FEMS Settings

The ☰ burger menu at the top left of the FENECON Online Monitoring opens a side menu with various settings:

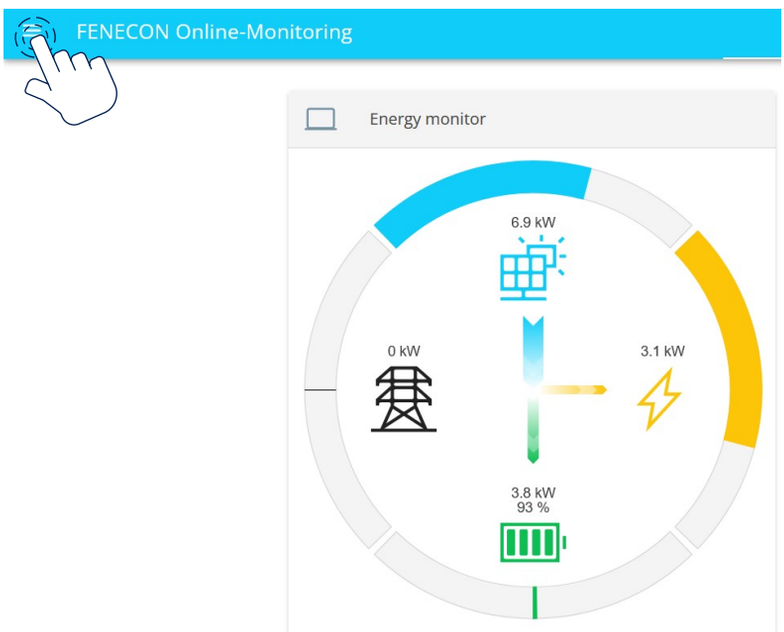


Figure 1. Transition from burger menu to side menu

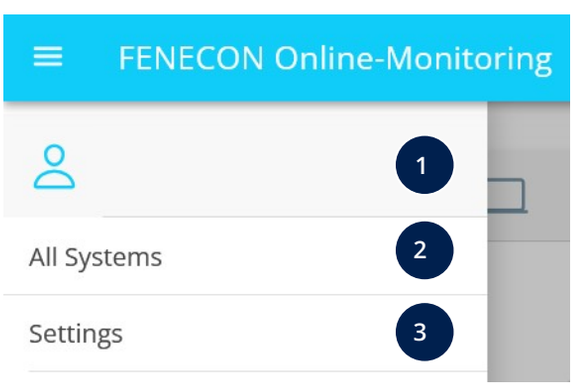


Figure 2. Side menu

The **Side Menu** contains:

1. Your account name and associated Account settings.
    a. These are user-related.
    b. Access levels:
    GUEST < OWNER < INSTALLER < ADMINISTRATOR
2. The overview of All Systems that are assigned to your account.
    a. If only one system/FEMS is assigned to the account, this option is not displayed.
3. The area to adjust FEMS Settings.

