

PRO- ENERGY

Promoting Energy Efficiency in
Public Buildings of the Balkan
Mediterranean Territory

Web App

Interreg 
Balkan-Mediterranean
PRO-ENERGY 





Web App v1.0

This presentation should provide you a basic understanding of the pro-energy web application.



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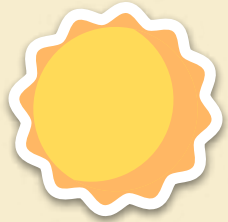
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Login

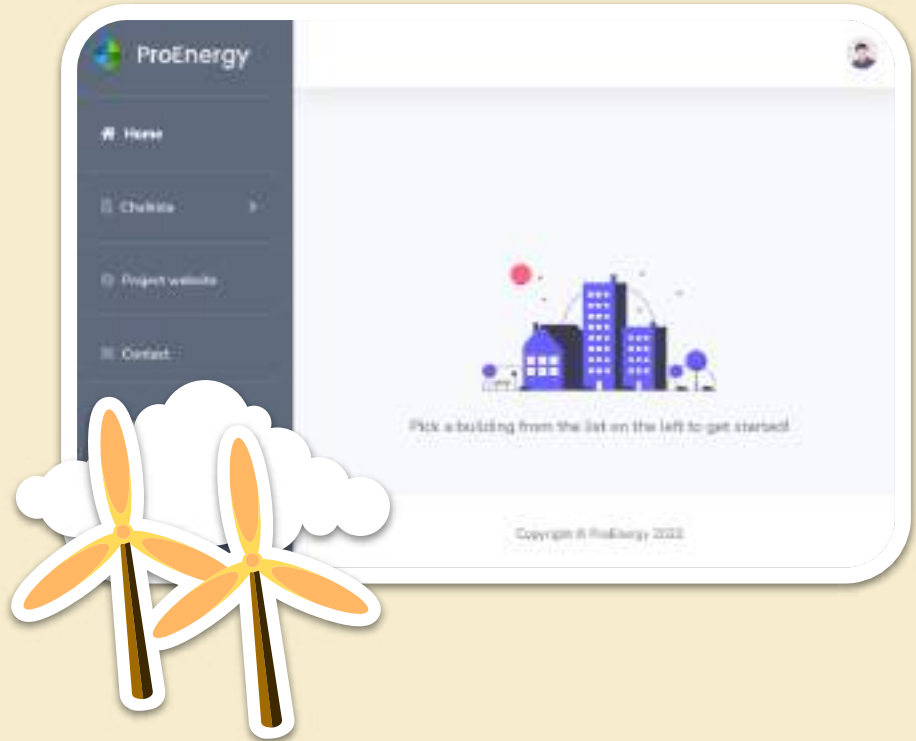
The web app is accessible via
<https://platform.pro-energy-project.eu/login>

The user is asked to provide their unique credentials, i.e. their email address and password used in their registration.

Navigation

Users can navigate through the sidebar, displayed at the left section of the screen.

