VoltR

Company Presentation

2025.10

VoltR Team

Co-founders

Alban Regnier

CFO

Founder of Okamac in 2011
French Tech 120
+150 employees
€45M Revenue

Maxime Bleskine

CEO

Central Engineer
Project Management on Grand Paris
Business dev for SME

François Mallet

COO

Central Engineer
Factory Management
Strategy Consulting at Orphoz (McKinsey)

Thibaud Maufront

CTO

Electrical and electrotechnical engineer
CTO in power electronics

Lithium batteries overview

The necessity to decrease our use of fossil fuels is driving the electrification of uses. Nonetheless, the lithium battery not only carries a substantial carbon footprint, but it is also an underutilized asset as today's market is inefficient

3 billions

lithium batteries in Europe by 2030

94%

of European demand is imported from Asia

135 kg

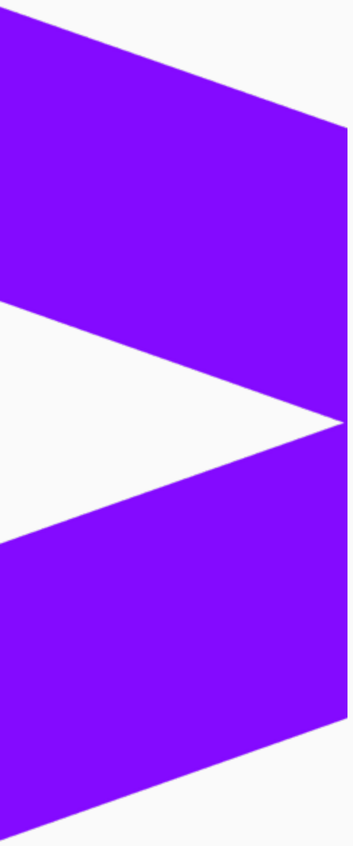
CO_2eq emitted per kWh[1]

80%

represents the typical remaining capacity of a battery when it is sent for recycling

Note: 1 This figure is derived from an internal Life Cycle Assessment (LCA) analysis conducted on comparable scopes

Double the longevity of lithium batteries thanks to a value conservative industrial process



