

Q4 2022 REPORT

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## Q4'22 and FY'22 Highlights

+48

Percent increase in revenues

Q4'22 vs Q4'21

Q4'22: EUR 3.7 million

+79

Percent increase in revenues

FY'22 vs FY'21

FY'22: EUR 16.5 million

89

**EUR million** 

**CONTRACT BACKLOG** 

Well distributed between flight services and OEM products

8

**EUR million** 

PRIVATE PLACEMENT

December 2022 offering and February 2023 subsequent offering

64

Surveillance missions in Q4

**IN MARITIME ENVIRONMENTS** 

124

Vessels measured in Q4

IN EMISSION MONITORING CAMPAIGNS

+43

**Percent increase** 

**FLIGHT HOURS** 

Compared to Q4 2021

270 000

**Kilometers** 

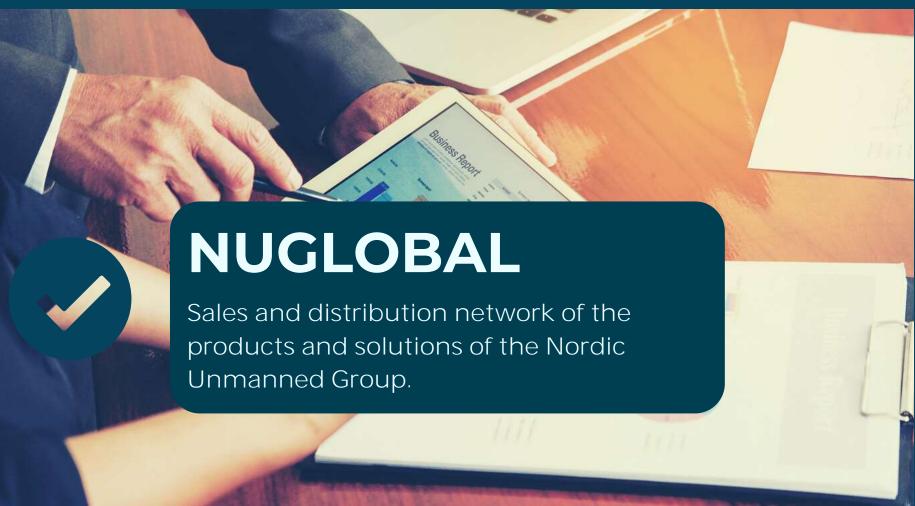
FLIGHT DISTANCE COVERED IN 2022

Almost seven times around the earth

















### **NUTECH**

Products

NUTech will provide products and solutions to Group customers through Nordic Unmanned's global distribution network.



### **NORDUN**

Flight services

Nordun delivers drone services the Maritime, Defense & Security, Offshore Energy market for both governmental and enterprise clients.

+ NUGlobal + NUMar

## Focus on execution and profitability

**OP/46** 

**European deployments** 

3 simultaneous deployments

Main revenue effect in Q2 and Q3

**OP/5** 

**Planning of operations** 

Textron Aerosonde VTOL fleet

Minimal financial effect in 2023

**MIKADO II** 

**Delivery of AR100-H** 

To the Bundeswehr

Main revenue effect in Q2 and Q4.