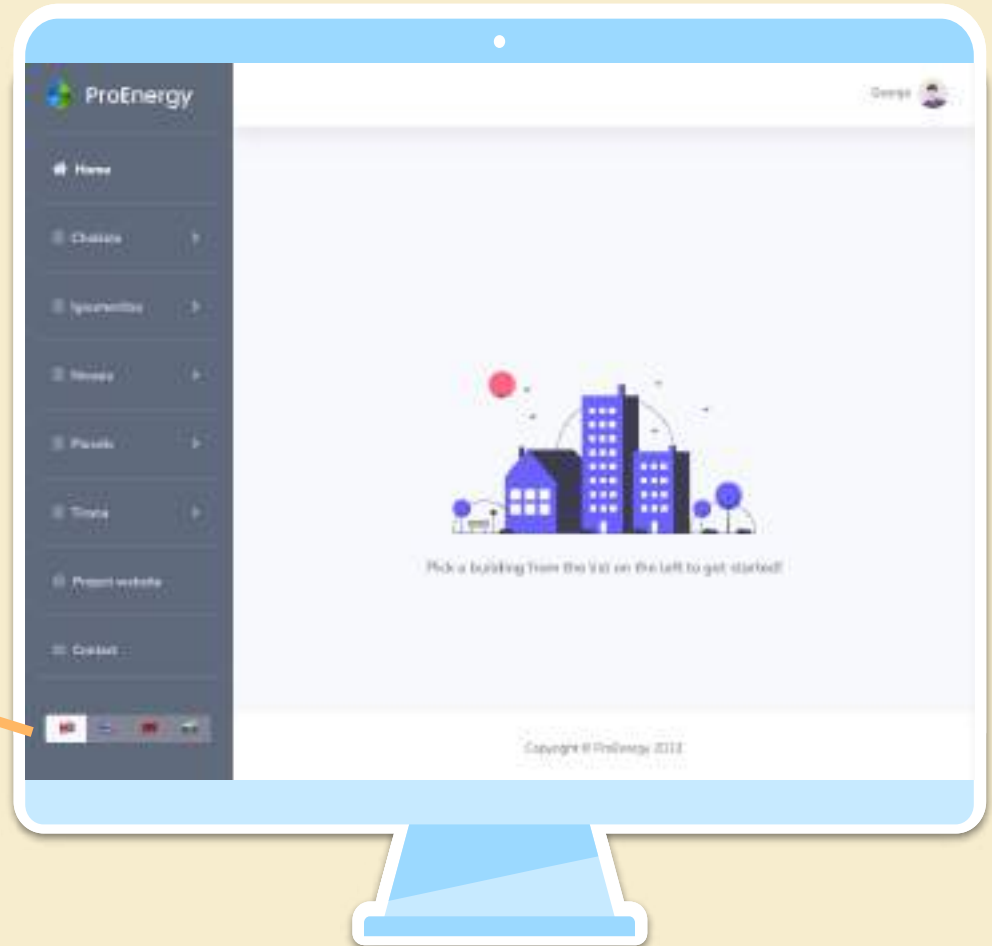
Sidebars are a staple of web apps navigation. They are convenient to users and ensure that certain page elements are always in view.



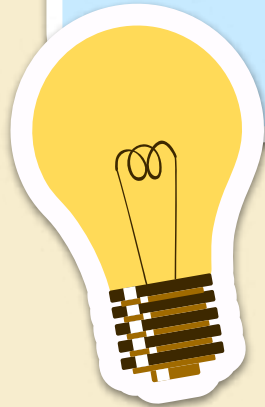
Localization

The app supports multiple languages (Albanian, Bulgarian, English & Greek).

A user can alter the app language by clicking on the respective flag.



The pro-energy web app can be viewed using many different devices, such as desktops, tablets, and phones.



Responsive Design

Building Views



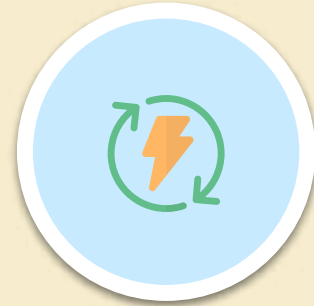
Dashboard

Monitoring the energy & other needs in buildings efficiently & intelligently.