Value destruction

RECYCLING

30%

Black mass

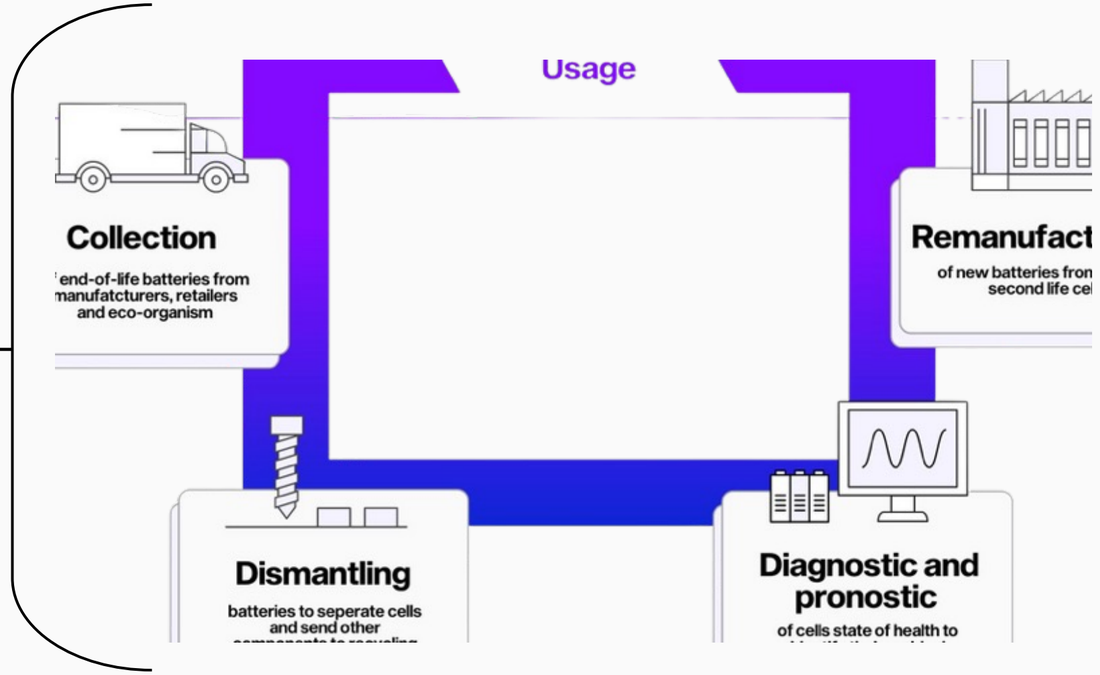
Value conservation

REFURBISHING

70%

New battery

RECYCLING

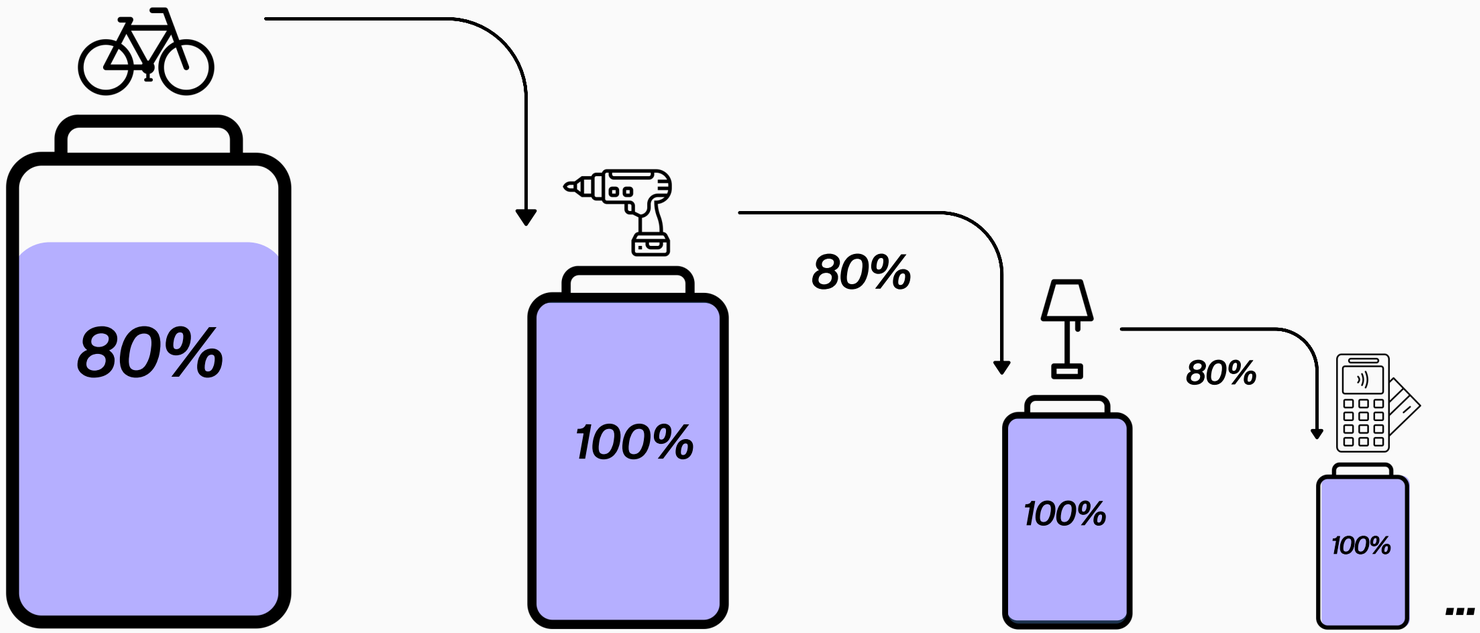


Today, we estimate on the basis of processed flows that 70% of batteries are in good condition to be refurbished and 30% could go to recycling as they are physically damaged or the residual performance is too low

Make high performance batteries with second life cells

The principle of the performance staircase enables the reuse of cells in a new battery matching performances of a battery imported from Asia

Make multiple batteries with just one



Example :

A **bike battery** at 80% residual capacity equals performances of a new **powertool battery** (less needs in autonomy and pure power)

→

A **powertool battery** at 80% residual capacity equals a new **nomad lamp battery** (less needs in autonomy and pure power)

VoltR Lithium Batteries

Remade in Europe and Ecological

85% reduction in CO2e emissions

Manufactured in Europe

Performance equal to or superior to new

Competitive pricing

Certifications IEC 62133 / UN 38.3 and others available upon request

Market segmentation and examples of customers

Lithium batteries market size in 2032 in Europe

E-mobility

Bicycle, scooter, moped...

moma bikes · BMW · La Poste

14 Bn€

Electronic devices

Powertools, home automation, lighting, industrial tools...

Leroy Merlin · famoco · somfy · Scania

28 Bn€

Storage solutions

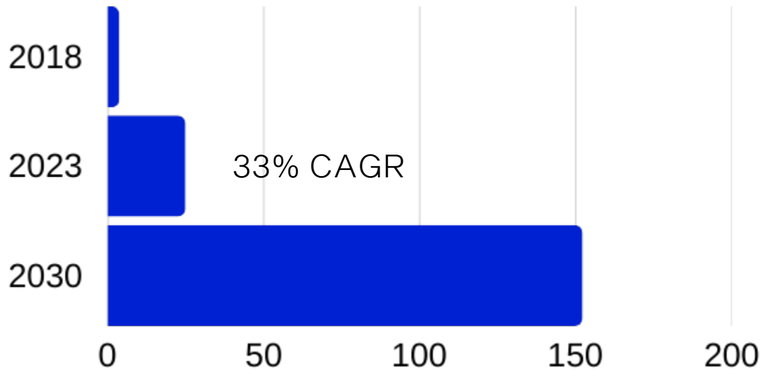
Stationary storage, power bank, portable station...