Account settings

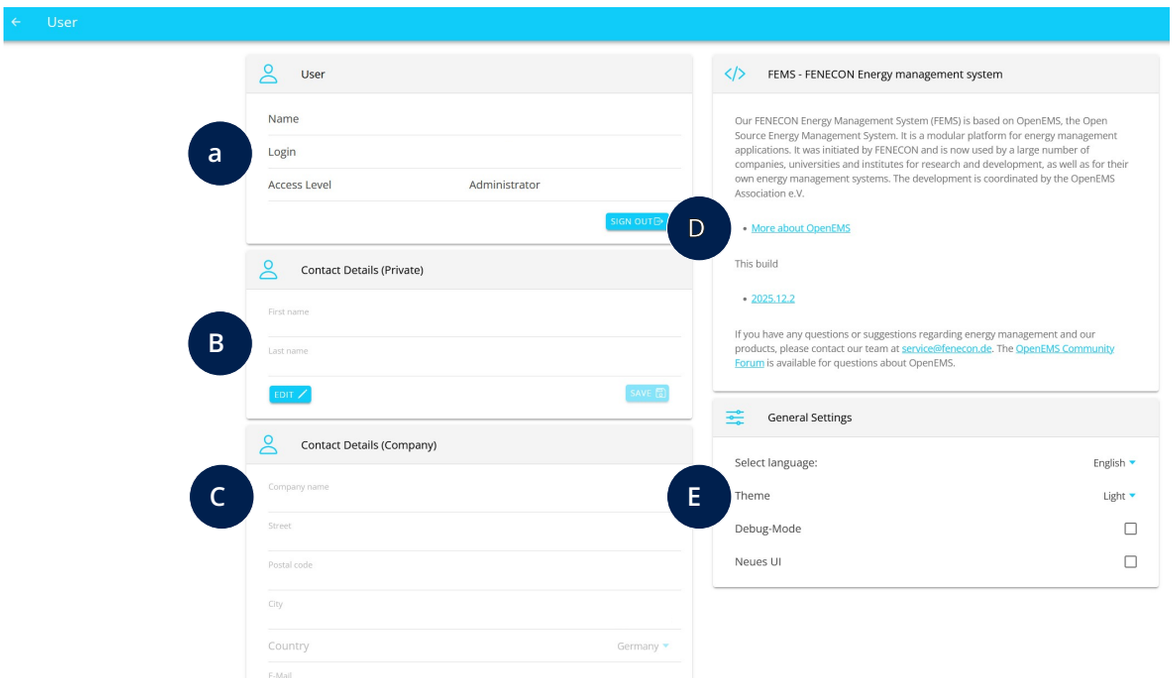


Figure 3. User settings

A. User
    a. You can logout from FENECON Online Monitoring using the *SIGN OUT* button.
B. Contact details (private)
C. Contact details (company)
D. Information on the installed FEMS version
E. General settings
    a. Language settings, switching from light mode to dark mode

All Systems

This option is relevant for users who manage multiple FEMS installations, including installers.

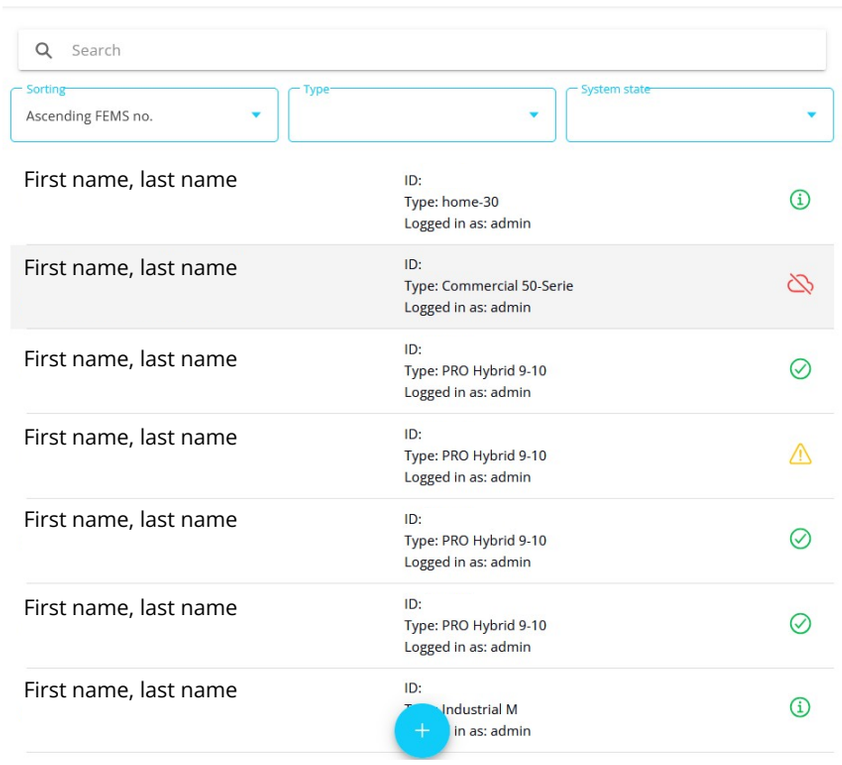


Figure 4. FEMS listing with multiple assigned FEMS numbers

- The search bar can be used to search for specific FEMS numbers or account names.
- Filters offer the option of sorting and refining the search, e. g. by electrical energy storage system (system type; Home, Commercial, Industrial) or system status.

