this Webinar is Sigenergy

25 September 2023 9:00 am – 10:00 am | Morocco 10:00 am – 11:00 am | CEST, Berlin 6:00 pm - 7:00 pm | AEST, Sydney



Emiliano Bellini News Director pv magazine



Prospects of bringing together PV, storage and EV charging



Roy Zhang Head of Solution Sales Sigenergy



Luc Demeyere CEO Earth

pv magazine Webinars

Welcome!

Do you have any questions? ?
Send them in via the Q&A tab.
We aim to answer as many as we can today!
You can also let us know of any tech problems there.

We are recording this webinar today. \bigcirc We'll let you know by email where to find it and the slide deck, so you can re-watch it at your convenience. \bigcirc SIGENERGY X pv magazine Webinar

Prospects of bringing together PV, storage and EV charging

Presenter: Roy Zhang

Mr. And States

New Trends of Home ESS

is on the way





SigenStor

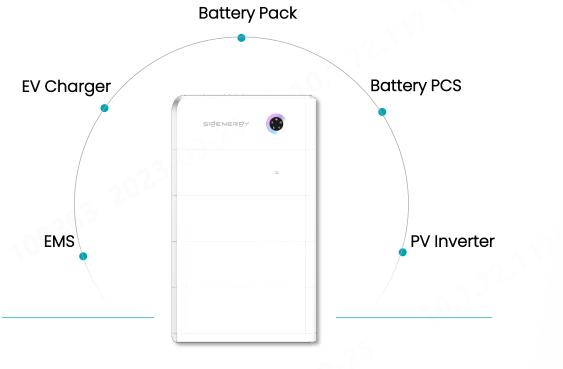
A new way of producing, storing, charging and using home energy