G-HEAT · Saint-Gobain · LOXAM · clim8

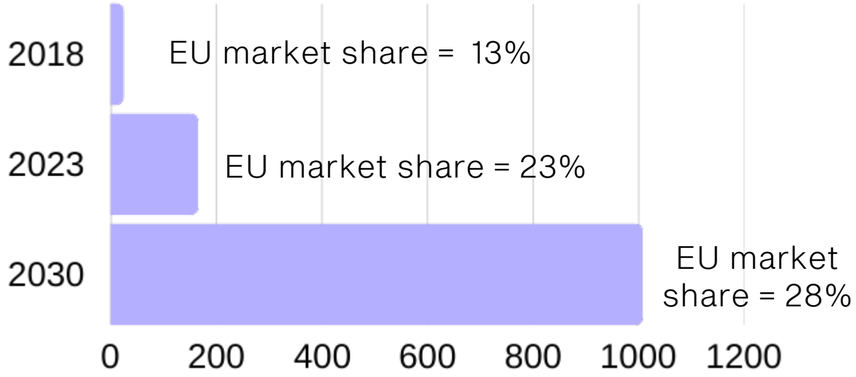
35 Bn€

Establish a market that fulfills an expanding demand

European Market Size (€ Billion)



World Lithium Battery Demand (GWh)



