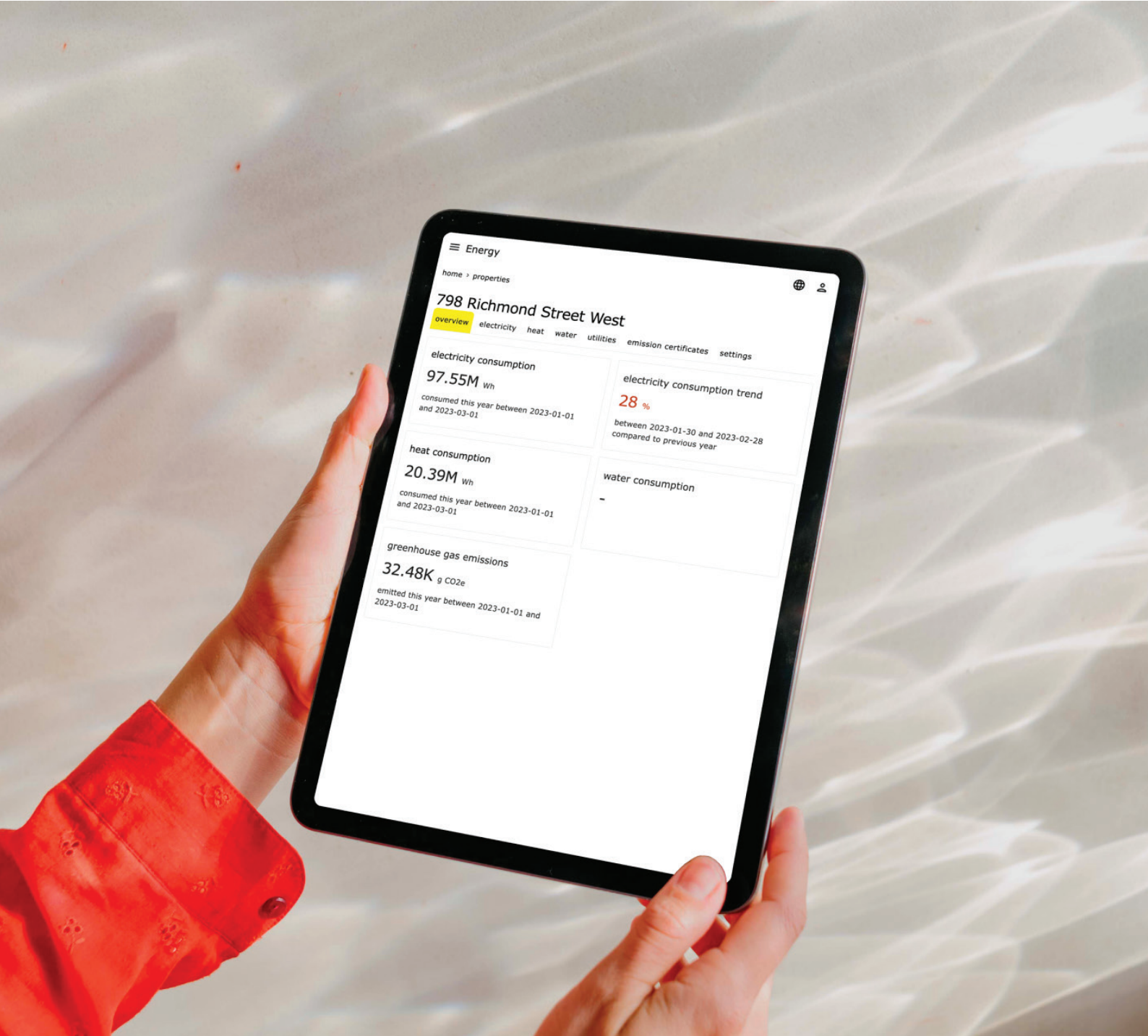


sustainability and construction

Energy Application



essentials

The Energy Application is a tool for tracking and monitoring electricity, water, and heat consumption in properties.

Receive data from smart meters automatically or upload consumption data from invoices.

Identify abnormal consumption to detect for example leakages.

Compare property consumption and intensity.

The application offers

- savings of ten percent of administrative time for sustainability reporting
- a dashboard to track consumption
- follow-up of consumption in real time

functions

The application collects consumption data and monitors the properties.

The consumption data is normalized and aggregated.

The normalization considers the vacancy and heat degree days to adjust the consumption, to make the data comparable.