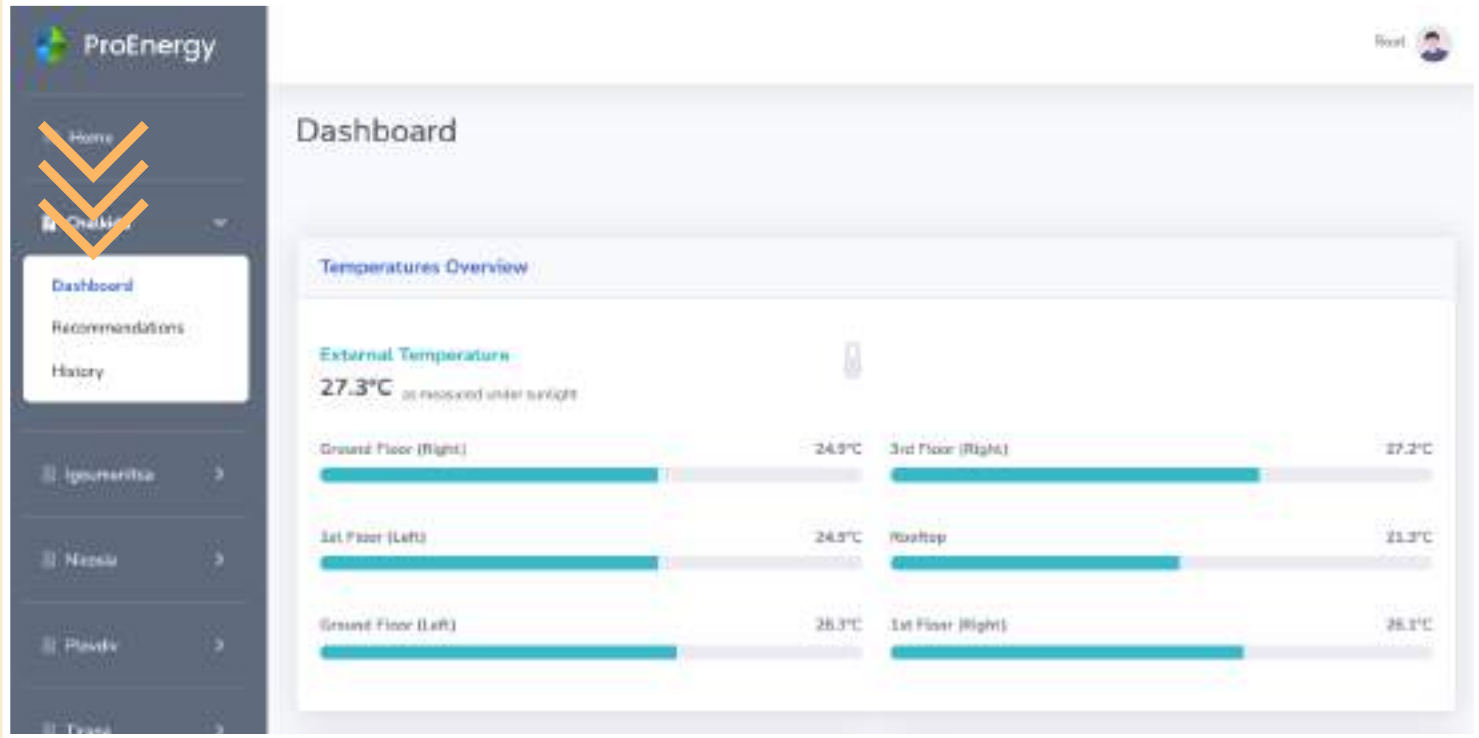
Recommendations

Providing suggestions based on the analysis of the gathered data.



History

Historical data depicting the energy usage footprint over time.