152.2 Bn€
EU market size in 2030

17 Bn€
Investing in France

25-30%
Refurbished battery market

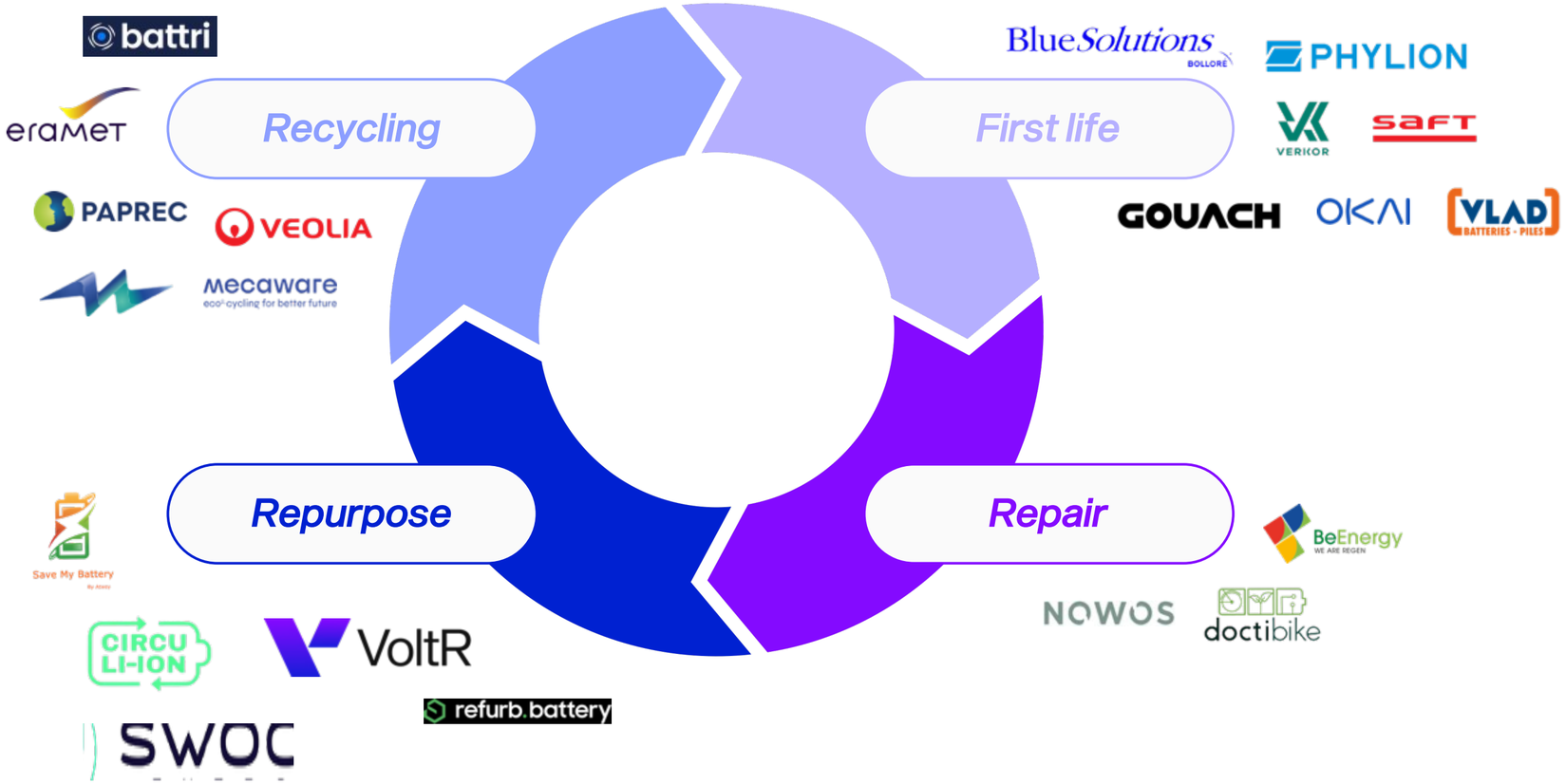
Our customers profil

OEMs
Manufacturers of battery-operated products. Companies that have implemented an eco-design approach and/or are interested in relocating their supplies

Retailers
Retailers seeking to broaden their selection of spare parts with European and more sustainable products

Fleet management
Companies aiming to enhance battery utilization in their fleet and implement an eco-design strategy if they oversee the production of leased products

Diverse and highly specialized competition



1. VoltR

Today the real bottleneck for the company is its production capacity. To maintain this lead on this extremely large and fast-growing market it is necessary to continue investing and scaling up

VoltR's pricing is highly competitive

Samples of VoltR Vs. Asian batterie price (in €/pc)

	Battery type	VoltR	Asia[1]
moma	*E-bikes*	*110.0*	*120.0*
somfy	*Household electronic devices*	*13.5*	*12.2*
G-HEAT	*Cordless power tools*	*11.3*	*12.0*
NOVÉA STERNE	*Industrial electronic devices*	*145.0*	*150.0*
SLAT for safer buildings	*Cell unit*	*14.8*	*14.0*
PETZL	*Battery type*	*1.7*	*1.7*
LEROY MERLIN	*Household electronic devices*	*33.6*	*30.0*
BROSSIER SADERNE	*Cell unit*	*0.9*	*1.0*

Note: 1 - Prices based on competitor quotes

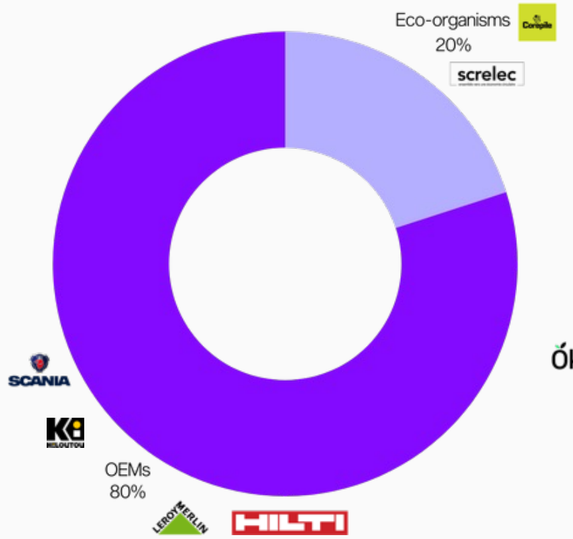
2026 Targeted Roadmap
Collection

Securing batteries supply

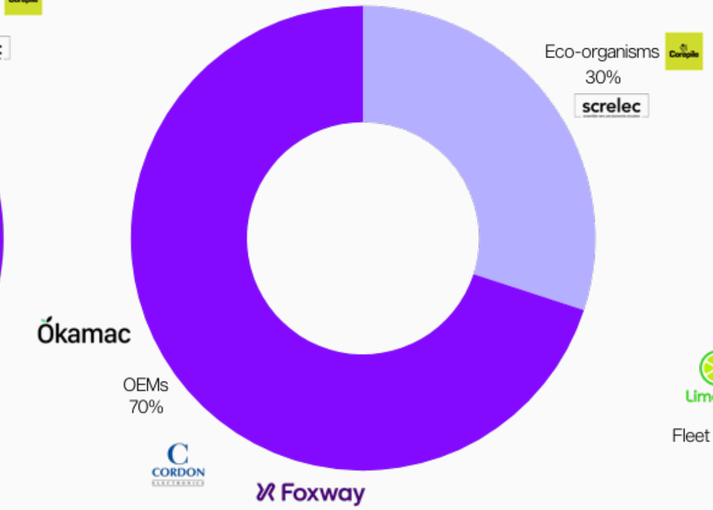
Diversification and long-term partnerships