**TIQUILA** 

**Delivery of Heimdal sensors** 

To Lockheed Martin UK Ltd

Main revenue effect Q1, Q3 and Q4

#### **PROFITABILITY**

High invoicing levels in 2023

Delivery of high-value drone products

Improved terms and cost base for flight operations

Leaner organization

TWO BUSINESSES

**Nordun and NUTECH** 

Flight services operations

Focused product portfolio of military drones, drone-in-a-box and sensors

**ASSET ADJUSTMENTS** 

Sale of non-core assets

Assets unrelated to Nordun and NUTech core operations and budget

Opportunistic fleet review

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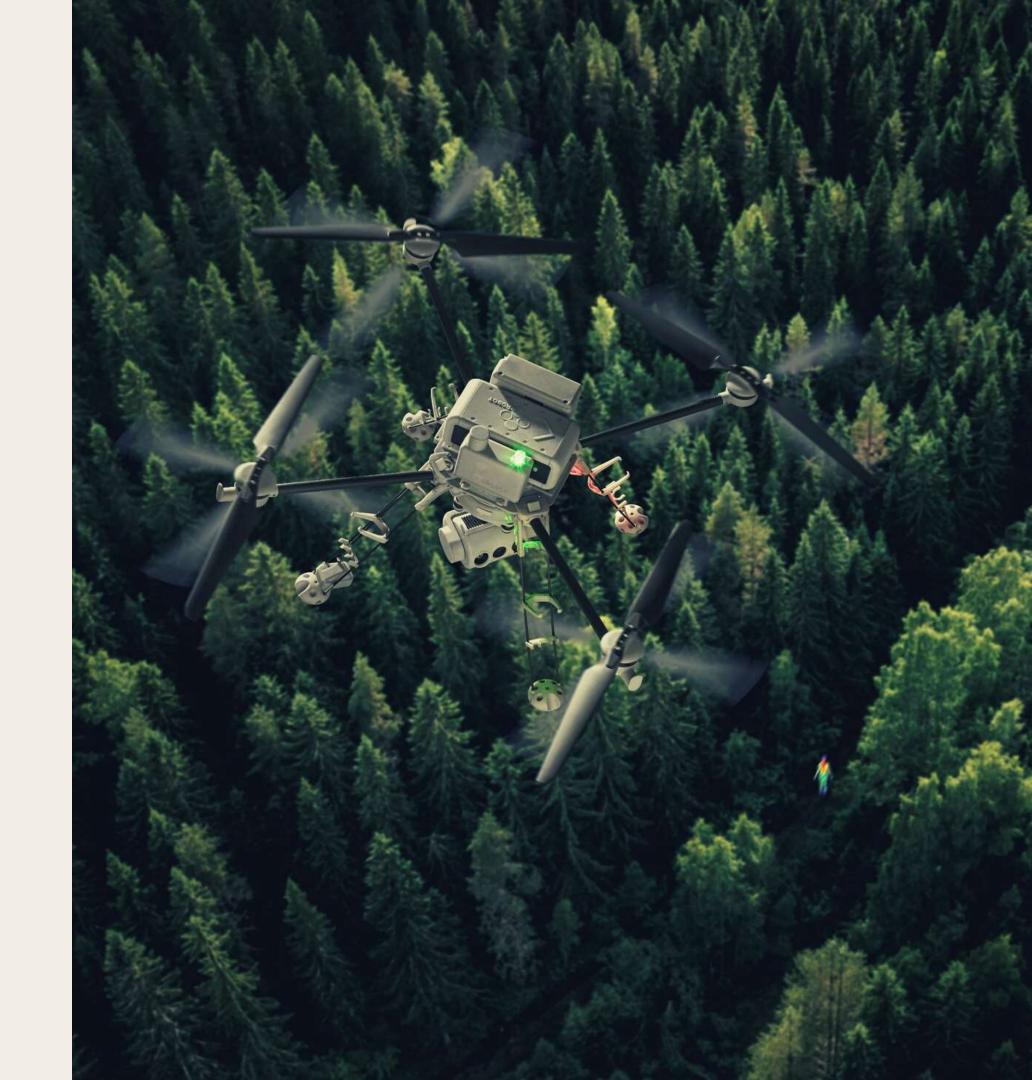
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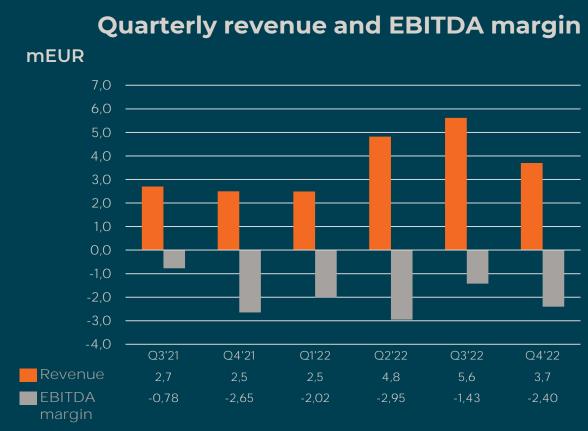


## Financials

## On track to achieve profitability from operations and lower debt burden

	Quarters		FY	
mEUR	Q4'22	Q4'21	2022	2021
Operating revenue	3.7	2.5	16.5	9.2
EBITDA	-2.4	-2.8	-8.6	-5.3
EBITDA margin %	-65%	-113%	-52%	-57%

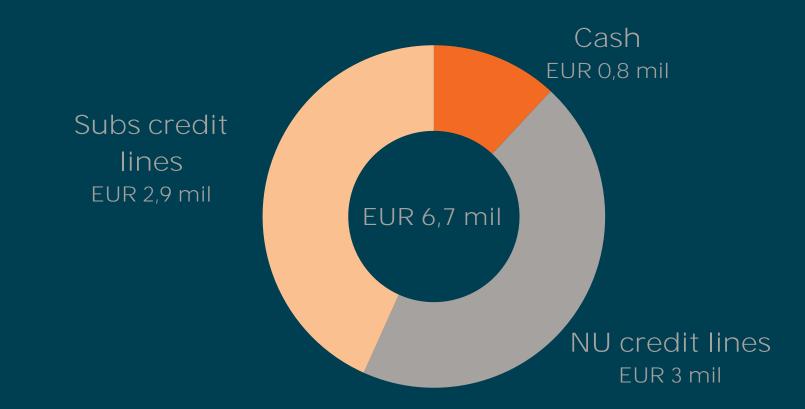




- 48% growth from Q4'21
- 79% growth from FY 2022
- low season for flight services and ramp-up of manufacturing activities that will start invoicing in the coming months
- Sale of drone products grew to
   33%
- Impairments of EUR 2.3m, and one off costs and inventory obsoleteness of EUR 0.7 million.
- Decided to derecognize deferred tax asset of EUR 5.0m

# Liquidity and solidity

- Group liquidity of EUR 6.7 million
- Private placement of NOK 66 million net
- Reduction of short-term debt, improving with EUR 4.4 million
- Equity ratio of 49%
- Sales of non-strategic assets, potential effect between EUR 3 – 10 million in Q2-Q4 2023
- Investments for new contracts pushed to 2024