Overview — FEMS Settings

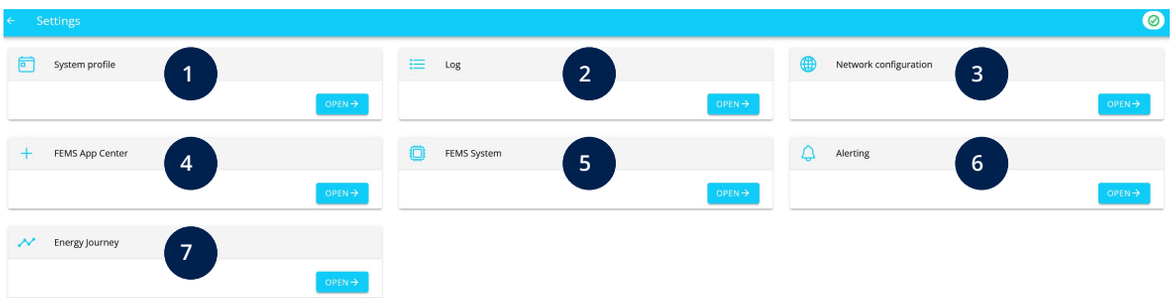


Figure 5. FEMS Settings

Click on the text to find out more about the respective setting:

1. System profile
2. Log
3. Network configuration
4. FEMS App Center
5. FEMS System
6. Alerting
7. Energy Journey

1. System profile

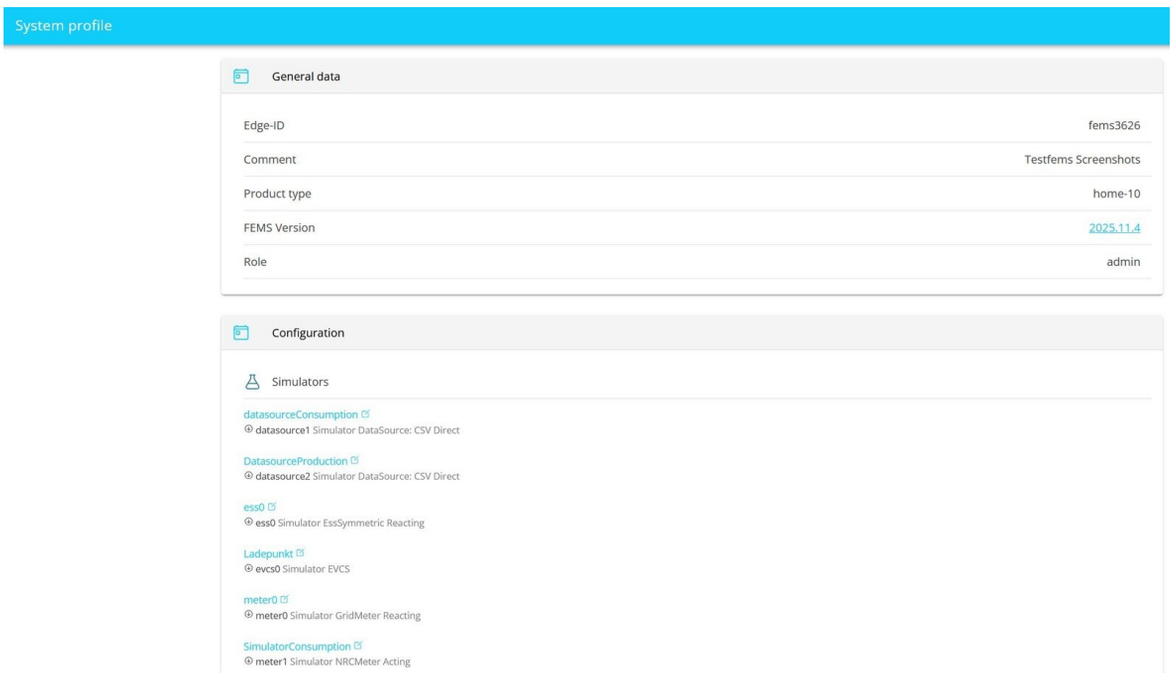


Figure 6. System profile

The *General data* field contains general information on the FEMS:

- Edge ID or FEMS number
- Comment on the system

  This is assigned during commissioning and would be, for example, the name of the customer and/or the location of the system.
- Product type

  Model of the FENECON system
- The version number of the installed FEMS
- The role of the logged-in user

The *Configuration* field shows all installed components of the FEMS, both hardware and software.

The respective channel settings of the components can be viewed via the ↓ symbol.