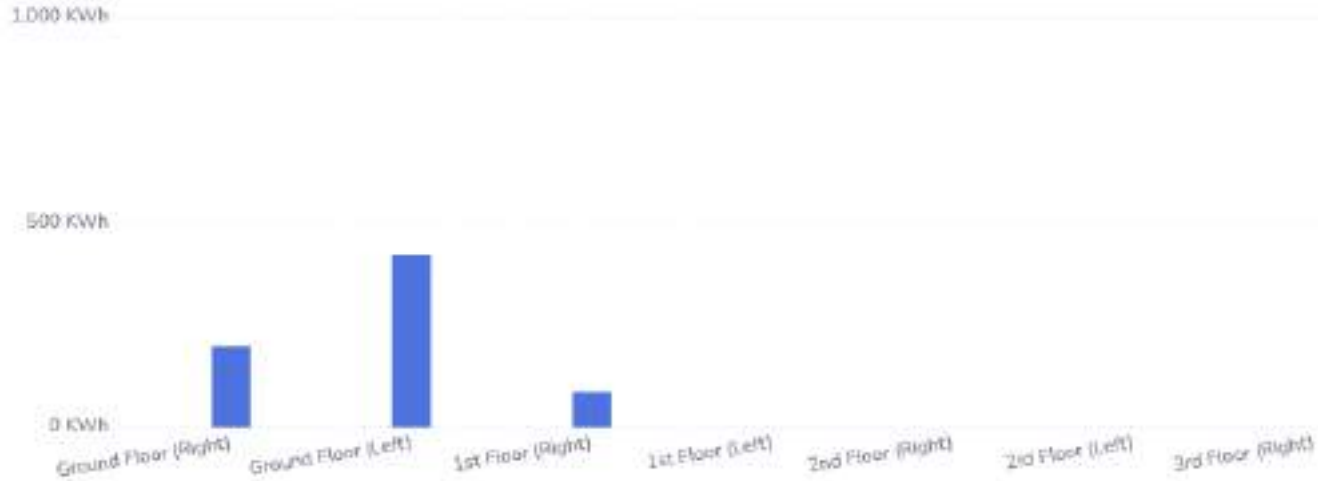


Dashboard

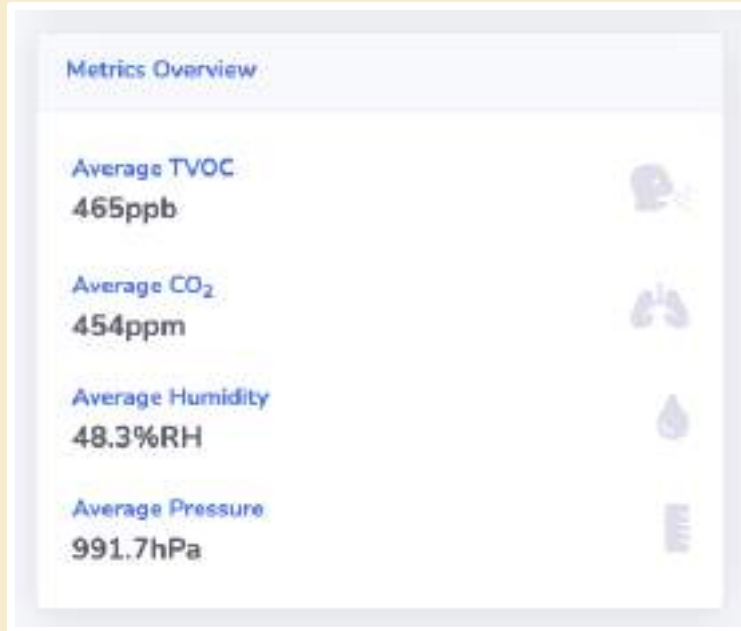
Presents multiple high-level metrics, useful for optimizing energy efficiency & productivity.



