

starcopter



# Aerial ROI: Europe's First Industrial Pay-Per-Use Drone!

for Surveying & Inspection at the highest quality

# The lowest battery costs per flight hour

97% less than the competition

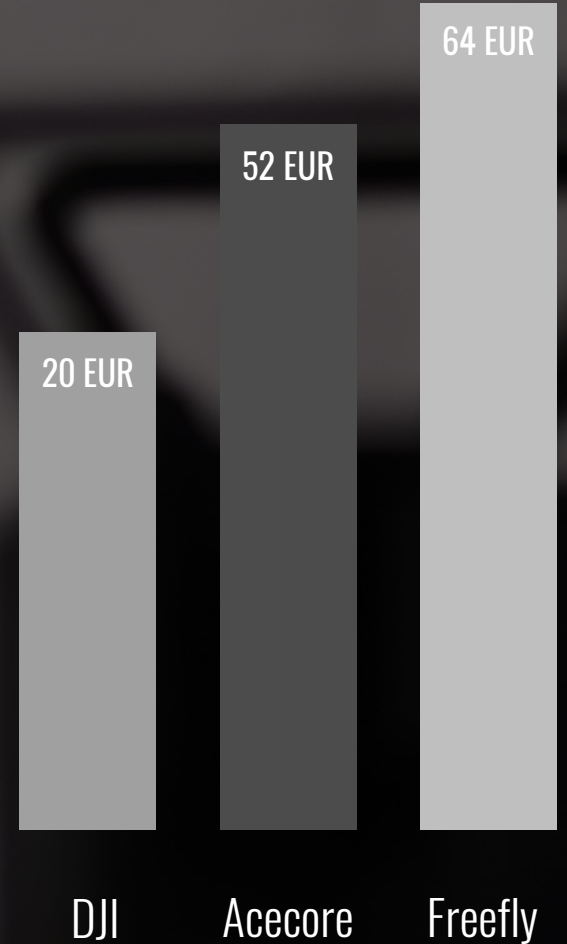
This is only possible thanks to our symbiotic subsystems:

- Patented lightweight structure
- Own Software
- Own Electronic design
- In house production of Battery Packs



starc<sup>star</sup>pter

Battery costs per flight hour in EURO





# We make autonomous applications possible

10 – 50x more utilization before service

Key advantages of our system in autonomous operations:

- 10x less service needed
- Lowest total operational costs in its class worldwide
- Compatible with simple hangars

60.000 km

Maximum distance covered with 2.5 kg of payload within the lifecycle of one battery set

6.000 km

1.000 km

1.200 km

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DJI

Acecore

Freefly

# PAY PER USE

## Our Offering:

- An always functioning workhorse
- state-of-the-art payloads to choose from
- Consultation, training, project support

**Drone incl. Batteries: 99 €/h**

**Payload: 139 €/h**

**Services: 59 €/h**

99 €/h

- Profit Margin
- Battery Wear
- Depreciation
- Maintenance

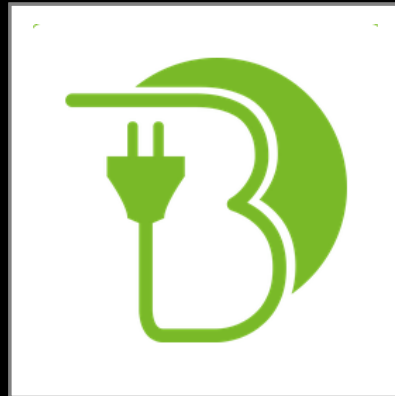
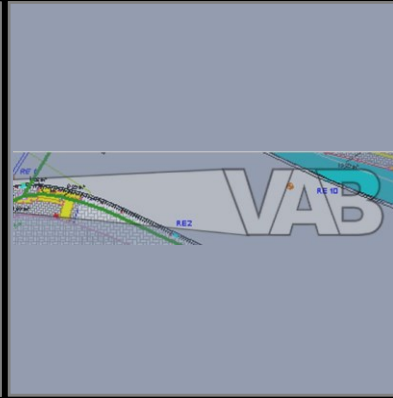
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# First Revenue

