristics of under-performing buildings that may represent an investment opportunity

- ✓ Access data
- ✓ De-risk investments
- ✓ Make informed decisions

Financial Institutions

- **Directly involve over 35 financial institutions and 100 key stakeholders.**

By doing this the EN-TRACK project will develop and shape a one-stop-shop platform specifically designed for the needs of the market players.

What do they want?

- **CO2 Tracking**
- **Impact measurement**
- **Simplicity/Comprehensive**
- **Analysing trends**
- **Grants/Eligibility**
- **Quality and sustainability**

EN TRACK

Subscription Contact

Energy Efficiency Performance-Tracking Platform for Benchmarking Savings and Investments in Buildings

TRACK

Energy Efficiency Measures Buildings Energy Performance Login English

Building insights

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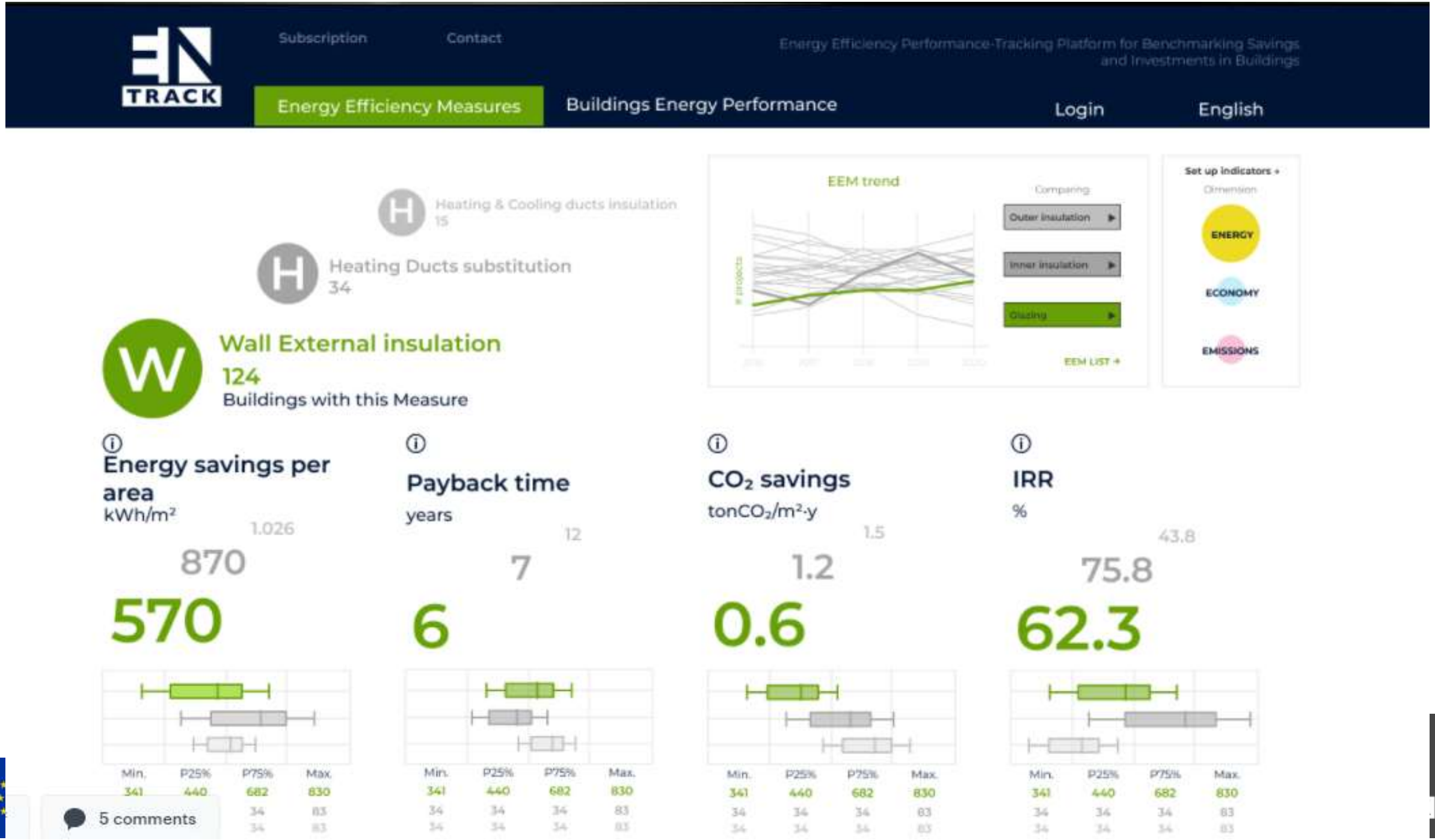
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kWh/m²
1.026
870
570
Payback time
years
12
7
6
CO₂ savings
tonCO₂/m²·y
1.5
1.2
0.6
IRR
%
43.8
75.8
62.3
Min.
P25%
P75%
Max.
341
440
682
830
34
83
5 comments