Energy Consumption Overview



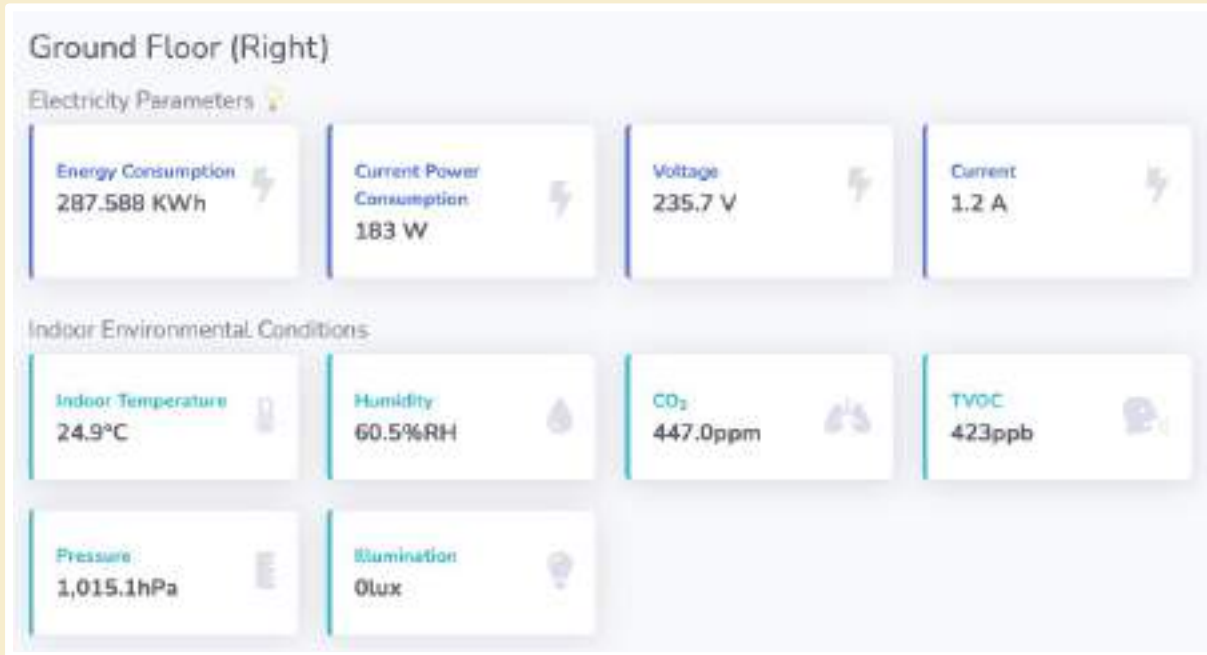
The average measurements of total volatile organic compounds, carbon dioxide, humidity and pressure within the building



The average measurements of total volatile organic compounds, carbon dioxide, humidity and pressure within the building



Depicts the rooms or sections of the building that currently consume most of the overall power



Dynamically displays electricity-related and environmental indicators for each section of the building.

Recommendations

Displays real-time suggestions that derive from the raw data received from the building's sensors.

The screenshot shows the ProEnergy dashboard interface. On the left is a dark sidebar with navigation options: Home, Controls (with a dropdown menu), Dashboard, Recommendations (highlighted), and History. Below these are 'Logon/Logout' and 'Needs' buttons. The main content area is titled 'Recommendations' and features a 2x2 grid of cards:

- Ventilation is required:** Ground Floor (Right): Total Volatile Organic Compounds (TVOC) concentration limits has exceeded 336 ppb. (Icon: Earth with eyes)
- Decrease humidity levels:** Ground Floor (Right): Humidity is over 60%. Try turning on the air conditioner or use a dehumidifier. (Icon: Water drop with % sign)
- Decrease temperature:** Ground Floor (Right): Temperature is above 24°C. An elevated temperature has a negative impact on productivity. (Icon: Thermometer)
- Decrease temperature:** Ground Floor (Left): Temperature is above 24°C. An elevated temperature has a negative impact on productivity. (Icon: Thermometer)

ProEnergy

Milesight AM107 2576

Ground Floor (flight)

Select sensor

Last 30 days measurements

Show 10 entries

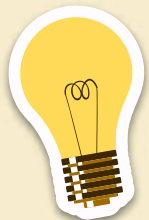
Temperature (°C)	Humidity (NRH)	CO ₂ (ppm)	Pressure (hPa)	Date
24.9	60.8	452	1010	2022-05-27 20:35:40
24.9	60.5	452	1015	2022-05-27 20:29:40
24.9	60.1	447	1015.1	2022-05-27 20:18:40
24.9	60	457	1015.1	2022-05-27 20:09:40
24.9	60	452	1010.1	2022-05-27 19:50:40
25	60	454	1015.1	2022-05-27 19:49:40
25	60	451	1010.1	2022-05-27 19:39:40
25	60	455	1015.1	2022-05-27 19:29:40
25	60	457	1010	2022-05-27 19:18:40
25	59.5	452	1014.9	2022-05-27 19:00:40

Showing 1 to 10 of 3517 entries.