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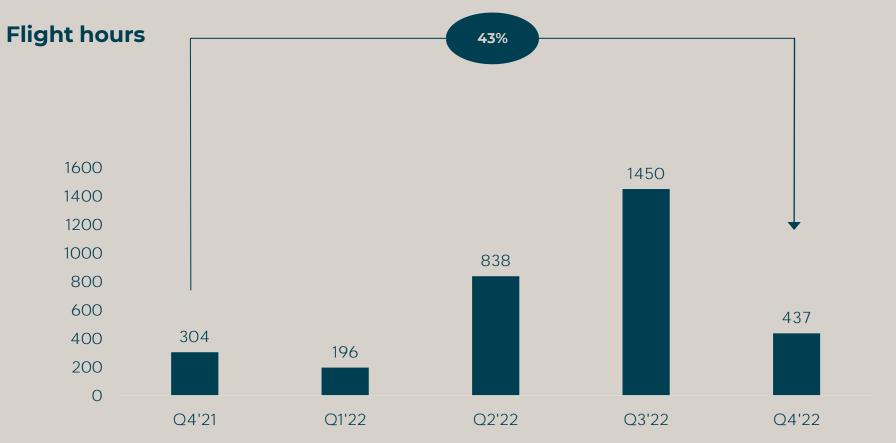
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## Nordun OP/5 contract signed – low quarter for operations

- Revenue Q4 mEUR 1.5 (+20%)
- EBITDA Q4 mEUR 1.0 (+23%)
- Increased operational activity in an expected seasonal low-period
  - 437 flight hours in Q4, increase of 43% compared to Q4 2021
- Doubled activity in full year 2022
  - 2922 flight hours FY2022, an increase of 99% compared to FY2021
  - Covered more than 260 000 km of flight distance with Aerosonde and Camcopter
- OP/5 contract with EMSA scales on OP/46
  - First call-off received in Q1 2023 for data integration
  - Same crew and fleet complementarity between OP/46 and OP/5 contract
  - Accepted increased contract utilization on OP/46, with a third deployment, as a result of the OP/5 award