Since April 2024:  
First paying pilot projects

End of 2025:  
16 certified systems  
operated by our customers

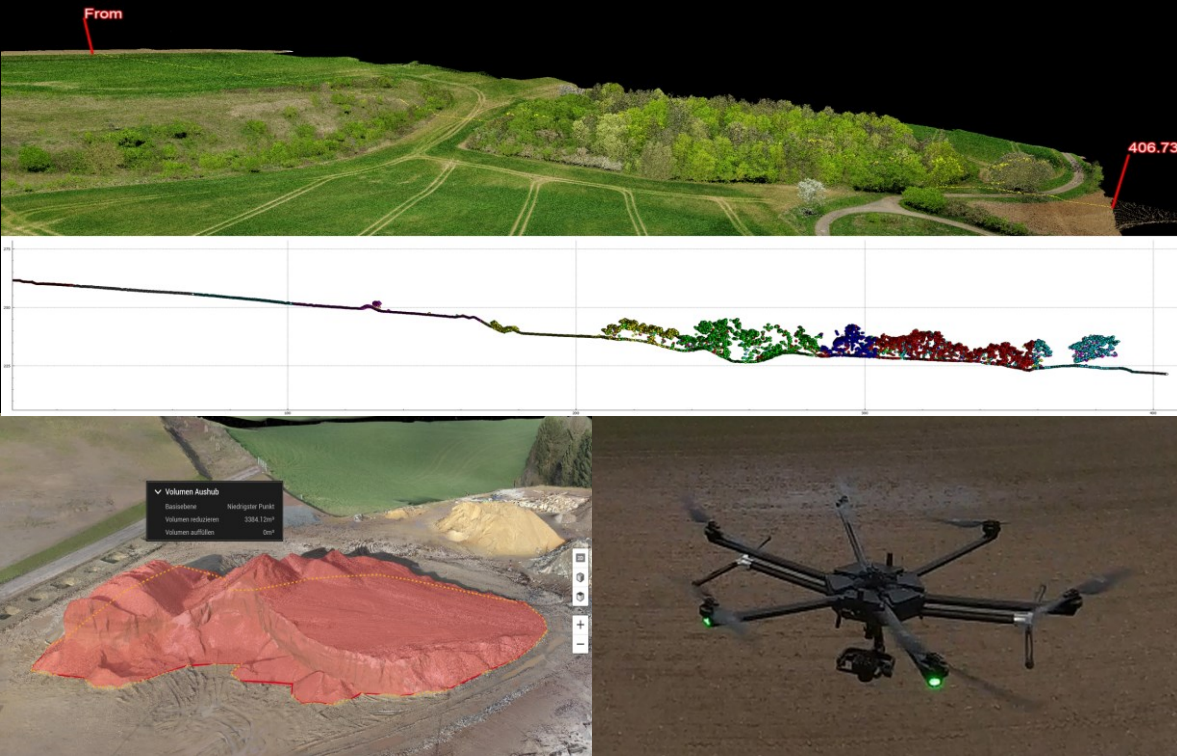
Potential Revenue: 750k EUR ARR





# OUR MARKET VERTICALS

## Surveying with high performance drones



ARR in mEUR	Germany	Europe	Worldwide
2024	365	1,650	8,324
2030	482	2,485	12,684

## Critical Infrastructure Inspection



ARR in m EUR	Germany	Europe	Worldwide
2024	156	1,381	11,931
2030	190	1,709	14,071

### Our Potential Revenue

# Our industrial drone: **HIGHDRA**

## **In-house made battery packs**

= Maximal performance. minimal costs

## **Green-Tec award 2022**

= Energy efficient holistic concept

## **Patent protected design**

= Rugged. mass manufacturable

## **Fully modular**

= Flexible configuration. tool-free assembly. \*

## **Aviation Grade Aluminium**

= Enabling passive cooling

## **Designed for EASA Certification**

**Made in Germany.**



# FROM PROTOTYPE TO CERTIFIED PRODUCT



Techn. Proof of Concept



Beta Versions 1-5



HIGHDRA v1.0





# A team with interdisciplinary know how and industry-renowned experience



**Henner Niebuhr**

CEO & Co-Founder

Finances, Market, Strategy  
Law & IT (Uni Marburg)



**Lasse Fröhner**

CTO, Co-Founder, Pilot

Technical Lead  
Mechatronic & Mechanical eng. (TU Clausthal)



**Khashayar Kazemi**

COO & Co-Founder

Operations Lead, Recruiting, Strategy  
Power Systems (TU Clausthal)

**Knut Roar Wiig**

Advisor to BoD

Fmr. CEO (Nordic Unmanned)  
10+ years of UAS experience, 1 Exit



**Carsten Rudolph**

Head of Sales

Fmr. CEO (AI-Survey)  
Fmr. Head of Global Sales (Hexagon)  
15+ years of UAS experience, 2 Exits



13 Team members  
(12 FTE)

**1 Institutional Investor**

# VISION

Engineering sustainable, long-lasting drones for a circular economy



Modular system allows **maintainability** & **long service life**



Focus on aluminium as mass-producible material and reduced carbon fiber use for **better recycling**



**25x longer-lasting** battery packs



Higher payload capacity. replaces more Helicopter applications. **reducing emissions**