Previous 1 2 3 4 5 ... 392 Next

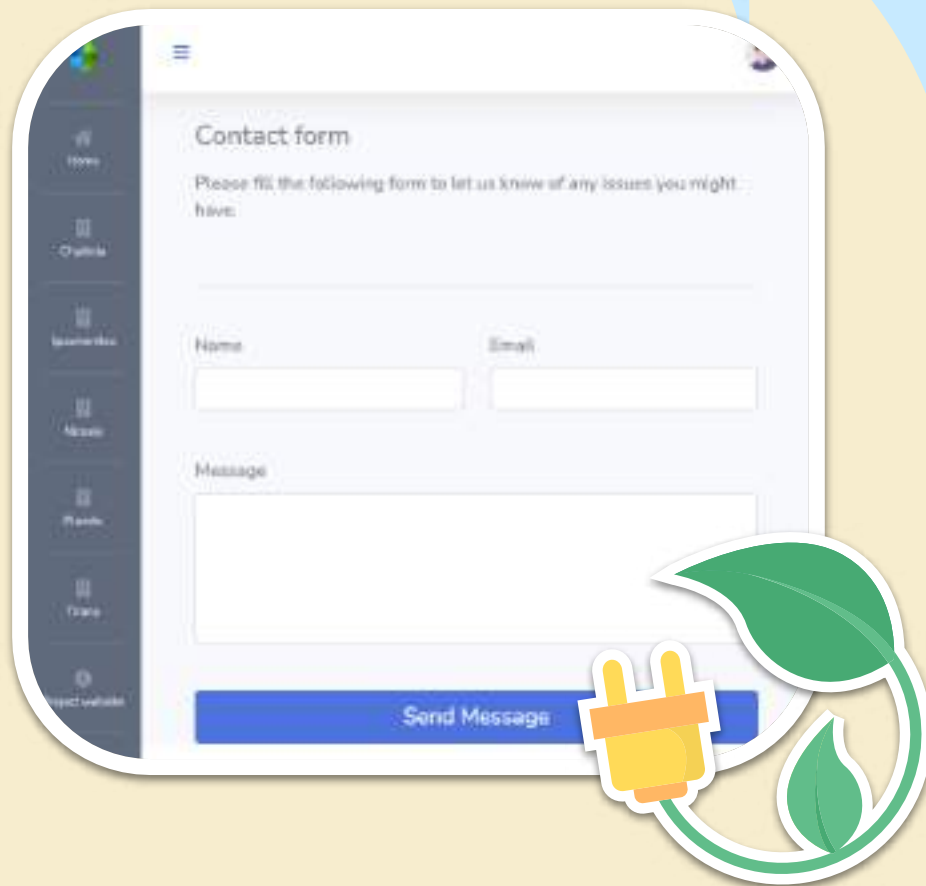
History

Enables users to select a sensor in order to observe how its values change over time.



Contact form

A user can provide feedback or just choose to communicate with the system administrators via the respective contact form that is available via the app sidebar.