Means: Long term agreement with eco-organisms, recyclers, and key OEMs

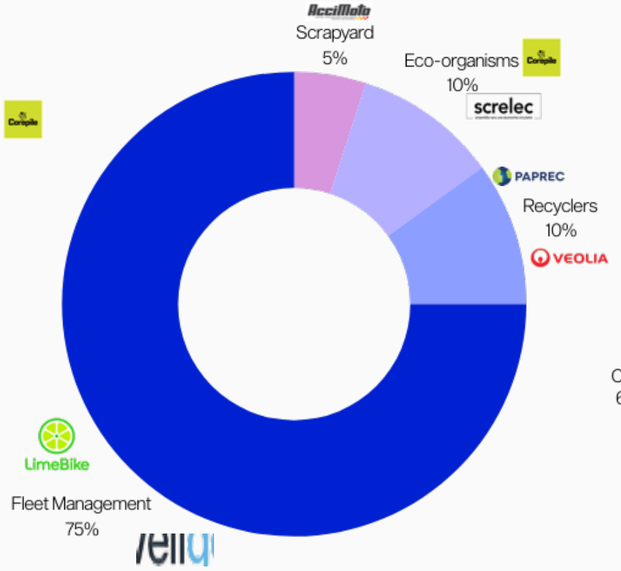
Power Tools



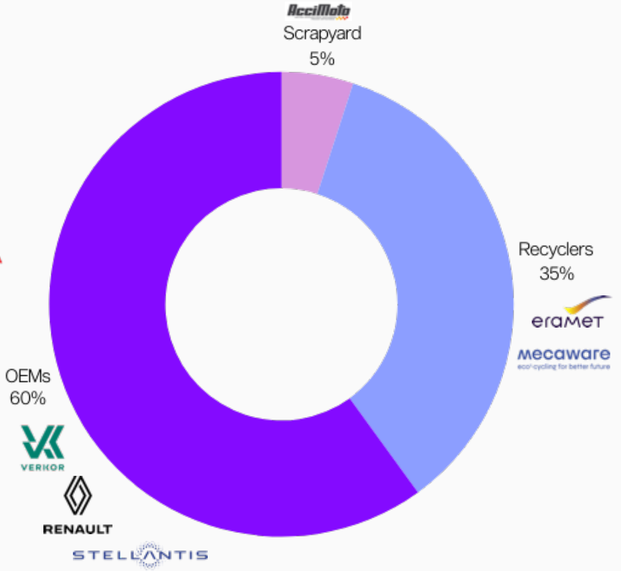
High Tech



Light e-mobilty



EVs



2026 Targeted Roadmap

Automation

Dismantling

Robotization and automated recognition

Means : laser cutting equipment, robotic arm, automatic recognition
Partners : Siemens, Trumpf, Jolt

Characterization & Prediction

Enhanced and refined testing methodologies

Means : ICA/pulse testing, impedance cycling, post-mortem characterization, tomography
Partners : HNEI, CEA, IREENA

Assembly & Quality control

Increasing processing capacity from 100 to 700 cells per person per day / Achieving ISO 9001 and IEC 61960 certifications

Means: laser welding, conveyor, automated assembly solution, customized test benches
Partners: Binder, ABB, Jet Automation, Trumpf, Emitech, Bureau Veritas

VoltR a Deeptech company

- Collection | Database | Ganter
- Dismantlingsation | Automatisation | Circul-ion - Flir
- Storage | WMS & Automatisation | Exotec - Dematic
- Characterization | Algorithms | Neware - CEA
- Prediction | AI | HNEI - IREENA - Telecom Paris
- Association | Algorithms on CDC | Batalyse - Dolizen
- Assembly | Automatisation | Trumpf - Jot - Binder
- Sales | CRM based on AI | Hubspot

Building a second life battery industry in Europe

Consortium

Algoricycle

Dependable and rapid ICU[1] prototype (Ireena, One-Sixone, SATT, etc.)

2025

Battery Pass Consortium

2027

European Consortium for Second Life Industrialization (CEA, University of Munich, etc.)

Joint Venture

Separ8 (Q2 2025) - Confidential information

National Battery Recycling Center

40,000 sqm plant in Hauts de France close to the French lithium battery sector (ACC, Verkor, Orano, Eramet, ProLogium, etc.)