We contribute to SDG **9, 11, 12 & 13**

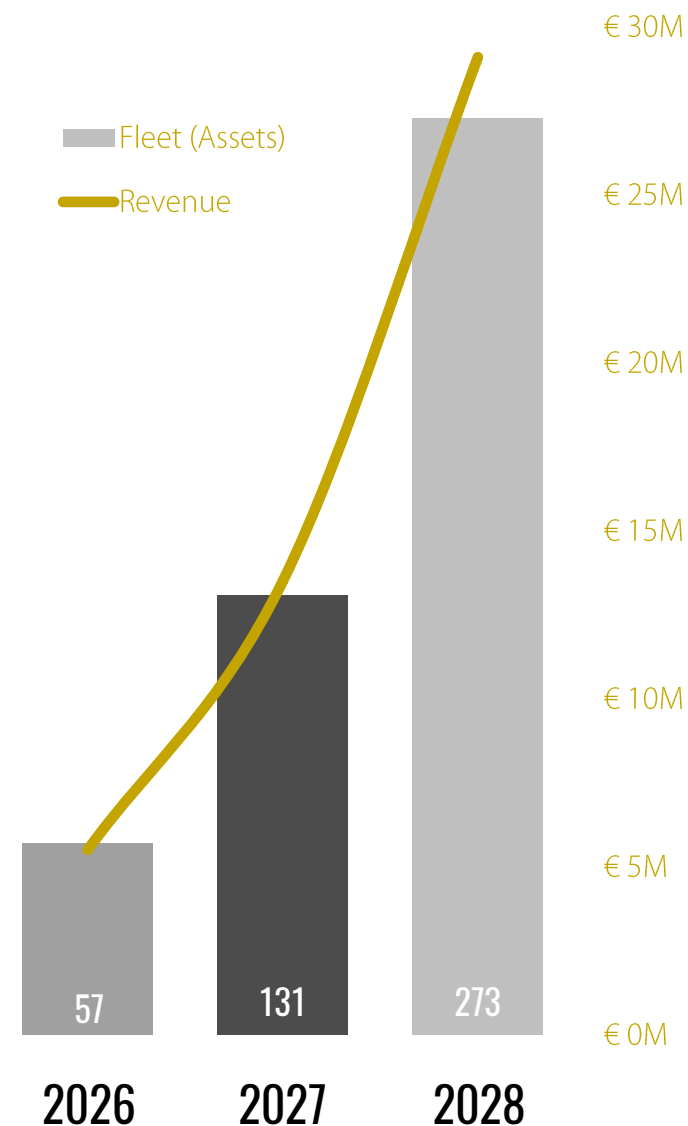
## Mission:

“To revolutionize infrastructure safety worldwide with an on-demand fleet of drones.

Providing top-tier data security and reliability — engineered and made in Germany.”

# KEY FINANCIALS

	Market entry & Scaling preparation		Scale phase	
	2025	2026	2027	2028
Ø Headcount (FTE)	19	30	48	87
<b>Assets: Fleet size</b> (year end)	<b>16</b>	<b>57</b>	<b>131</b>	<b>273</b>
Systems under Contract (year end)	11	40	92	191
ARR (from systems under contract)	0.7 M€	5.2 M€	13.2 M€	29.1 M€
Other (Op. Income & Capitalized own work)	0.3 M€	0.3 M€	0.3 M€	0.0 M€
<b>Total Proceeds</b>	<b>1.0 M€</b>	<b>5.5 M€</b>	<b>13.5 M€</b>	<b>29.1 M€</b>
Investment in Fleet, Payloads, R&D (depreciates)	0.6 M€	2.3 M€	4.6 M€	9.2 M€
<b>Personnel Expenses (total)</b>	<b>1.1 M€</b>	<b>1.5 M€</b>	<b>2.3 M€</b>	<b>4.0 M€</b>
Personnel Expenses – R&D	0.3 M€	0.3 M€	0.3 M€	0.4 M€
Personnel Expenses – Production, Maint., Logistic	0.3 M€	0.5 M€	0.9 M€	1.7 M€
Personnel Expenses – all other	0.5 M€	0.6 M€	1.1 M€	1.9 M€
<b>Other Operational Expenses</b>	<b>0.6 M€</b>	<b>0.8 M€</b>	<b>1.7 M€</b>	<b>3.1 M€</b>
<b>Total Expenses</b>	<b>1.6 M€</b>	<b>2.3 M€</b>	<b>4.0 M€</b>	<b>7.2 M€</b>
(Margin) / <b>EBITDA</b>	<b>- 0.7 M€</b>	(56%) <b>3.1 M€</b>	(70%) <b>9.5 M€</b>	(75%) <b>22.0 M€</b>
Depreciation (Mainly fleet)	- 0.1 M€	- 0.4 M€	- 1.2 M€	- 2.6 M€
(Margin) / <b>EBT</b>	<b>- 0.8 M€</b>	(49%) <b>2.7 M€</b>	(61%) <b>8.3 M€</b>	(66%) <b>19.3 M€</b>
Cashflow (End of Period)	- 1.6 M€	1.0 M€	5.1 M€	12.9 M€





# CAPITAL – 40% Committed

Pre-Seed 2023

Seed 2024

BRAWO CAPITAL GROUP  
BraWo Capital GmbH

Round Size	✓ 1.7 M €	2.5 M €
Pre-Money Valuation	✓ 10 M €	12 M €
Min. Ticket Size		0.5 M €
Milestones	Beginning of EU-Certification 2024: First Revenue	EU-Certification achieved 2025: 10k € MRR
	Lead Investor (BraWo Capital)	0.5 M €
	Soft Funding	0.5 M €
	To be committed for Seed	1.5 M €

## Use of Proceeds

Investment in Fleet (production & maintenance. tests)	40%
Investment in own IP (R&D personnel. Certification)	25%
Personnel (non R&D)	20%
Sales & Marketing. licenses. equipment	15%

## CONTACT

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