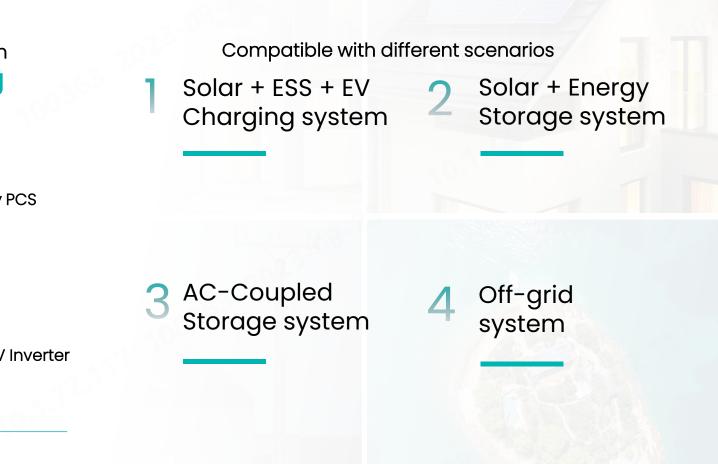
Harmonious Blend with surroundings

5-in-One

Simple Design, Powerful Function

Highly integrated energy system with Solar + ESS + EV Charging





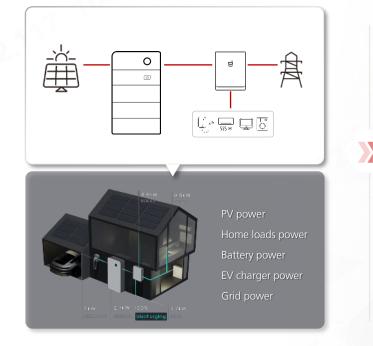
Simple & Fast Installation

Do more business with less time per install, leave simplicity for installers

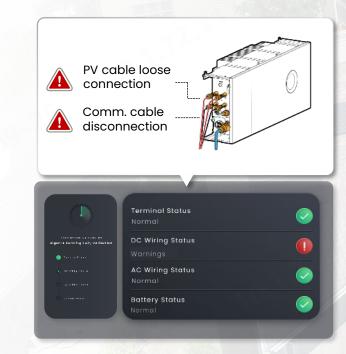
Quick connectors



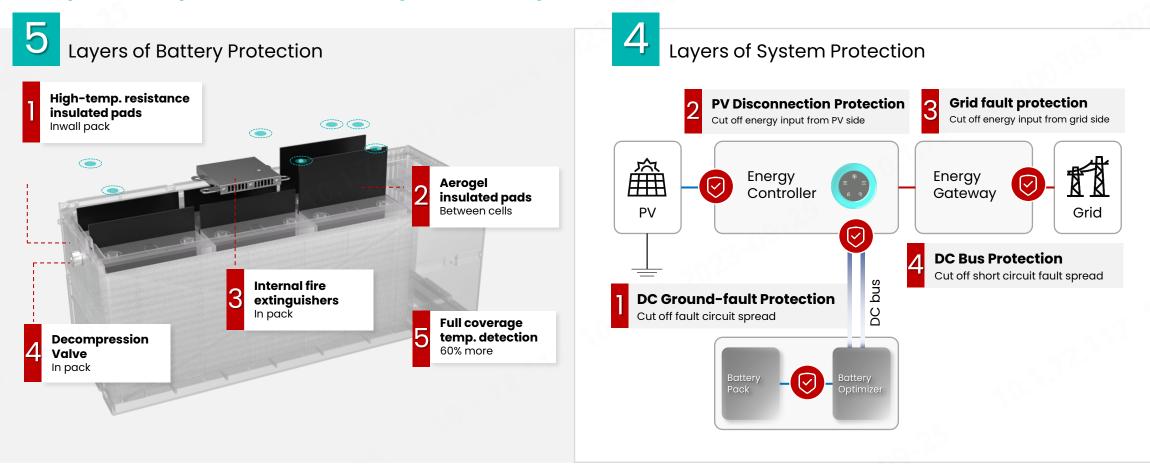




One-click diagnosis Free from rectification



All-round Safety Protection Comprehensive protection, from battery cell level to system level



Reliable battery cell use

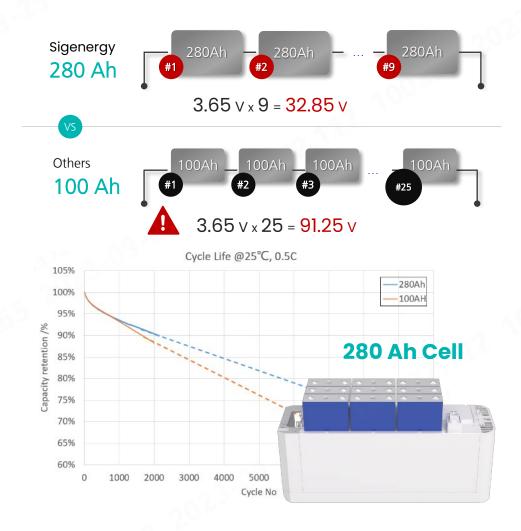
More reliable ESS designed with 280 Ah battery cells