Supported by the Hauts de France region

End of 2026 operational site

Partnerships

Outsourcing of battery pack assembly

Refactory (Renault)
Alpsolut
Pymco
Mob Energy

Cluster

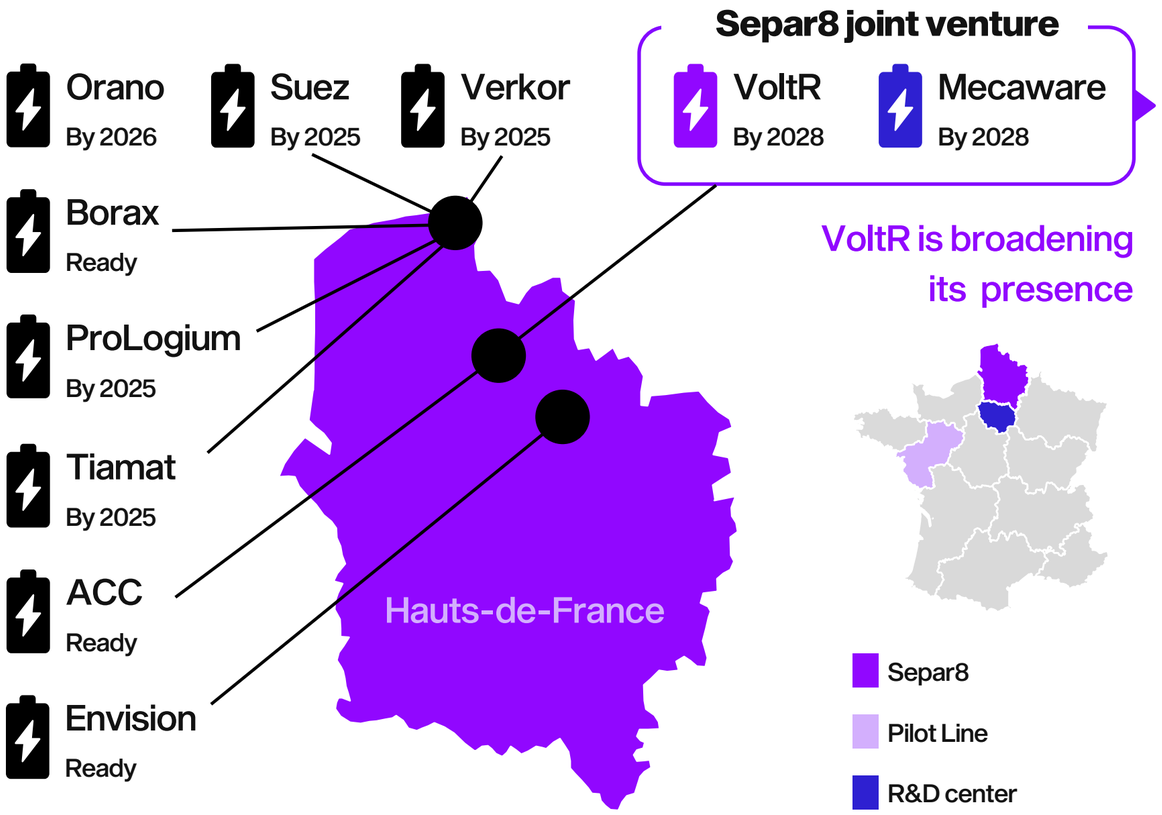
Team 2: focuses on the industrial application of eco-technologies

S2E2: energy management specialist

Note: 1 – ICU : Identification Control Unit

Focus on the Joint Venture Separ8: leveraging the heart of Europe's battery valley

Battery Valley's ecosystem



Joining a 4-hectare site to process up to 60 million cells per year

Combining resources to build a fully integrated circular economy for lithium-ion electric vehicle batteries.

- Location: 626 Av. George Washington, 62400 Béthune
- Capabilities:
  - High-capacity storage for recovered batteries
  - State-of-the-art reconditioning and recycling lines
  - Streamlined logistics for incoming and outgoing battery flows

VoltR already identified as the future of second-life batteries

Le Monde

ÉCONOMIE • INDUSTRIE

En Maine-et-Loire, VoltR se positionne sur le reconditionnement des batteries au lithium

Une quarantaine d'entreprises font déjà appel à la start-up, créée en décembre 2022 à Verrières-en-Anjou.

Par Yves Tréca-Durand (Angers, correspondant)
Publié aujourd'hui à 06h00 · Lecture 2 min.

Article réservé aux abonnés

Alban Regnier a eu un déclic en voyant un stagiaire de sa première société récupérer des batteries de MacBook promises au recyclage. *« Il m'a expliqué qu'il électrifiait sa trottinette avec »*, raconte le jeune président de VoltR, âgé de 32 ans. Le diplômé de l'école supérieure de commerce d'Angers a depuis pris ses distances avec Okamac, qu'il a fondée en 2011, à l'âge de 19 ans.