User Levels

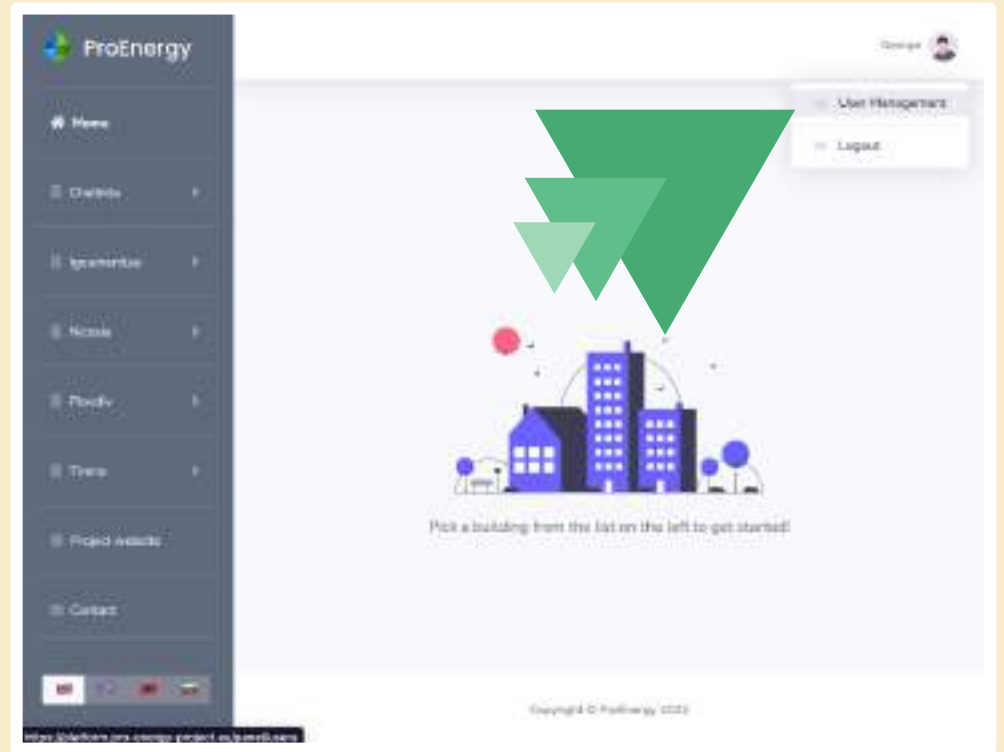
The pro-energy web application supports the following user levels:

1. **Super Admins:** system administrators who can access all buildings information and manage all users registered in the system.
2. **Building Admins:** project partners who can access the information of a specific building and manage the users of the particular building.
3. **Basic Users:** managers of a building or other personnel authorized by the project partners; all these can only access information of a specific building.



User Management

This panel is available for the first two user levels, i.e. the super admins & building admins.



Users

+ Add a new user

- Chalkida Admin
- Chalkida User
- Root
- Super Admin

Name 0

Email *
Password
Language *
Role *

- Admin**
The admin has all rights
- Chalkida Administrator**
A building administrator can access the information of a specific building and manage the users of the particular building.
- Chalkida Basic User**

Cancel Create

Role: All

- Nobody ...
- Nobody ...
- Admin ...
- Super Admin ...

Enables the registration of new users...

...plus a few User Management Actions

Update name, email & password

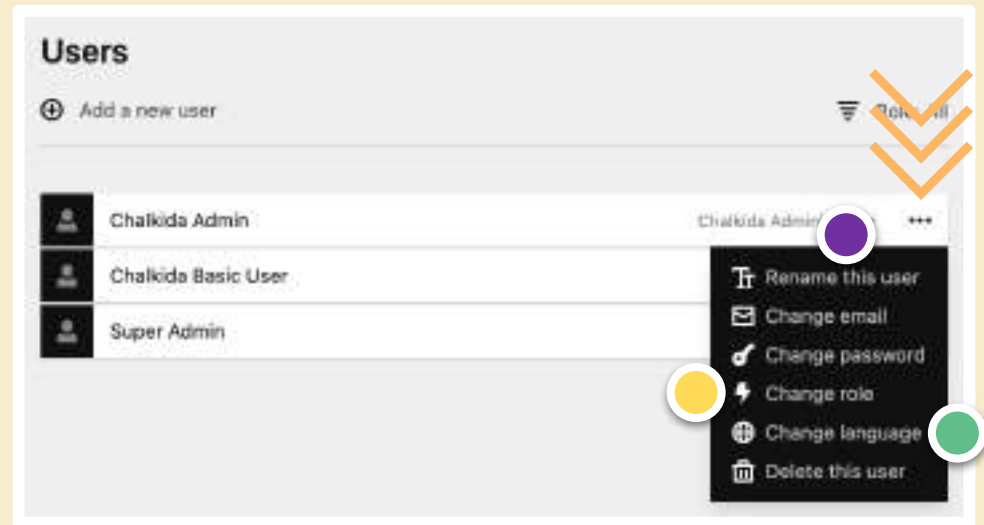
Alter the user's name & login credentials

Change role

Select among super admin, building admin & basic user

Change language

Set the default language of the user





Pro-Energy

**Web Application
v1.0**