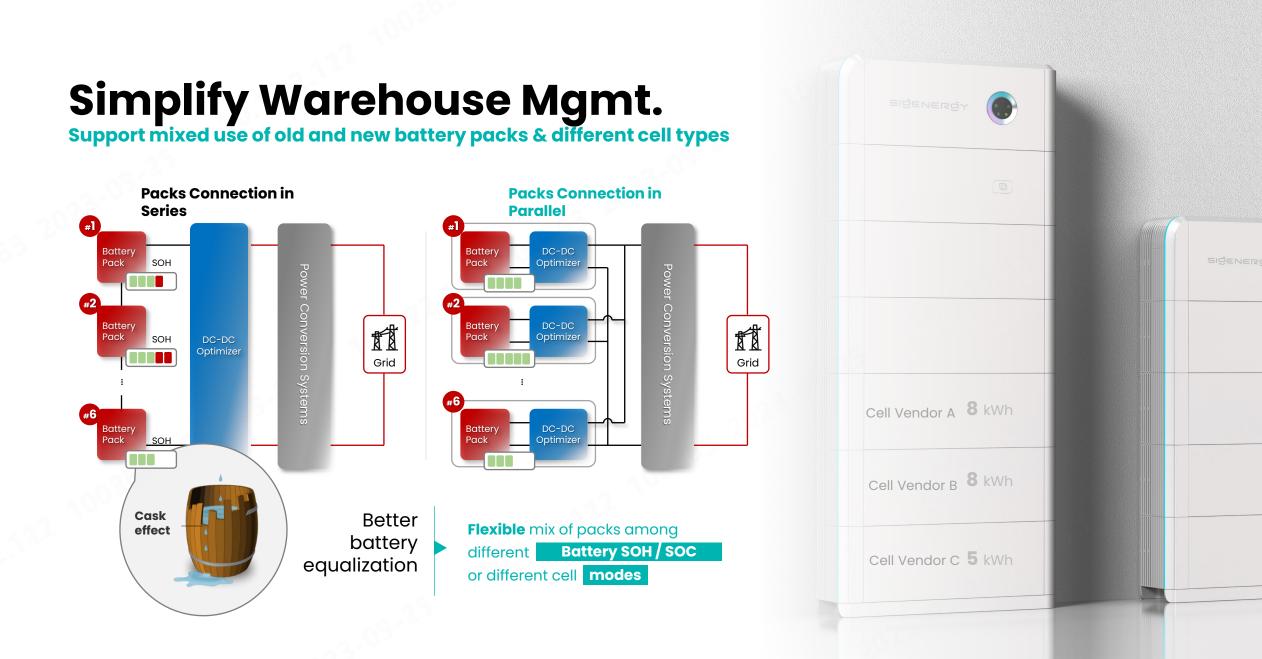
Low voltage, safe to maintain

human safety voltage 32.85 V < 36 V

Longer cycle life Over 7000 cycles by long-term optimization

Higher energy density Energy/weight density, 18% higher (vs. 50 Ah) Safe to maintain 8 kWh Battery Pack as example





Powerful DC Charging

More powerful systems & abundant low-cost energy for electric vehicles



Max 25 kW DC Charging



V2X feature



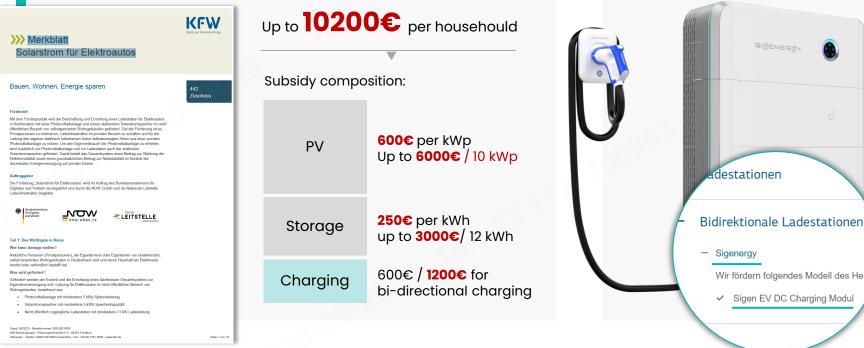
Refer to the realistic consumption per 100km for a compact class EV, data sourced by P3 Charging Index Report 2022
 SigenStor EC/AC 25 kW module with SigenStor EVDC Charging module as an example

One Device for Full KfW Subsidies

Germany KfW funding at a glance



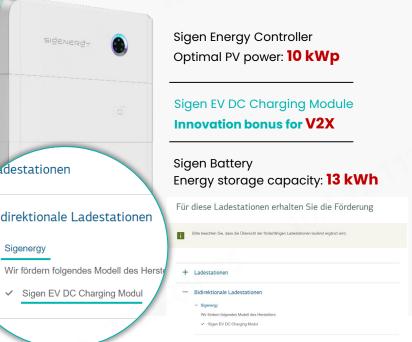
- Application Start date: 26th September, 2023
- Subsidy items: Newly purchased or ordered (not before the application time) energy systems consisting of PV systems, storage systems and Charging station.



Sigenergy, the first vendor listed by KfW supported for Bi-directional charging

Source: https://www.kfw.de/inlandsfoerderung/Privatpersonen/Bestehende-Immobilie/F%C3%B6rderprodukte/Solarstrom-f%C3%BCr-Elektroautos-(442)/?redirect=760514