Offices 215

Primary schools 134

Hospitals

24

Buildings in this tipology

Energy use
kWh/y

1,026

870

570

Max.	830	83	83
P75%	682	34	34
P25%	440	34	34
Min.	341	34	34

KPI 2
years

12

7

6

Max.	12	83	83
P75%	9	34	34
P25%	5	34	34
Min.	4	34	34

CO_2 emissions
tonCO_2/m²·y

1.5

1.2

0.6

Max.	83	83	83
P75%	68	34	34
P25%	44	34	34
Min.	34	34	34

KPI 4
%

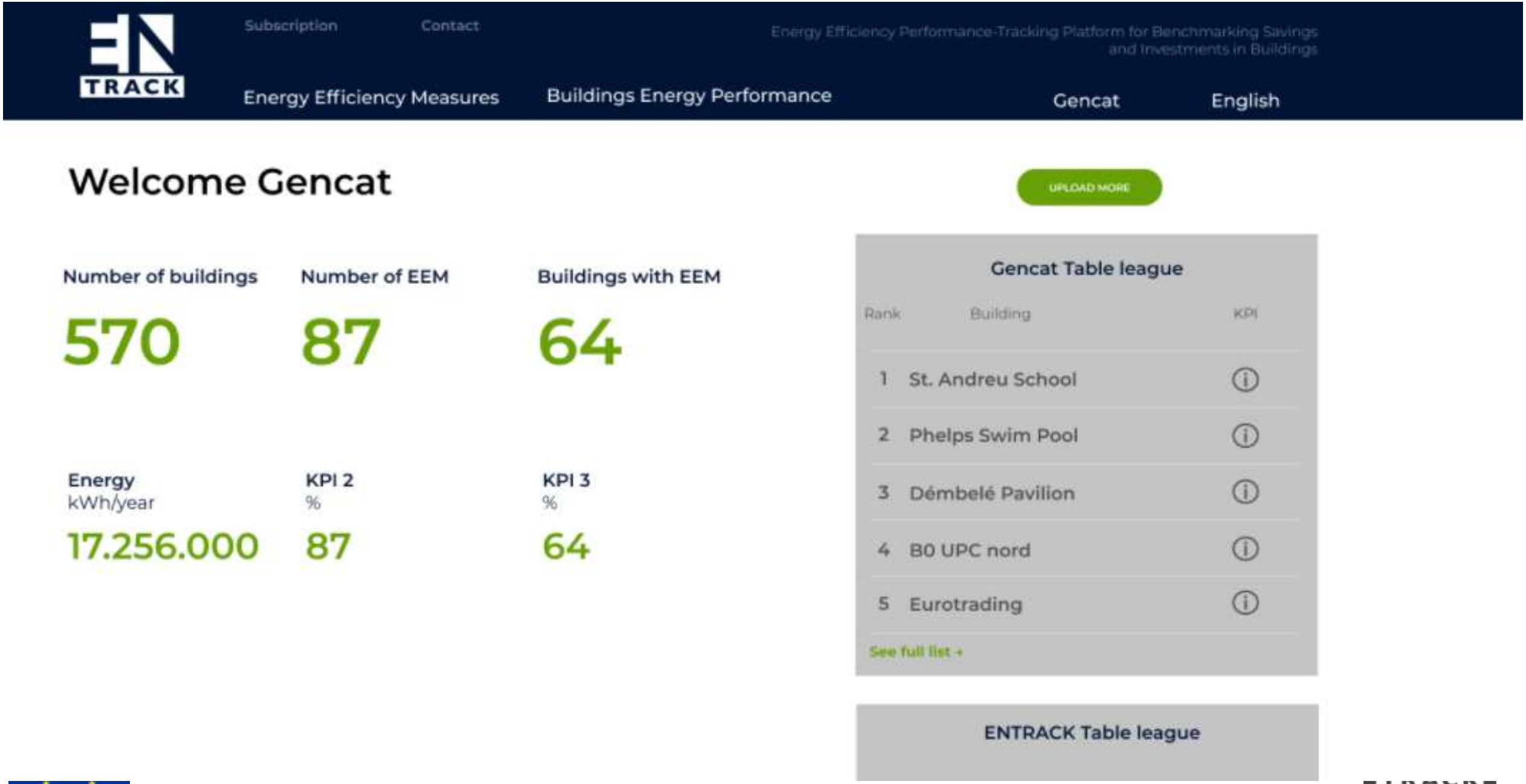
43.8

75.8

62.3

Max.	83	83	83
P75%	68	34	34
P25%	44	34	34
Min.	34	34	34

Hospitals



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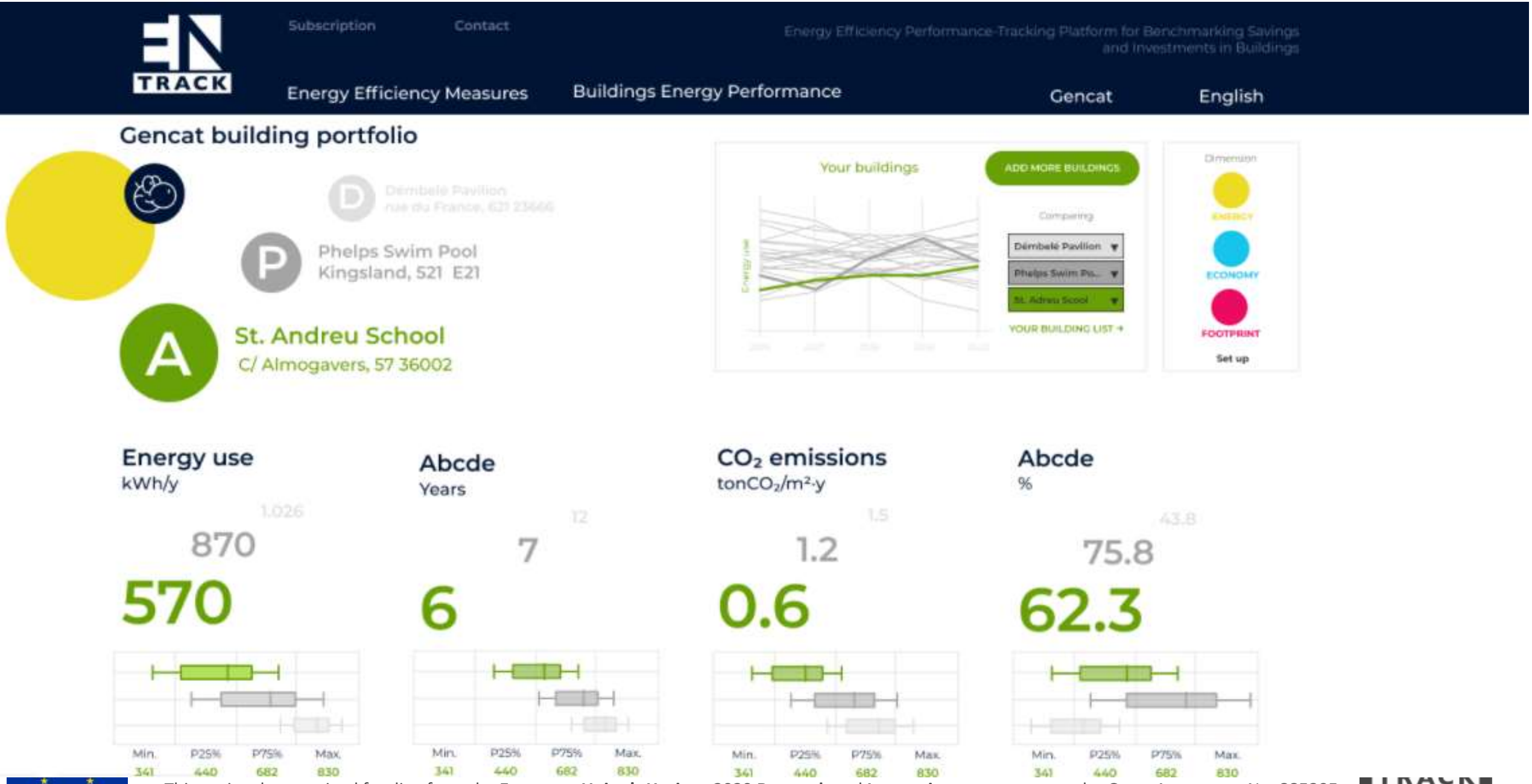