## Nordun 2022 seasonality Customer and operation



#### Equinor

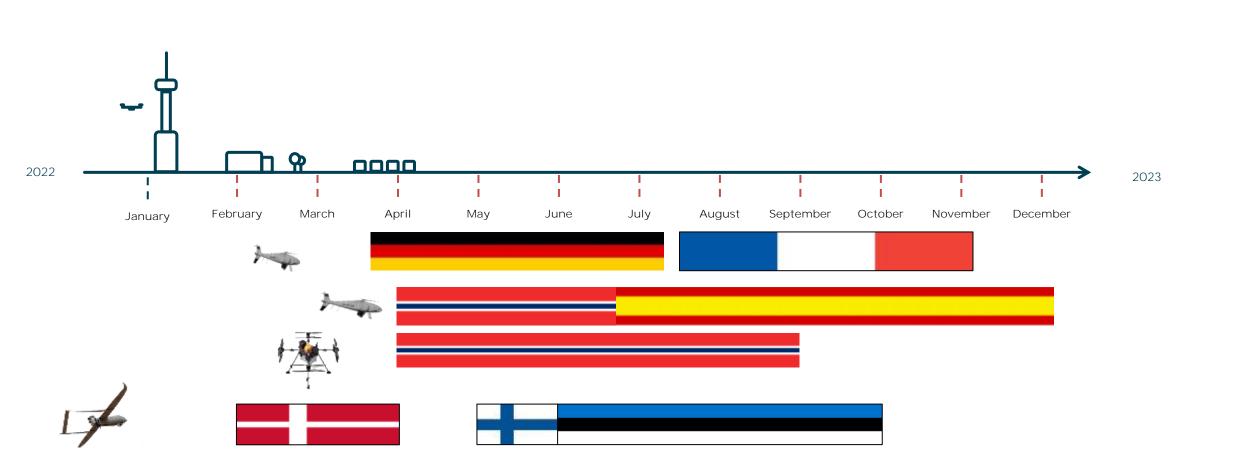
**EMSA** 

• Offshore logistical operations with the Staaker®



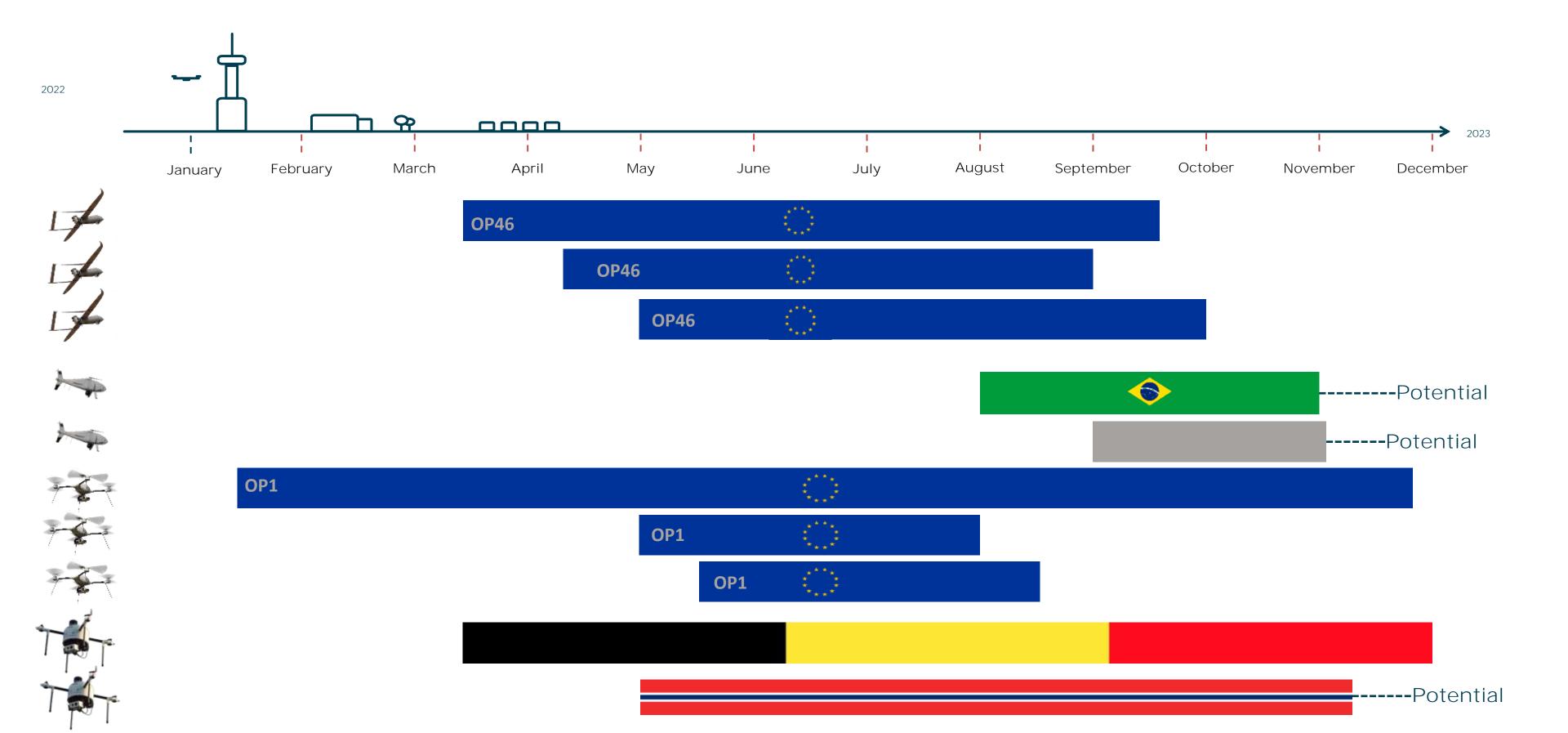


- OP46 with the Textron Aerosonde
  - Estonia, Finland
- 1
- OP10 with the CAMCOPTER S-100
  - France, Spain Germany
- OP1 with the Lockheed Martin Indago
  - Offshore Europe





## Nordun 2023 planned operations



## NUMar

## Leading provider of accredited measurements and verifications

- Revenue Q4 mEUR 0.4
- EBITDA Q4 mEUR -0.2

#### NUAer (60% ownership)

 Performed operations for Port of Turku and major oil and gas company

#### Ecoxy (100% ownership)

- Ecoxy maintained position as a leading provider of accredited NOx measurements and verification of GHG emissions.
- 22 emission measurements in Q4
- Full year turnover of MNOK 18, an increase of 34%. EBITDA margin of 28%