Figure 7. Modbus/TCP channel settings

For INSTALLERS only:
In this example, you can see the component of the FEMS App Modbus/TCP Read Access, whose channel protocol and channel settings can be downloaded as a CSV table.
You will also be redirected from here via a button to the associated Modbus/TCP instructions on docs.fenecon.de.

2. Log

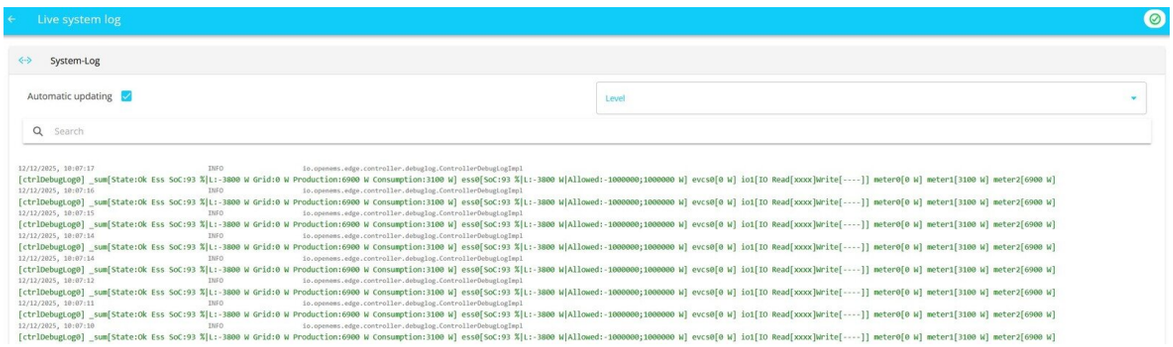


Figure 8. System log

The Log displays a live system log.

3. Network configuration

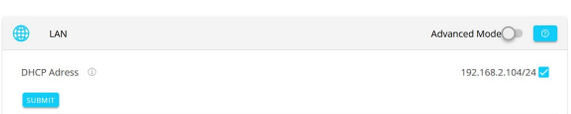
This feature is currently only available to installers.

The network settings of the FEMS — e. g. DHCP, IP addresses, subnet mask, gateway, DNS server — can be configured via the Network configuration.

Please note that incorrect settings can result in the FEMS no longer being accessible in the network.

Standard view

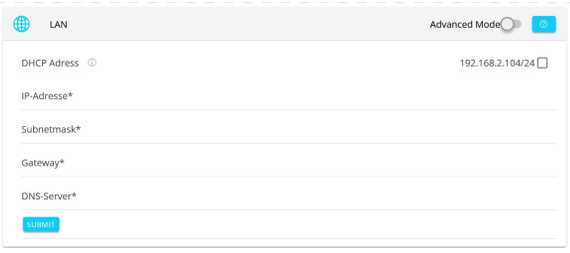
By default, the FEMS is configured as shown here:



DHCP

An IP address is automatically assigned to FEMS by the DHCP server. In the home network, the DHCP server is very often the internet router installed, e. g. a FritzBox. This setting is activated by default.

DHCP mode can be deactivated via the checkbox for DHCP address ☑.
In this case, the settings must be made manually:



IP address

A free, static IP address (not yet assigned in the subnet) in IPv4 format (e. g. 192.168.0.50).

Subnet mask

Subnet mask (e. g. 255.255.255.0).

Gateway

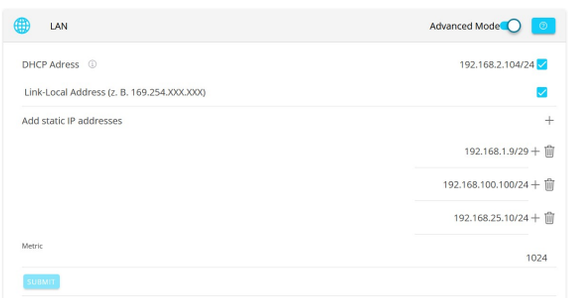
IP address of the internet gateway, default: IP address of the router (e. g. 192.168.0.1).

DNS server

IP address of the DNS server, default: IP address of the router (e. g. 192.168.0.1).

