

LANDBELL GROUP PRESENTS 2022 AWARD WINNER VOLTfang



Startup Idea

Voltfang developed a sustainable electricity storage system that uses only second life batteries from electric cars to store excess energy from solar panels and provide clean energy to companies.

The Problem with batteries

There are no efficient recycling options for the remaining capacity of vehicle batteries, which is often still around 80 %. The batteries often end up being incinerated.

A Second Life

By transforming the already existing energy storages, Voltfang offers an environmentally friendly, affordable and long-term solution for electricity storage.

Great Potential

According to the EU, the number of electric cars will increase to 30 million by 2030 and with it the amount of waste batteries. At the same time, households and companies increasingly aspire to become self-sufficient regarding their energy supply.

Benefits

- Storage saves resources
- Reduces carbon footprint
- Reduces energy costs
- Fast and easy to integrate
- Scalable and adaptable
- The investment costs for used batteries are 30 % below the average price for new batteries, while their predicted lifetimes are equal.

Success Story

Voltfang was founded in 2020 by 3 students at Aachen University and is currently in the pilot phase. They recently equipped a store of the huge and prestigious retail chain ALDI Nord with their energy storage system. The startup's plan is to go into series production in 2023. Since its foundation in 2020, Voltfang grew its number of employees to more than 20, established more than 10 partnerships and saved more than 600 battery modules. With their prize money they want to commercialize their product to extend their impact.

Product



Further Information

www.green-alley-award.com
www.landbellgroup.com