## We continue to make significant ESG contributions



General maritime surveillance
64 maritime surveillance missions



## Emission monitoring 48 vessels overflown

124 measurements done 47 environmental flights



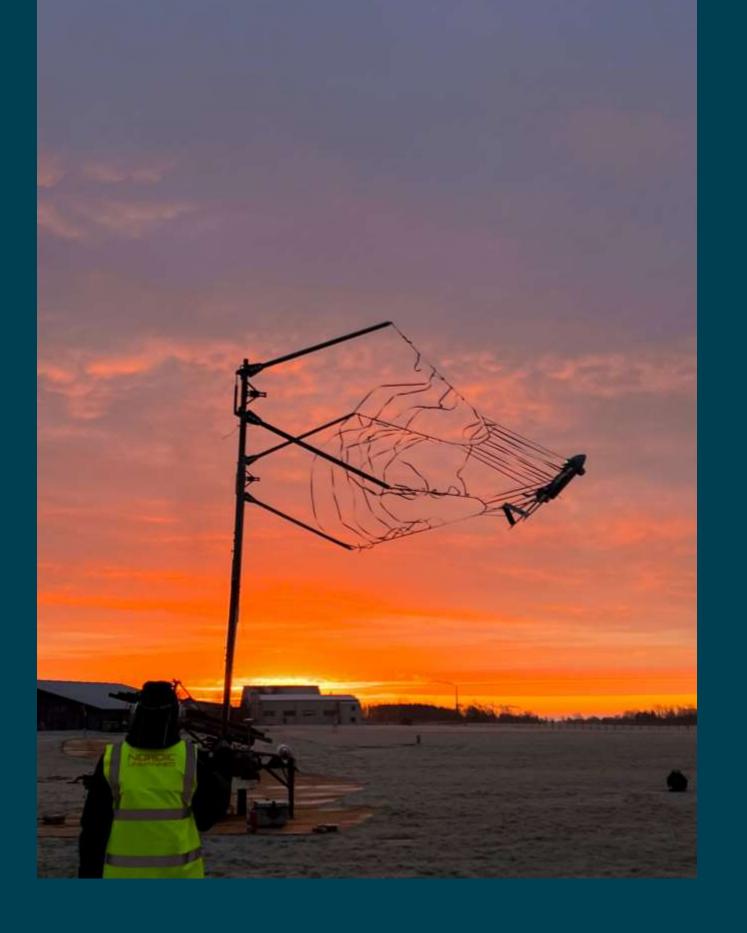






175x

Less emission from our fleet compared to its manned alternatives



## NUTech Flagship contracts secured

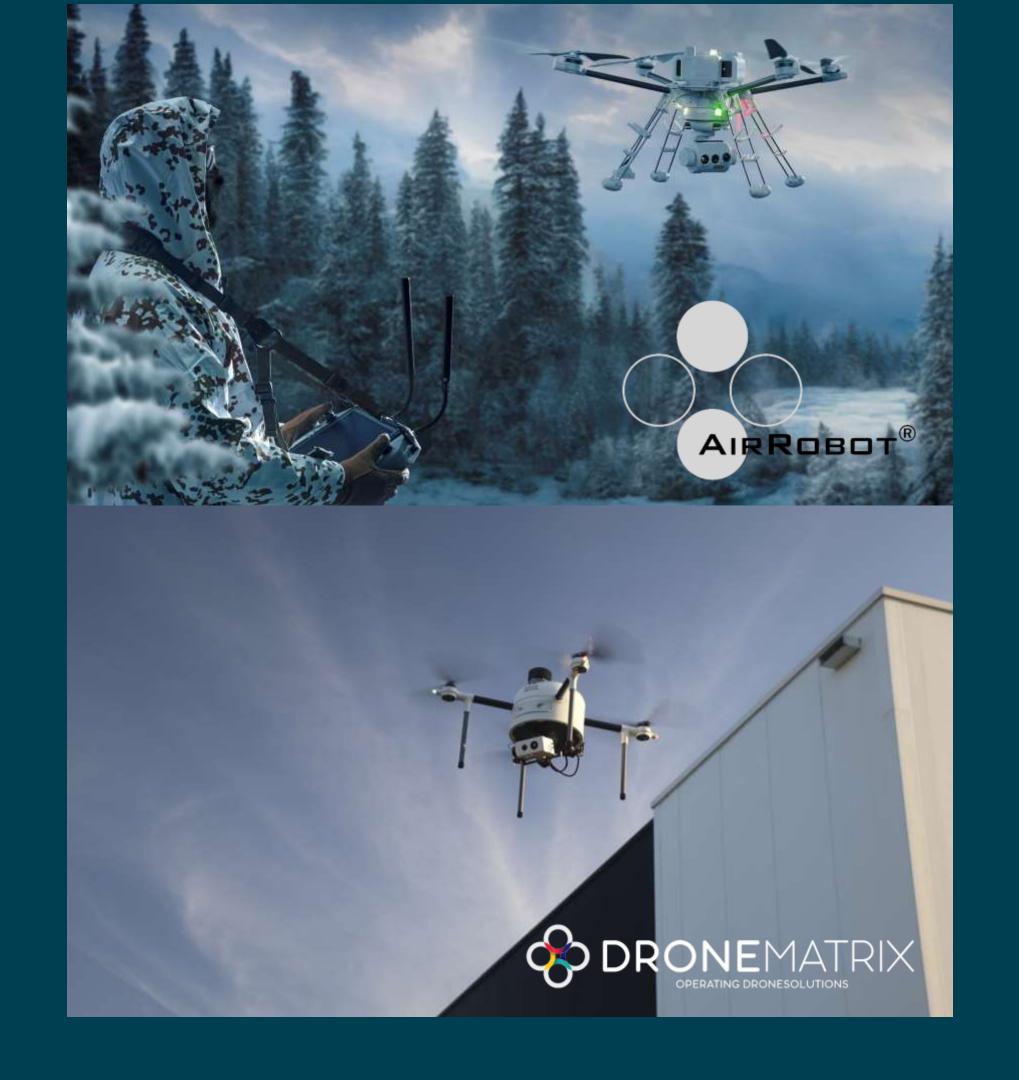
- Revenue Q4 mEUR 1.5 (+89%)
- Gross profit Q4 mEUR 1
- EBITDA Q4 mEUR 0.3

#### AirRobot (100% ownership)

- LMUK's award for UK MoD Tiquila resulted in significant backlog for 2023 for sensors for the Lockheed Martin Indago 4
- First AR100-H sold to Police forces
- Coax patent secures EUR 350k in license revenue

#### DroneMatrix (55% ownership)

- Completed setup for efficient and scalable manufacturing of systems
- Completed the installation of 4 of 6 systems for Port of Antwerp



# TIQUILA contract 10-year contract

- Award from Lockheed Martin UK Ltd
- Orders could exceed EUR 5 mill in 2023
- Duration: Up to 10+2 years

The Heimdal sensor is a dual Electro-Optical/Infra-Red (EO/IR) sensor, initially developed for AirRobot's AR100-H drone system sensor to be integrated on the Lockheed Martin Indago 4