Expanded view

The extended view can be activated using the slider.
In addition to the DHCP or manual configuration, further settings can be made here:



Link-Local Address

This gives the FEMS a so-called link-local address in the network in the form 169.254.xxx.xxx. More information on this can be found at Wikipedia 𝕎

Adding static IP addresses

Static IP addresses can be created here via which the FEMS can always be reached.

To apply the configuration, click on *SUBMIT*.

4. FEMS App Center

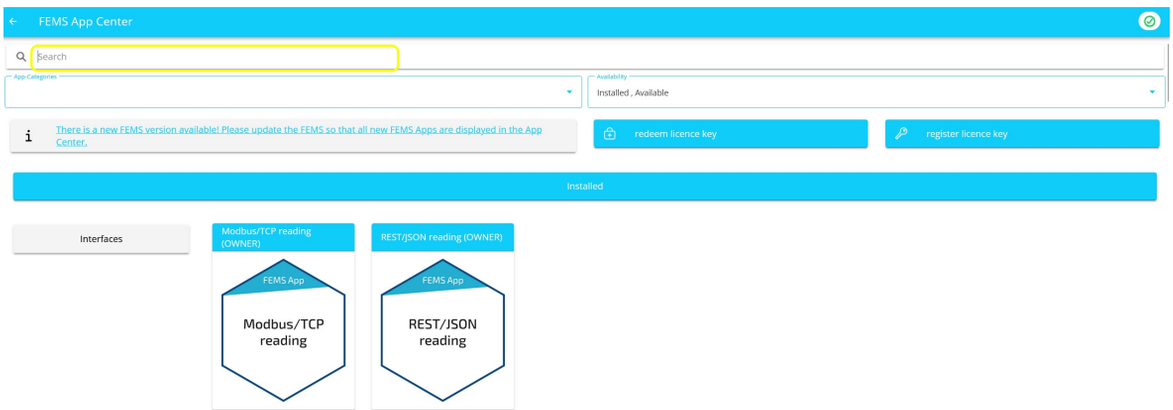


Figure 9. FEMS App Center

In the FEMS App Center, you install additional FEMS apps to extend the system's range of functions.

You can find more information, including how to redeem a licence key, in our Documentation on the FEMS App Center.

5. FEMS System

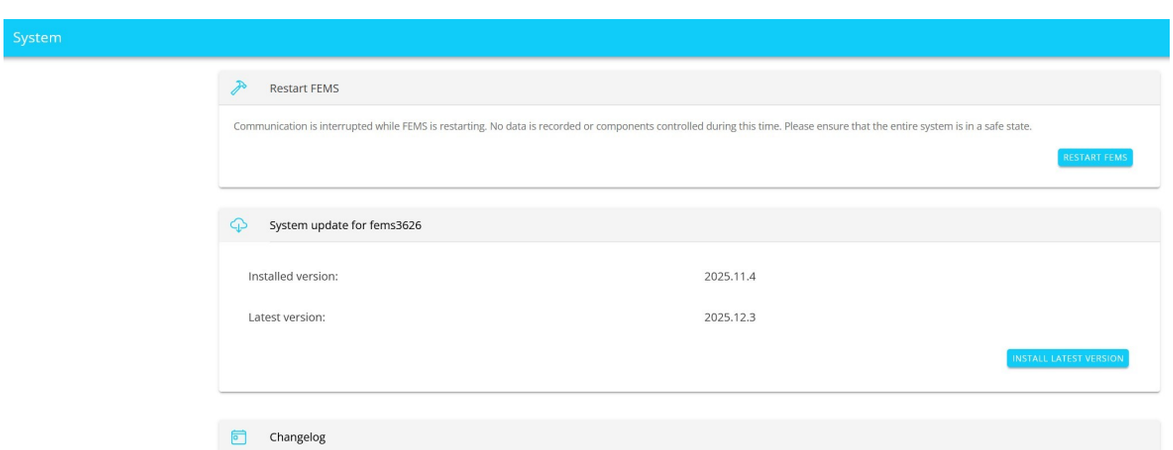


Figure 10. FEMS System

Under these settings you can restart the FEMS and perform an FEMS update.

You can find out about the new features of the FEMS versions already released in the changelog below.

6. Alerting

This is an alerting service that notifies you by e-mail as soon as the FEMS has been offline for a certain period of time, i. e. there is no connection to the FENECON backend server. The e-mail address used is the one specified during commissioning.

Different user roles can use different settings.