SigenStor, Optimal portfolio for full subsidy



Robust EV AC Charging

One platform for global standards, 15-min installation



7 kW / 11 kW / 22 kW

SIGENERGY

Worry-free Energy Usage

Auto switch to backup power in 0 ms



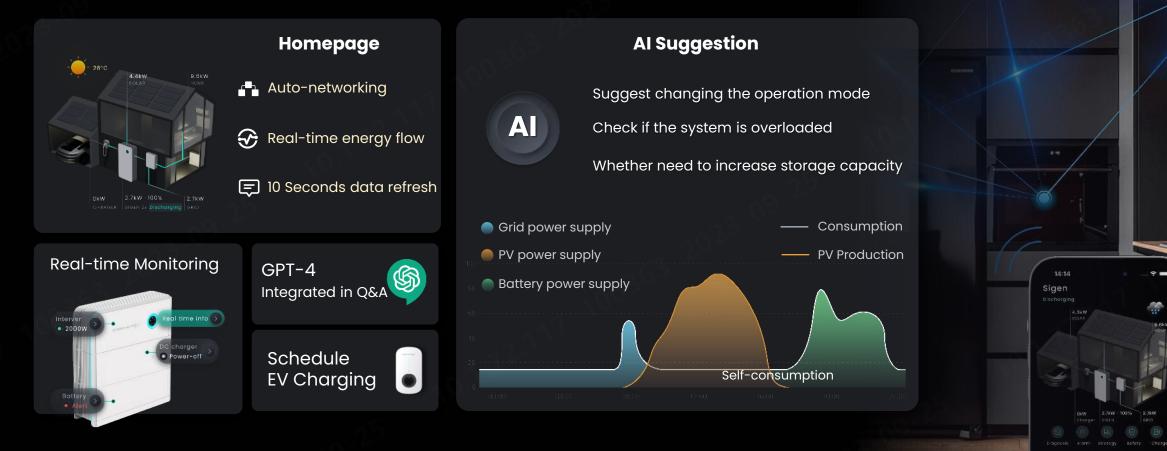
Fast switching time



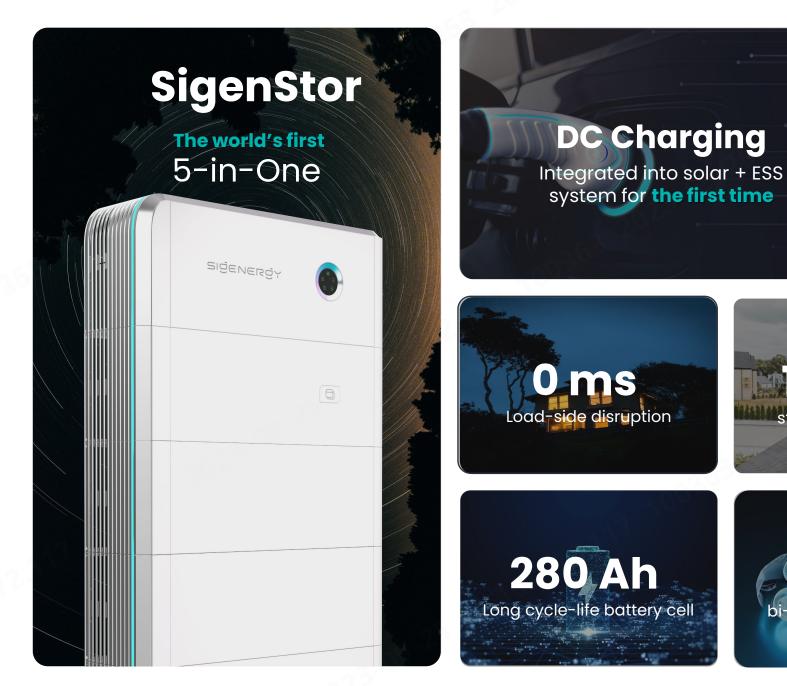
Hierarchical load management

mySigen App

Advanced experience of smart home energy management



art Home Devices





15 mins

stackable installation

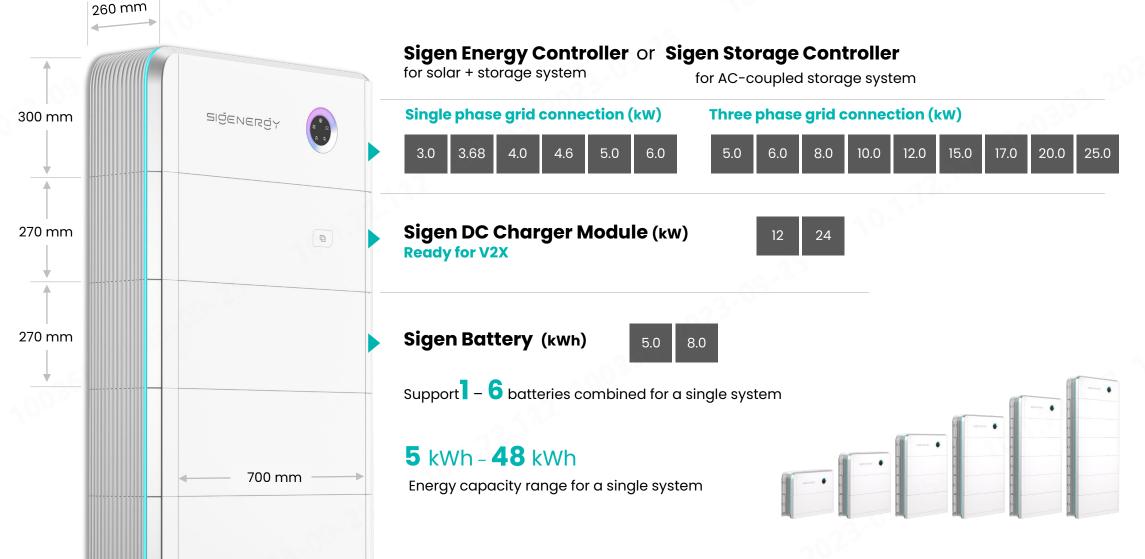
5-layer Battery safety protection

5 mins

fast commissioning