#### **Delivery model**

- Supply, maintenance and life cycle support
- Full utilization of contract expected from 2024, contingent on call-offs

#### Opportunities

- Enhanced scope of OEM services
- Integration on the Lockheed Martin Indago 4 globally



The Heimdal sensor mounted on a Lockheed Martin Indago 4

# MIKADO II Expectations in 2023

- Award from Bundeswehr in 2022
- Value potential: Up to EUR 12 million
- Delivery: 145 AR100-H systems + support
- Duration: 10+2 years

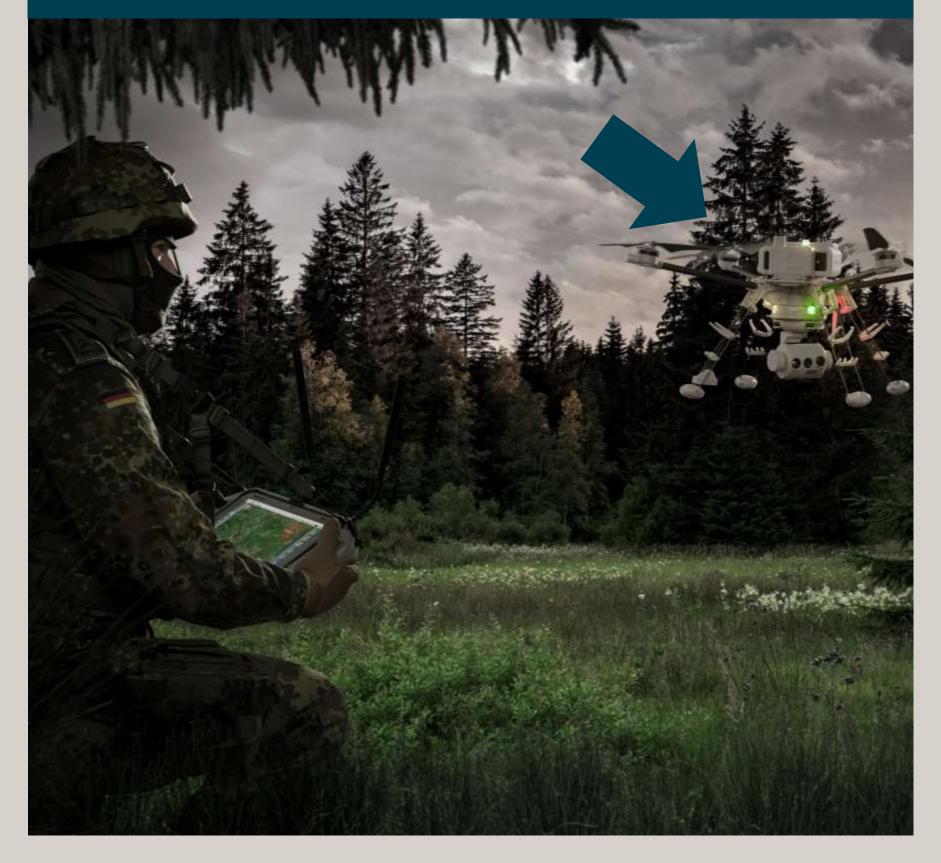
AR100-H is a system consisting of air vehicle sensors, power source, spare parts, ground control station and related software. Specially made for military and police applications

- The first batch of drones will be delivered in Q2 2023
- Second batch will be delivered in Q4 2023

#### Opportunities

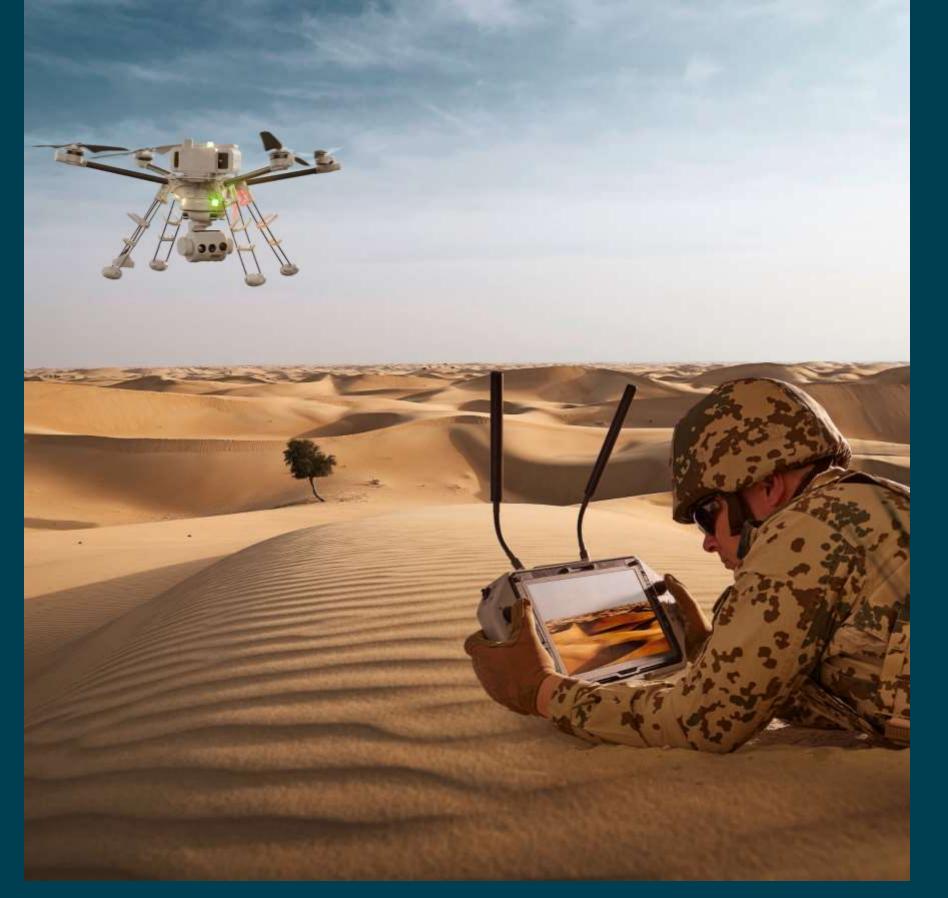
- Achievement of airworthiness certification is expected to trigger military demand
- Police demand in Germany, following the award