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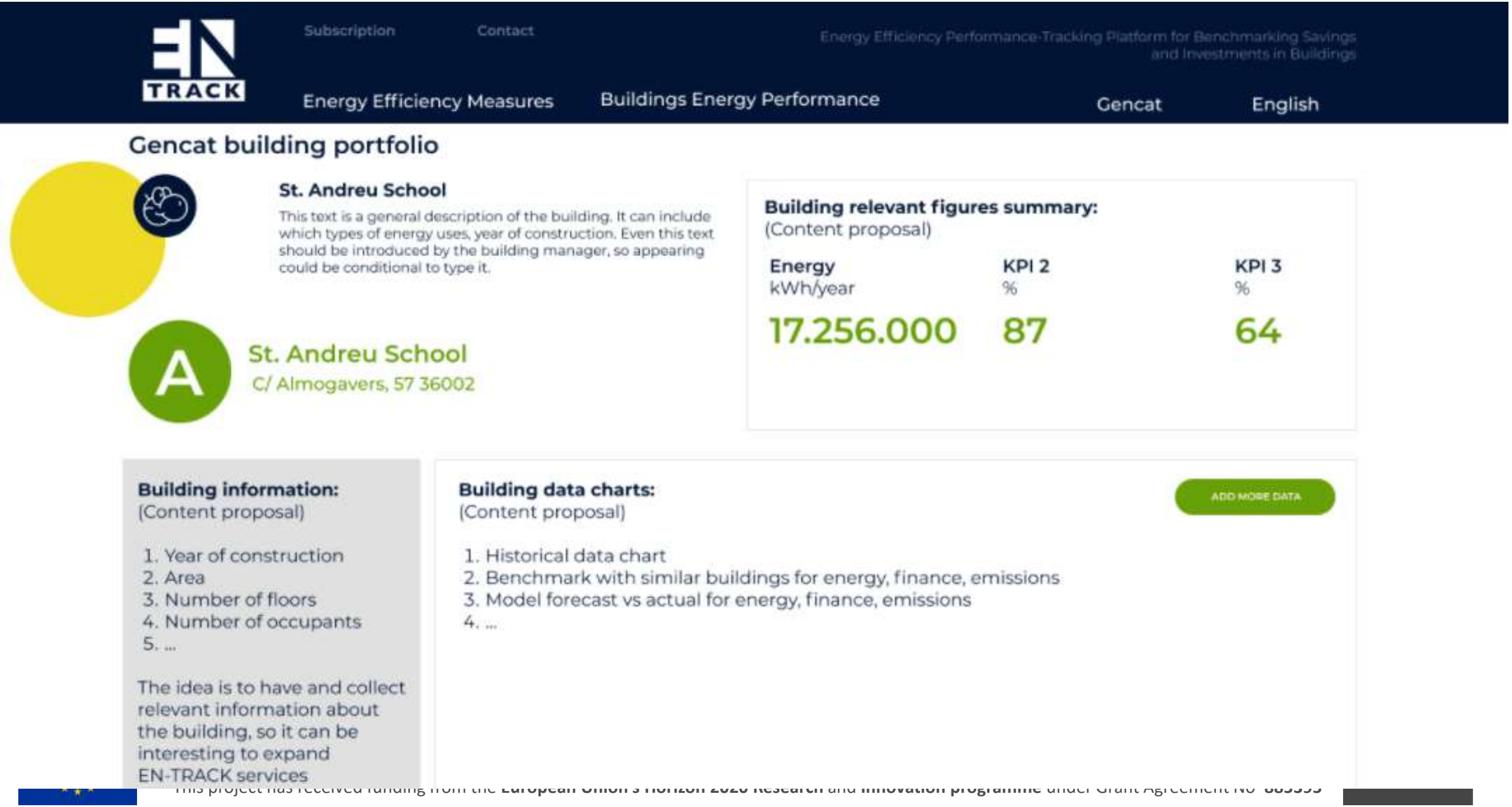

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How can you be involved?

Follow us!

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EN-TRACK Community

https://en-track.eu/join-the-community/

We have no requirements, only invitations. By joining you will receive our newsletters, invitations to share your expertise at workshops and more. We would be happy to have you in this collective and exciting project.

on's Horizon 2020 Research and **Innovation programme** under Grant Agreement No **885395**

Thank you

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