- OWNER and INSTALLER can be notified when the FEMS is offline.
- INSTALLERS can also be notified if an error occurs in the system.

The function is activated by setting the toggle and ticking the "E-mail" box. Clicking the toggle again deactivates the function:

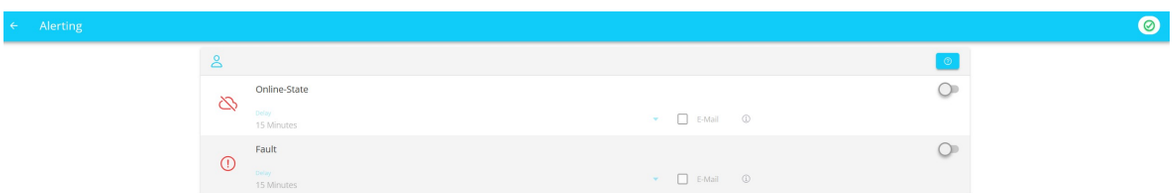


Figure 11. Settings — Alerting

Tap/click on the blue arrow to go to the detailed view. Here you can change the Alerting settings.

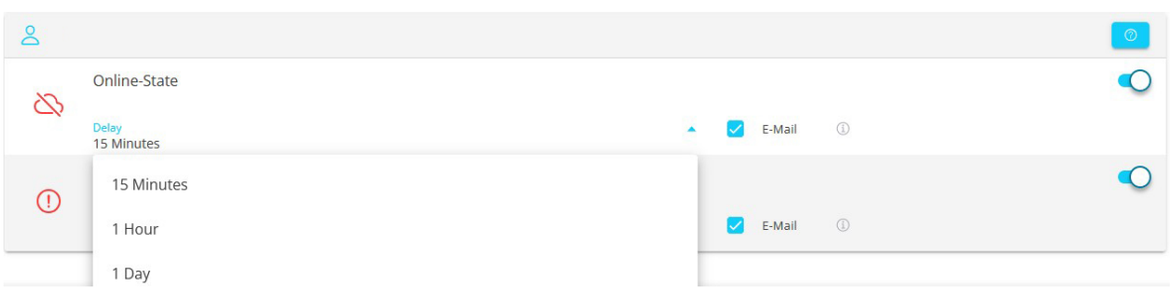


Figure 12. Alerting — Detailed view

If the function is activated, the duration of the delay can be selected accordingly. This is the time interval that must elapse before you are Alerting.

Example: The "15 minutes" option ensures that if the FEMS does not send any data to the backend server within a period of 15 minutes, a notification is sent by e-mail. If the "1 hour" option is selected, a notification is only sent after one hour.

Confirm the entries by tapping/clicking on *SAVE*.

E-mail in the event of an error

The e-mail Alerting in the event of an error contains a link to FENECON Online Monitoring.

You can initiate further troubleshooting steps from there.

E-mail when the FEMS is offline

The e-mail notification when FEMS is offline also contains troubleshooting instructions:

1. Checking the online status in the FENECON Online Monitoring
2. Checking the power supply
3. Restarting the FEMS
4. Checking the internet connection
5. Checking the firewall settings
6. Contacting the FENECON Service