The application provides aggregations for reporting purposes for

- time
- region

The consumption data is stored in a central place, where the data is normalized and aggregated to support reporting and evaluation.

collect data efficiently

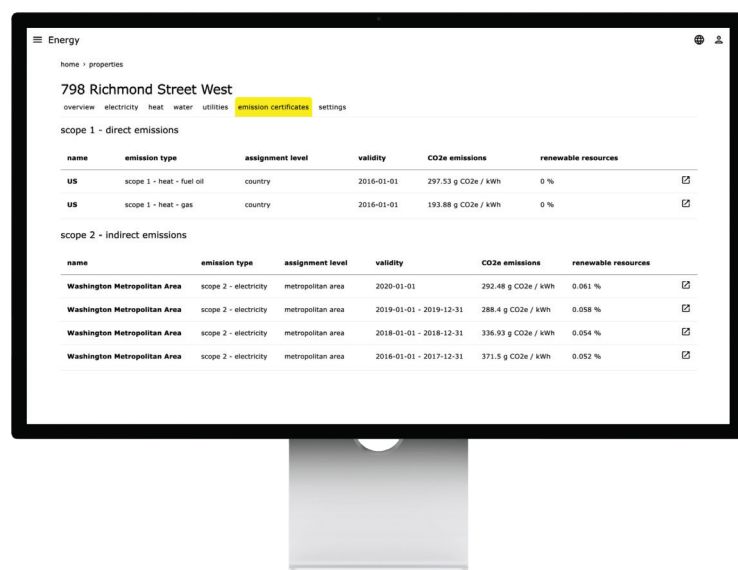
The Energy Application supports reading data from different smart metering providers automatically.

Assign smart meter devices to the respective properties to get accurate measures.

Supported device types are

- electricity meters
- heat meters
- water meters

Enter invoice data and emission certificates directly or use the Excel import functionality to provide additional information.



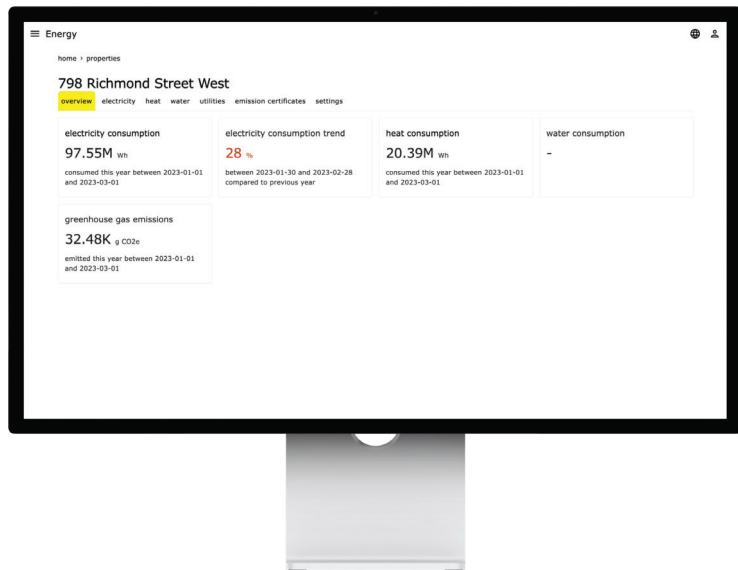
The screenshot displays the 'Energy' application interface for the property '798 Richmond Street West'. The 'emission certificates' tab is active, showing two sections: 'scope 1 - direct emissions' and 'scope 2 - indirect emissions'. Each section contains a table with columns for name, emission type, assignment level, validity, CO2e emissions, and renewable resources. The 'scope 1' table has two rows for 'US' with 'heat - fuel oil' and 'heat - gas'. The 'scope 2' table has four rows for 'Washington Metropolitan Area' with 'electricity'.

scope 1 - direct emissions						
name	emission type	assignment level	validity	CO2e emissions	renewable resources	
US	scope 1 - heat - fuel oil	country	2016-01-01	297.53 g CO2e / kWh	0 %	🔗
US	scope 1 - heat - gas	country	2016-01-01	193.88 g CO2e / kWh	0 %	🔗

scope 2 - indirect emissions						
name	emission type	assignment level	validity	CO2e emissions	renewable resources	
Washington Metropolitan Area	scope 2 - electricity	metropolitan area	2020-01-01	292.48 g CO2e / kWh	0.061 %	🔗
Washington Metropolitan Area	scope 2 - electricity	metropolitan area	2019-01-01 - 2019-12-31	288.4 g CO2e / kWh	0.058 %	🔗
Washington Metropolitan Area	scope 2 - electricity	metropolitan area	2018-01-01 - 2018-12-31	336.93 g CO2e / kWh	0.054 %	🔗
Washington Metropolitan Area	scope 2 - electricity	metropolitan area	2016-01-01 - 2017-12-31	371.5 g CO2e / kWh	0.052 %	🔗

monitor a property

The application calculates consumption trends automatically and provides an overview for the property in a dashboard.



Zoom into property data to get insights for a specific property.



evaluate and report

The application provides calculations of

- consumption
- normalized consumption
- renewable consumption
- intensity
- emissions, scope one and scope two

Evaluate the data with visualizations.

Export the underlying data in Excel for reporting.



Compare several properties at the same time to identify deficient performance or abnormal consumption.