Aujourd'hui, la société est le leader français du reconditionnement d'ordinateurs Apple, emploie 110 salariés et affiche un chiffre d'affaires de 35 millions d'euros (+ 40 % sur un an). Néanmoins, M. Regnier entend se consacrer au développement de sa dernière entreprise, VoltR, qu'il a lancée avec trois associés, eux aussi trentenaires, en décembre 2022.

Leur ambition est de se positionner sur le créneau du reconditionnement des batteries au lithium, alors que 94 % des batteries utilisées dans l'Hexagone proviennent de l'étranger, et notamment de Chine. Le gâchis actuel est édifiant, les batteries étant généralement changées quand elles affichent encore 80 % de leur capacité résiduelle.

ouest france

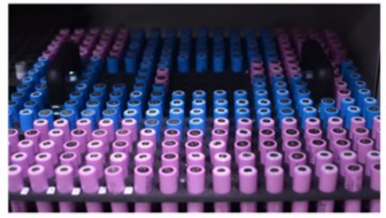
Batteries reconditionnées : pourquoi cette start-up d'Angers est si courtisée par les investisseurs

Un an après sa création, VoltR cherche à lever plusieurs dizaines de millions d'euros pour accélérer le reconditionnement de batteries au lithium. Les investisseurs se bousculent déjà à la porte de cette start-up angevine.

Les Echos

VoltR monte en puissance dans le reconditionnement de batteries

Après avoir levé 4 millions d'euros en 2023 pour son démonstrateur industriel, la start-up d'Angers prévoit un nouveau tour de table en série A à la fin de l'année. VoltR compte ainsi financer la construction de sa première usine de reconditionnement de batteries au lithium, sous deux ans.



Avec sa future usine, VoltR veut reconditionner chaque année 2 millions de cellules de batteries au lithium. (VoltR)

Par Cédric Menuet
Publié le 29 avr. 2024 à 10:36

ACTUALITÉS

VoltR met l'IA au service du reconditionnement de batteries Lithium

La startup angevine qui communique de très fortes ambitions de croissance, a déjà prouvé la viabilité de ses techniques d'évaluation de la santé et de la durée de vie de batteries Lithium à reconditionner. Il s'agit maintenant d'industrialiser son projet. En cela, l'IA sera cruciale, considère son dirigeant.

par Gaëtan Raoul, LeMagIT — Publié le 29 avr. 2024

LeMagIT

Le Journal des Entreprises

ANGERS | # EQUIPEMENTS ELECTRIQUES | # HIGH-TECH

En pleine levée de fonds, VoltR revoit ses ambitions à la hausse sur ses batteries reconditionnées

A politically endorsed project

End of 2021

Project emergence during a discussion with Barbara Pompilli, Minister of Ecological Transition

Mars 2023

Discussion with Pascal Canfin, head of the European Parliament's environmental committee

October 2023

Pilot factory opening day with Minister Christophe Béchu in attendance

May 2024

Visit of Industry Minister Roland Lescure on VoltR stall at Vivatech

Visit of 12 political representatives to the factory to date (European deputies, Senators, Mayors...)

