



Empowering the  
energy **revolution in SMEs** with  
2<sup>nd</sup>-Life EV-batteries.



 Voltfang



The

# Energy transition

requires until 2040 **10.000.000 MWh**  
stationary storage systems

We requalify EV batteries after their 1<sup>st</sup> life and make renewable energy accessible at any time



Electric vehicle  
1<sup>st</sup> life

<sup>1</sup>Purchase



Battery pack  
(end of 1<sup>st</sup> life)

<sup>2</sup>Requalify



solution



Voltfang Industrial  
2<sup>nd</sup> life storage system

**USP:**



**No additional resources**  
required for the batteries



**Same lifetime** due to the  
Double-Pack-Approach



Lower investment costs due  
to **lower battery prices**

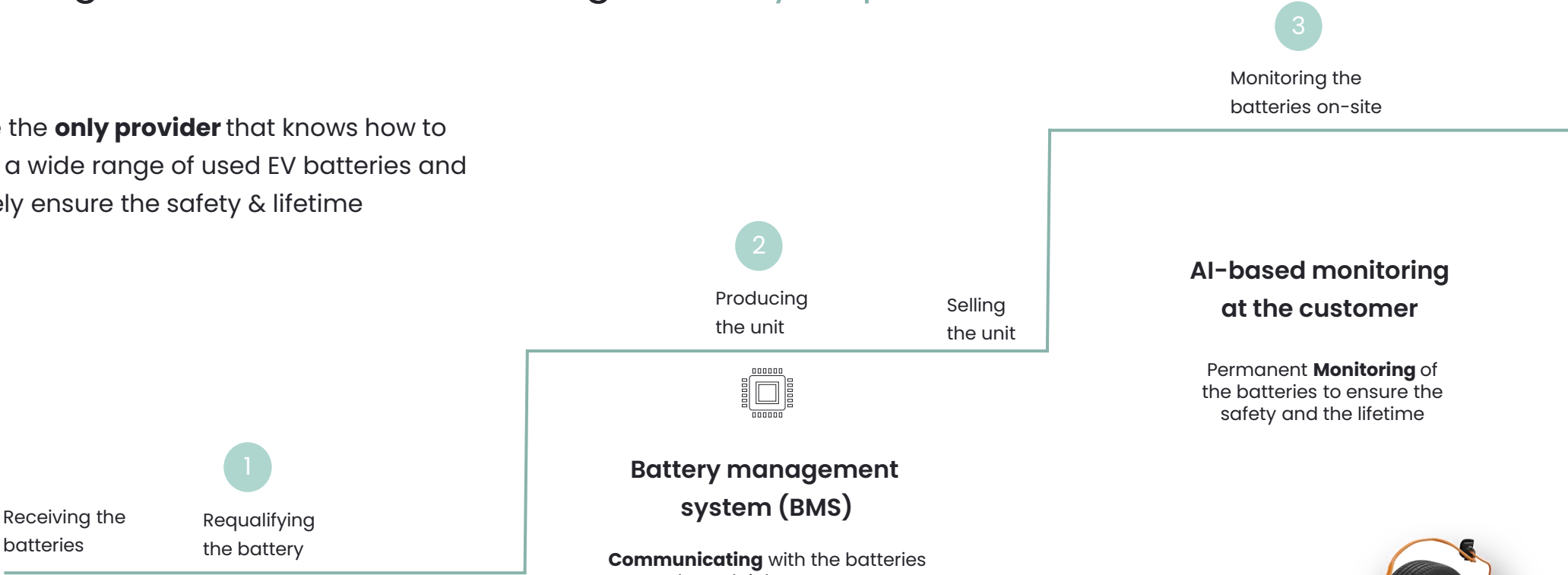
<sup>1</sup>**Purchase** EV batteries at 1/5 of new battery price

<sup>2</sup>**Requalify** batteries with our own developed testing system

# Unlocking the 2<sup>nd</sup> life market through Battery requalification

We are the **only provider** that knows how to qualify a wide range of used EV batteries and remotely ensure the safety & lifetime

Value chain



**Disruptive patentable testing system**

**Testing** the batteries to determine their condition

2

Producing the unit

Selling the unit



**Battery management system (BMS)**

**Communicating** with the batteries through inhouse BMS

3

Monitoring the batteries on-site

**AI-based monitoring at the customer**

Permanent **Monitoring** of the batteries to ensure the safety and the lifetime



Our current customers already include several key accounts which are supplied by Voltfang



### Schaltbau

Capacity 300 kWh  
Shaping the future of efficient manufacturing.