Sigen Al The world's first GPT-4 empowered energy APP





Multi-parallel Connection Supported

Flexible, Suitable, Scalable



* Take SigenStor EC 25.0 + SigenStor BAT 8.0*6 per stack as calculation example



For more information, Contact us!



YouTube



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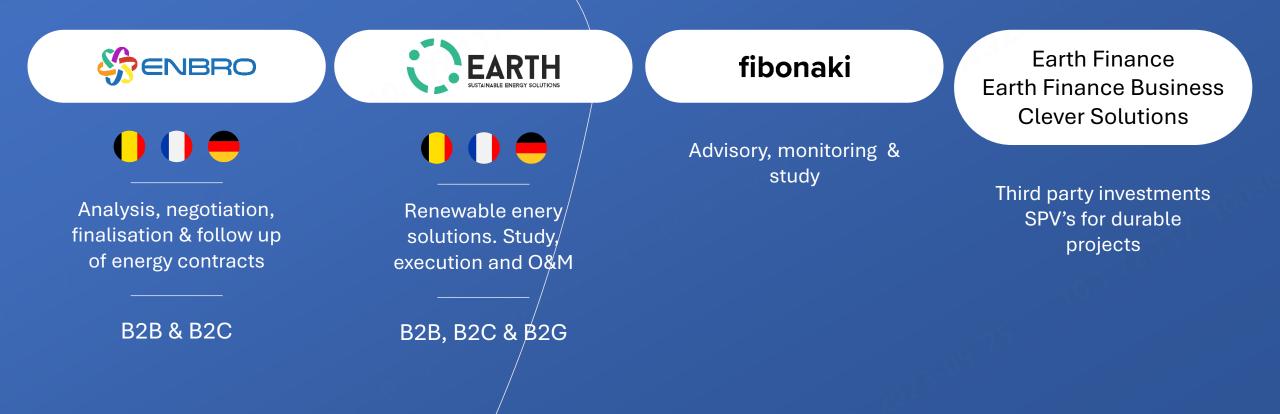
Website



THE BRIGHT ENERGY MOVE



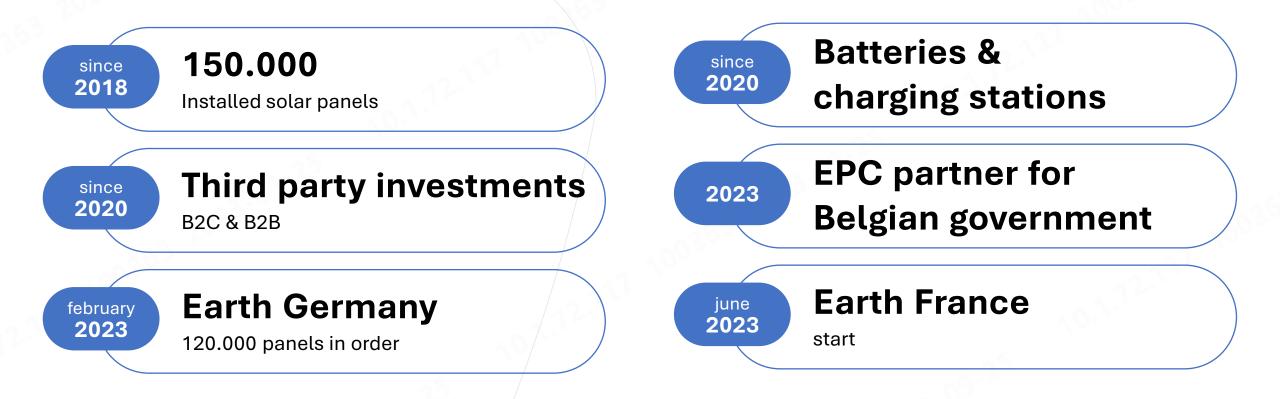
The link between energy and renewable energy





Growth oriented

Only Belgian solar installer for installations from 7 tot 7777 panels. One of the fastest growing EPC companies in Benelux.