7. Energy Journey

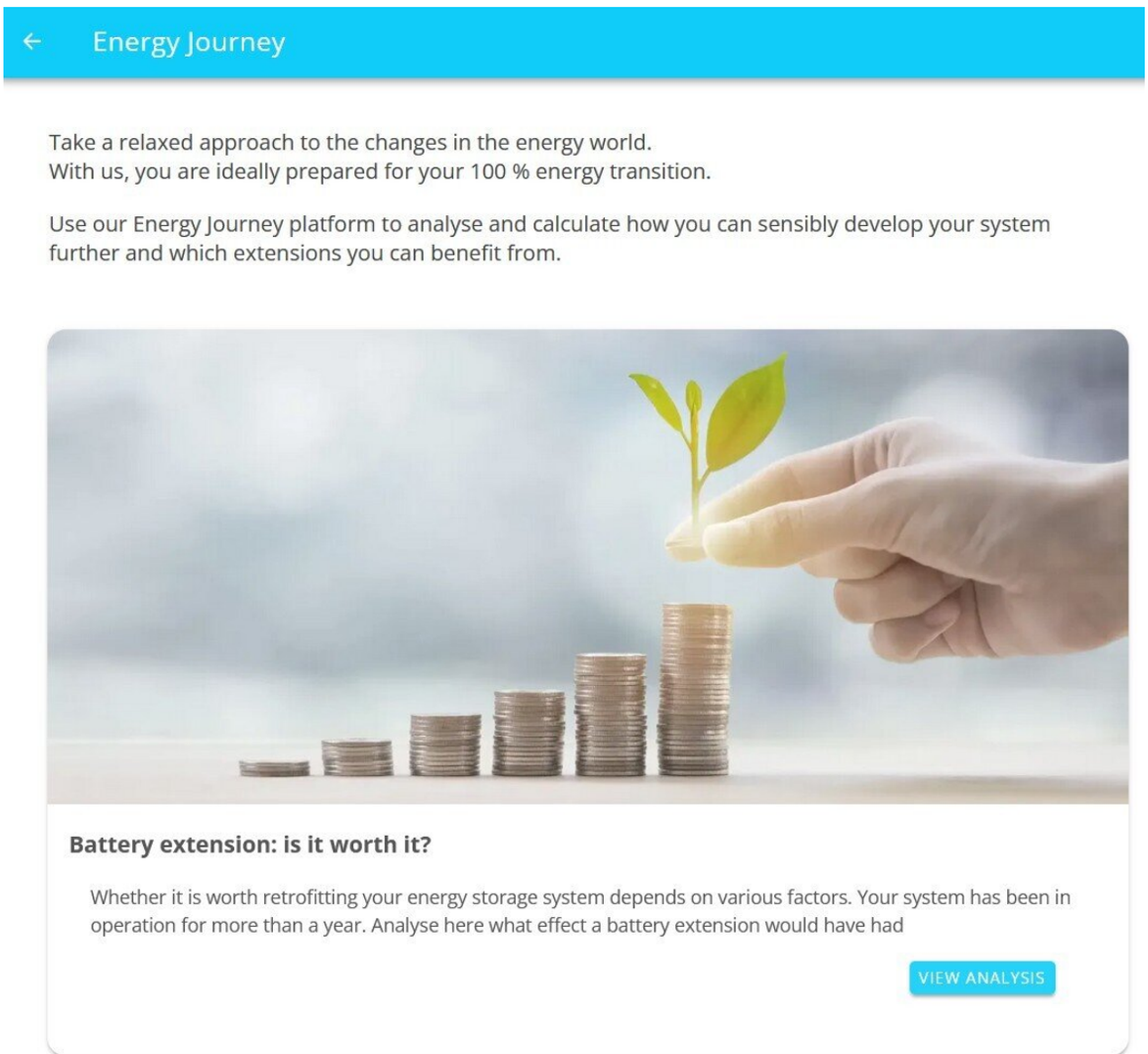


Figure 13. Energy Journey — Start

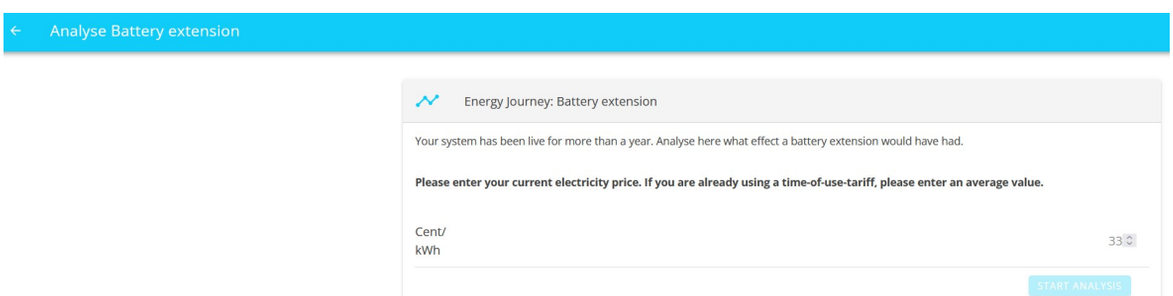


Figure 14. Energy Journey — Analysis

Enter your current electricity price or, in the case of a time-of-use tariff, the average value. Then click on *START ANALYSIS*.

On the next page you will see an overview of your system for the past year.

You will also receive a table with **potential annual savings** should you consider a battery upgrade.

Figure 15. Energy Journey — Battery extension