### Kerschgens

Capacity 1,3 MWh  
Shaving Peaks to smoothen the grid.



### ALDI North

Capacity 33 kWh  
Use the electricity in the evening to power cooling units.



### McDonald's

Capacity 33 kWh  
Making burgers more sustainable through renewable usage.

„We were immediately enthusiastic about the idea and Voltfang's business model. Together, we have spent the past weeks and months exploring the potential applications in our stores.“

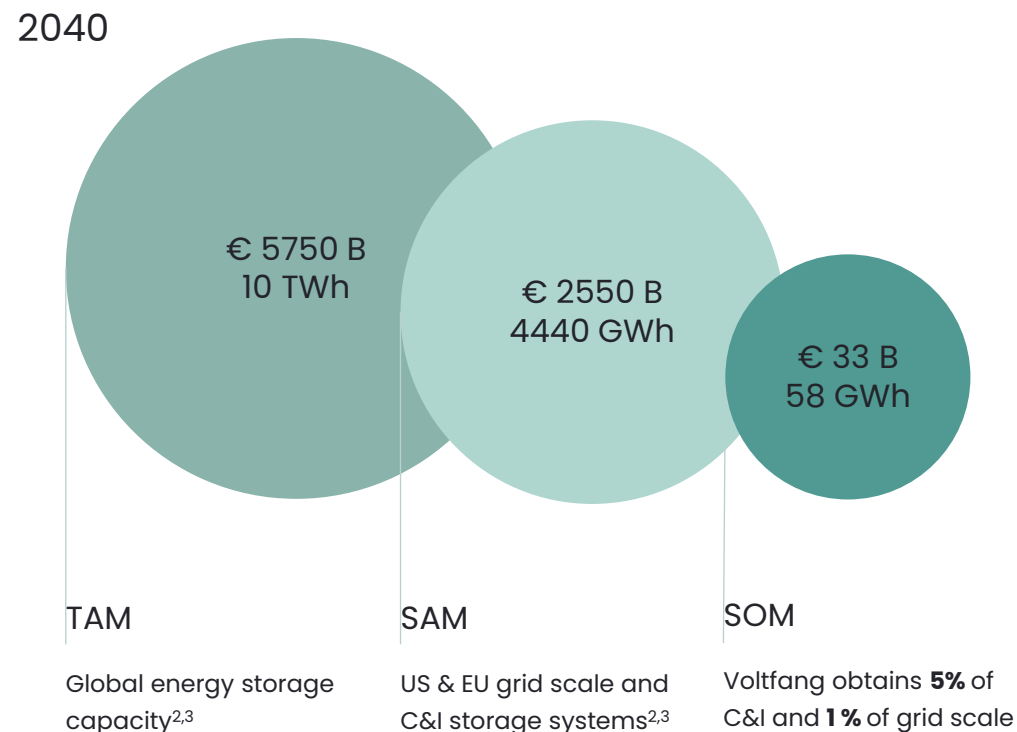
- Normen Bell ALDI Nord, Manager Energy & Refrigeration Services

Energy prices, legislation and the sustainability trend turn storage systems to a **necessity for C&I** and promise an exciting future

**30** % Growth Rate

Projected Compound Annual Growth Rate (CAAGR) until 2030

Just imagine the potential of selling **144 Million Tesla's** just in Germany by 2040



The Seed round allowed us to scale production, reach substantial revenue targets, and lay the groundwork for a **Series A in Q3 of 2024**

	done	done	
	Pre-Seed	Seed+	Series A
<b>When?</b>	Q1 2022	Q1 2023	Q3 2024
<b>How?</b>	Convertible Loan	Priced Round	Priced Round
<b>Goal</b>	Pilot projects, Certification, Product development	Voltfang Industrial series production	European Expansion
<b>Volume</b>	€0.91M	€5.2M closed	€15M
<b>Total investment</b>	Completed	€6.11M	21 M€+

A team that cares about **economical sustainability** and has deep technical expertise to make it happen

Founding Team



Roman Alberti  
M. Sc. RWTH Aachen  
CEO  
Sales  
Dean's list (best 5%)



Afshin Doostdar  
M. Sc. RWTH Aachen  
CTO  
Technical Development  
Dean's list (best 5%)



David Oudsandji  
M. Sc. RWTH Aachen  
CEO  
Finance, HR  
Tedx Speaker

Voltfam.



50+ FTE who have a deep technical background & are highly motivated

Investors





closing

We are

**ready  
to  
scale up**

 Voltfang