Enbro & Earth facts & figures



250.000

Energy contracts

VEB

2023



150.000+

Solar panels installed (± 75 MWp)



€ 100M+

forecast **2023** revenue 2022 = 50M



FTE's since FPIM investment

4.5+

€50M portfolio

VEB framework contract Flemish Govt.

€100M

Expected revenue

From 40 to 100 FTE Belgium only!

2025

2023

€200M

Expected revenue (with +- 200 FTE)



Why Sigenergy?

The right partner to meet our or ambitions for a sustainable future

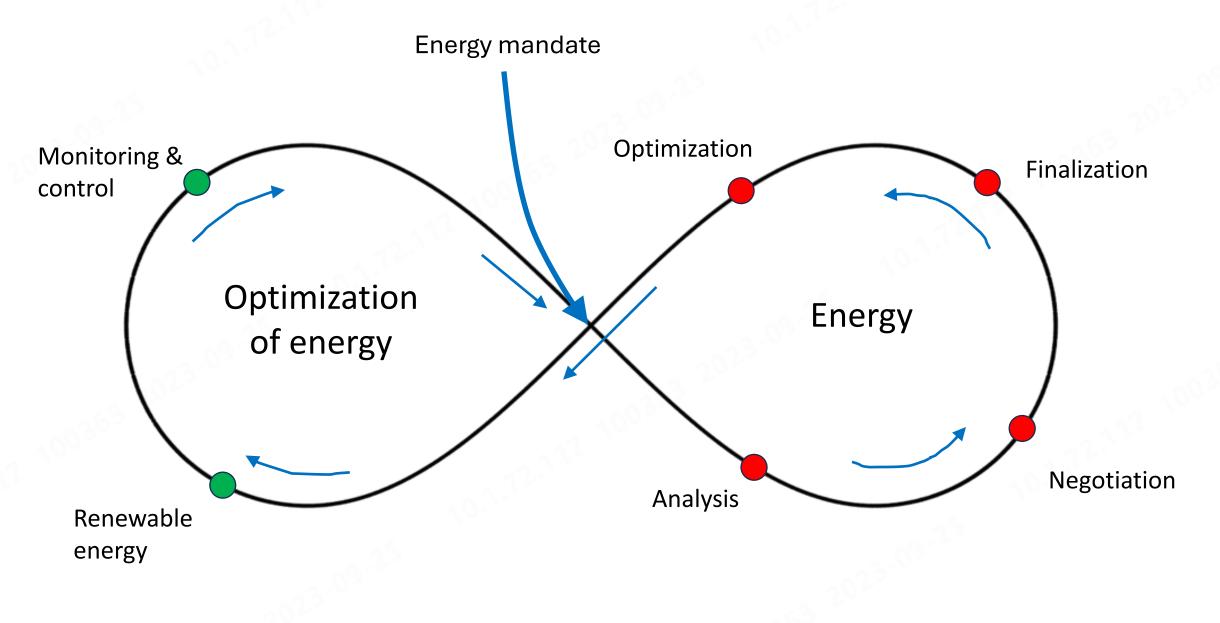


The excellent communication with Sigenergy and the perfect match with our international group goals makes the choice for Sigenergy a no-brainer. The high product standards and our mutual ambitions will be the basis for a succesful long-term partnership.



