

Design Statement

REVOLUTIONISE THE CHARGING STATION FOR ELECTRIC VEHICLES

These prefabricated units provide a sustainable lounge for drivers of electric cars, where waiting time becomes quality time.

The whole concept of the lounge is conceived from the user's point of view.

What do they really need during electric car charging? Of course, sanitary facilities are available in the lounge and a comfortable lounge area invites you to stay. The dispensing of the various products, such as food and drinks, is fully automated.

These lounges are also climate-friendly.

The locations are equipped with solar system on the roof, which supplies a large part of the electrical demand. Build in solid wood construction from certified spruce wood.

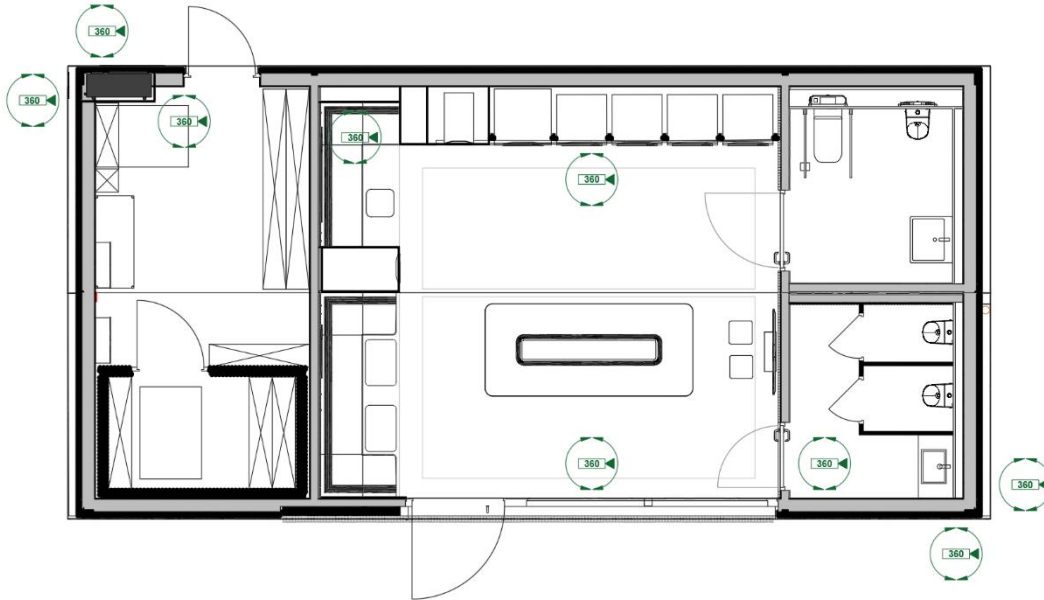
In addition, an ecological insulation material with very high thermal performance is used. The efficient building envelope minimizes heat loss and the ventilation has a highly efficient heat recovery system and energy-saving fans. Heat is generated by an air heat pump winning the European Green Award in 2023.

The lounges are currently located at various fast-charging sites across Europe. Electric vehicles of all brands with a CCS connection can be charged there with up to 250 kWh.



SECURITY

The lounge will be provided with 360 degree CCTV provision both internally & externally. This CCTV system will be monitored and maintained directly by the lounge supplier. There will also be an integrated intercom system with the cameras internally.



While the units are manufactured off site, the doors and windows will be manufactured and installed on site by a certified Secure by Design company. Access to the lounge will be for charging customers only. On arrival to the site a code will be sent to the customers charging app either on their phone or in their car. This will grant access to the customer only.

The site will be arranged in such a way as to restrict access to the rear of the unit where possible, with fencing and locked gate only allowing staff to access restricted areas of the site. All fencing will be a anti-climb A1 fencing.

To avoid potential conflict the sites will also be provided 'Parking Eye' security solutions, with maximum stay penalties and appropriate signage to deter users parking in the bays without needing to charge.

MANAGEMENT

Each site will have a management strategy provided by the facilities and management team. This will typically include a member of staff attending the site twice a day for cleaning purposes, spending an estimated 4 hours a day on site. There will also be a facilities staff member attending the site monthly to monitor the site including general visits for restocking of the unit. The management strategy is flexible and can be adjusted to the needs of the individual site.

The supplies facilities team have been providing facilities maintenance for over 20 years including the UK which is why they are able to manage all technical maintenance, emergency call out, site supervision and any other issues which may arise with a particular site.

As well as daily site supervision, emergency phone numbers and contact support information will be displayed around the site.