The system being delivered to the Bundeswehr, AR100-H



# **NUGlobal**Announcement of Tiquila contract

- Revenue Q4 mEUR 0.3
- Gross profit Q4 mEUR 0.1
- EBITDA Q4 mEUR -0.3
- Revenue related to sale of Lockheed Martin Indago, frame agreement with Swedish police, and various MRO activities in Norway
- Nordic Unmanned UK Ltd. instrumental in securing the TIQUILA contract with Lockheed Martin UK
- High activity and commercial traction in newly opened US entity related to drone-in-a-box and AirRobot AR100-H

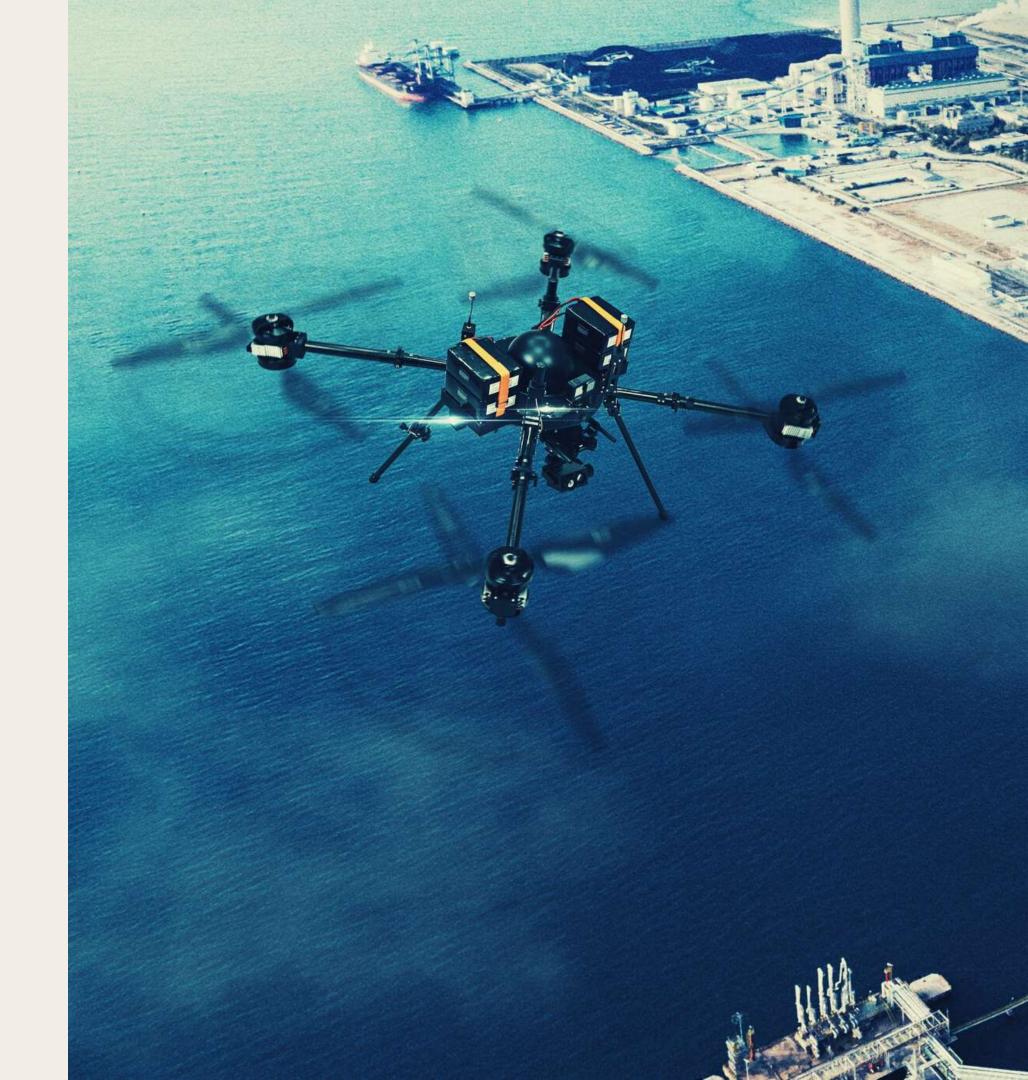


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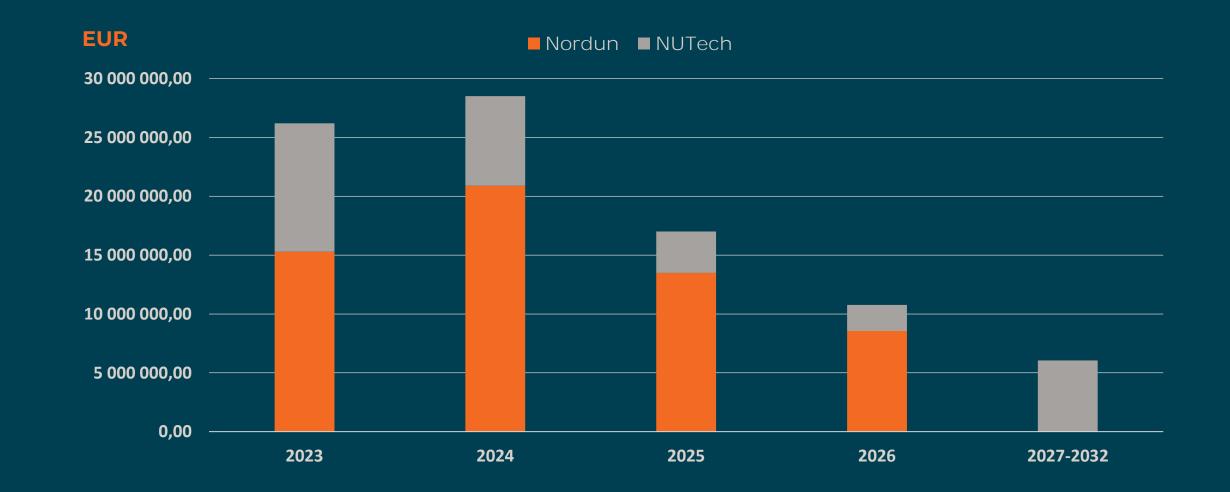
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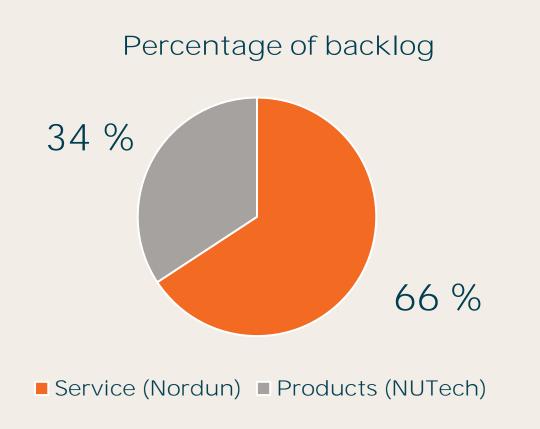
## Contract backlog

89
EUR million
TOTAL CONTRACT
BACKLOG\*



\*Contract backlog includes the maximum remaining estimated value of signed and/or awarded contracts. Annual utilization is based on calloffs, contract estimates and client feedback

- The TIQUILA and OP/5 contract contract now added to the contract backlog
- The OP/5 contract has a rate increase which representant a significant increase in profitability for the backlog



### Potential awards

#### Awaiting tender decisions next 6 months: EUR 67 million







## Total CRM Pipeline: EUR 1.2bn

Value-adjusted win rate of ≈50%\*