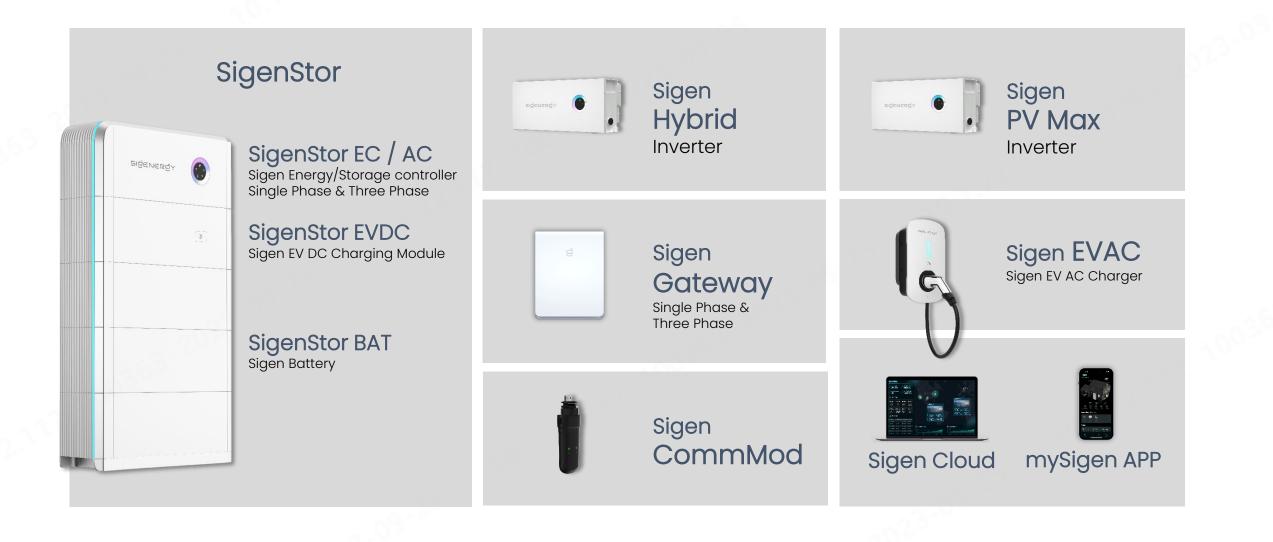
Business Case

Energy Loop: our way of working



Starting point of every business case (B2C or B2B) is the local energy situation: optimization of cost, usage, profile through contract improvement (Enbro) and renewable solutions (Earth)

Product Family: crucial element in proposal



Sigenergy is and will be a crucial element in every renewable proposal, not only thanks to all great product features but certainly thanks to the possibility of directing energy flows.

In the ongoing energy transition every consumer becomes an active stakeholder in the energy market

All hardware has to be able to fulfill a dual role

Optimizing the individual situation

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Optimizing the grid stability

Optimizing the individual situation



Battery pack

Back-up solutions

Grid consumption The SIGEN gateway enables a performant communication between assets to optimize ROI

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EV charger



Optimizing grid stability



There is a great revenue possibility in support of grid stability. Renewables are an enormous grid challenge and intermittency will have to be tackled.

It is the unique position of Enbro, Earth and Sigenergy as a partner, to be able to fill in this dual 'role'. Valorizing state-of-the-art hardware through an internal and external income flow is the USP of the **Enbro/Earth group.**



Thank you for your attention

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Q&A



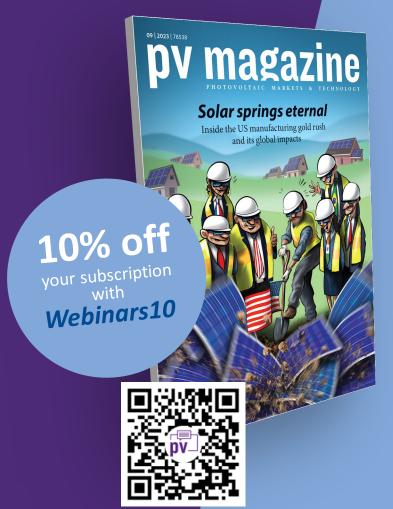
Roy Zhang Head of Solution Sales Sigenergy



Mostread

online!

The latest news | print & online



Johnson Controls-Hitachi Air Conditioning unveils residential dual fuel heat pump system

by Emiliano Bellini

How long do residential solar inverters last?

by Ryan Kennedy





Coming up next...

Tuesday, 26 September 2023 8:00 am – 9:00 am PDT, Los Angeles 5:00 pm - 6:00 pm CEST, Berlin **Wednesday, 4 October 2023** 11:00 am – 12:00 pm CEST, Berlin 2:30 pm – 3:30 pm IST, Delhi Many more to come!

Variables to consider in solar module procurement Unlocking the power of advanced analytics: maximizing value in multi-GW utilityscale solar portfolios In the next weeks, we will continuously add further webinars with innovative partners and the latest topics.

Check out our pv magazine Webinar program at:

www.pv-magazine.com/webinars

Registration, downloads & recordings are also be found there.



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Thank you for joining today!