November-December 2024

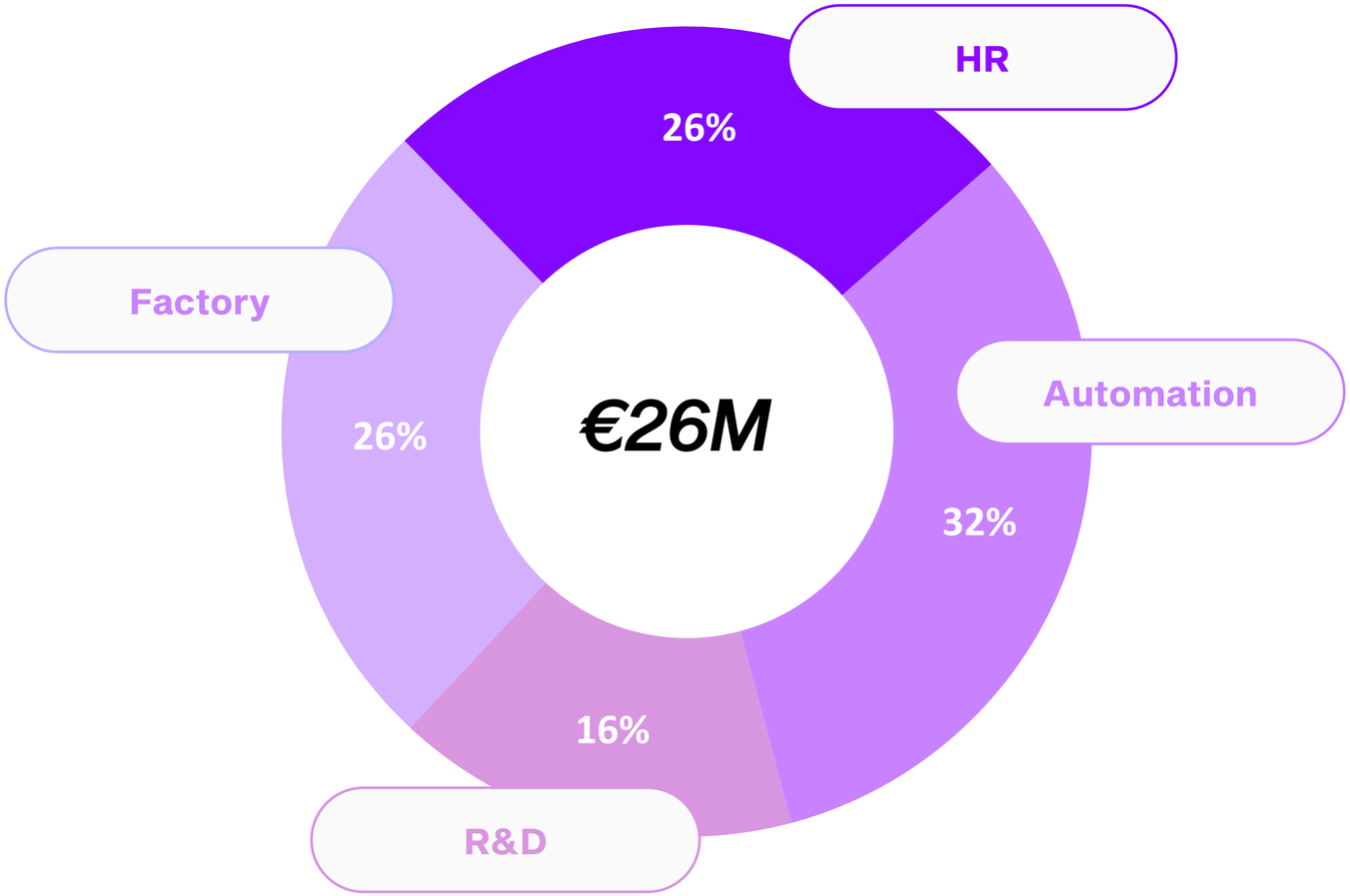
Several meetings with Minister Agnès Pannier-Runacher on circular economy

Business Plan

	2025	2026	2027	2028	2029	2030	2031	2032	2033
Revenue	**605 766 €**	**1 622 158 €**	**4 620 273 €**	**11 263 053 €**	**24 548 937 €**	**38 271 374 €**	**51 302 468 €**	**61 998 699 €**	**65 524 246 €**
Purchases and Production Costs	148 862 €	431 798 €	1 337 125 €	3 250 654 €	7 336 379 €	11 790 226 €	16 361 464 €	20 307 846 €	21 972 140 €
Gross Margin	**456 904 €**	**1 190 359 €**	**3 283 148 €**	**8 012 399 €**	**17 212 558 €**	**26 481 148 €**	**34 941 004 €**	**41 690 853 €**	**43 552 106 €**
	75,4%	73,4%	71,1%	71,1%	70,1%	69,2%	68,1%	67,2%	66,5%
External Expenses	849 456 €	2 803 793 €	2 156 962 €	2 752 479 €	3 966 825 €	4 468 051 €	5 353 986 €	5 905 185 €	5 800 199 €
Value Added	**- 392 552 €**	**- 1 613 434 €**	**1 126 186 €**	**5 259 920 €**	**13 245 734 €**	**22 013 097 €**	**29 587 018 €**	**35 785 669 €**	**37 751 908 €**
	-64,8%	-99,5%	24,4%	46,7%	54,0%	57,5%	57,7%	57,7%	57,6%
Taxes	50 245 €	74 708 €	166 725 €	295 168 €	493 908 €	682 311 €	856 328 €	993 849 €	1 053 184 €
Operating subsidies	230 000 €	2 000 000 €	2 000 000 €	2 500 000 €	2 500 000 €	- €	- €	- €	- €
Personnal Expenses (excluding JEI)	2 532 857 €	3 998 084 €	7 318 313 €	10 039 805 €	12 919 177 €	14 749 186 €	16 678 505 €	18 115 152 €	19 240 011 €
Gross Operating Surplus (GOS)	**- 2 745 654 €**	**- 3 686 226 €**	**- 4 358 853 €**	**- 2 575 052 €**	**2 332 648 €**	**6 581 600 €**	**12 052 185 €**	**16 676 668 €**	**17 458 713 €**
	-453,3%	-227,2%	-94,3%	-22,9%	9,5%	17,2%	23,5%	26,9%	26,6%

Use of funds

€26 million to scale up, automate the process, and keep innovating



€16m
equity

+

€6m
debt

+

€4m
subsidies