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## Summary Q4



Signed two flagship contracts with EMSA and LMUK, important for the long-term development of the backlog and market positioning



44% revenue increase from Q4'21 and record flight hours for the year



Operating losses in a low season for flight services and limited invoicing in NUTech



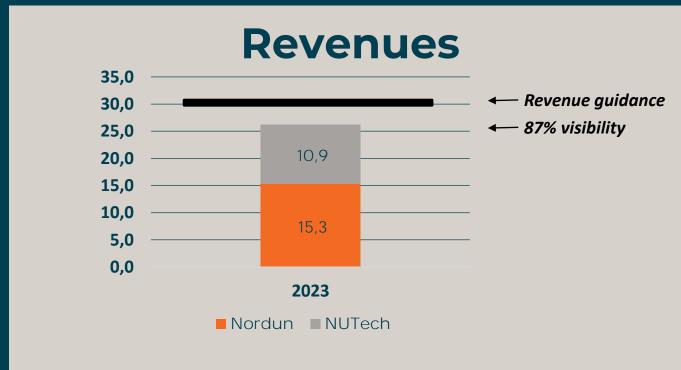
High-quality backlog of EUR 89m, ensuring predictable cash flow for several years to come



Products business will be at least as important as service business going forward

## Financial targets for 2023





Revenue target to exceed EUR 30 million

87% visibility based upon current contracts



#### **Profitability**

Target EBITDA margin of approx. 10% for the full year, accumulated breakeven from Q2

Target cash positive from operations for the full year, accumulated breakeven in Q2

## 2023 main risks



Fulfillment of AR100-H first delivery in Q2 (Bundeswehr contract)



Fulfillment of Heimdal first delivery in Q2 (Lockheed Martin UK contract)



Fluctuation in EMSA contract call-offs in the second half of 2023



Three parallel deployments with up to 6000 flight hours



Industrial roll out of drone-in-a-box systems and services

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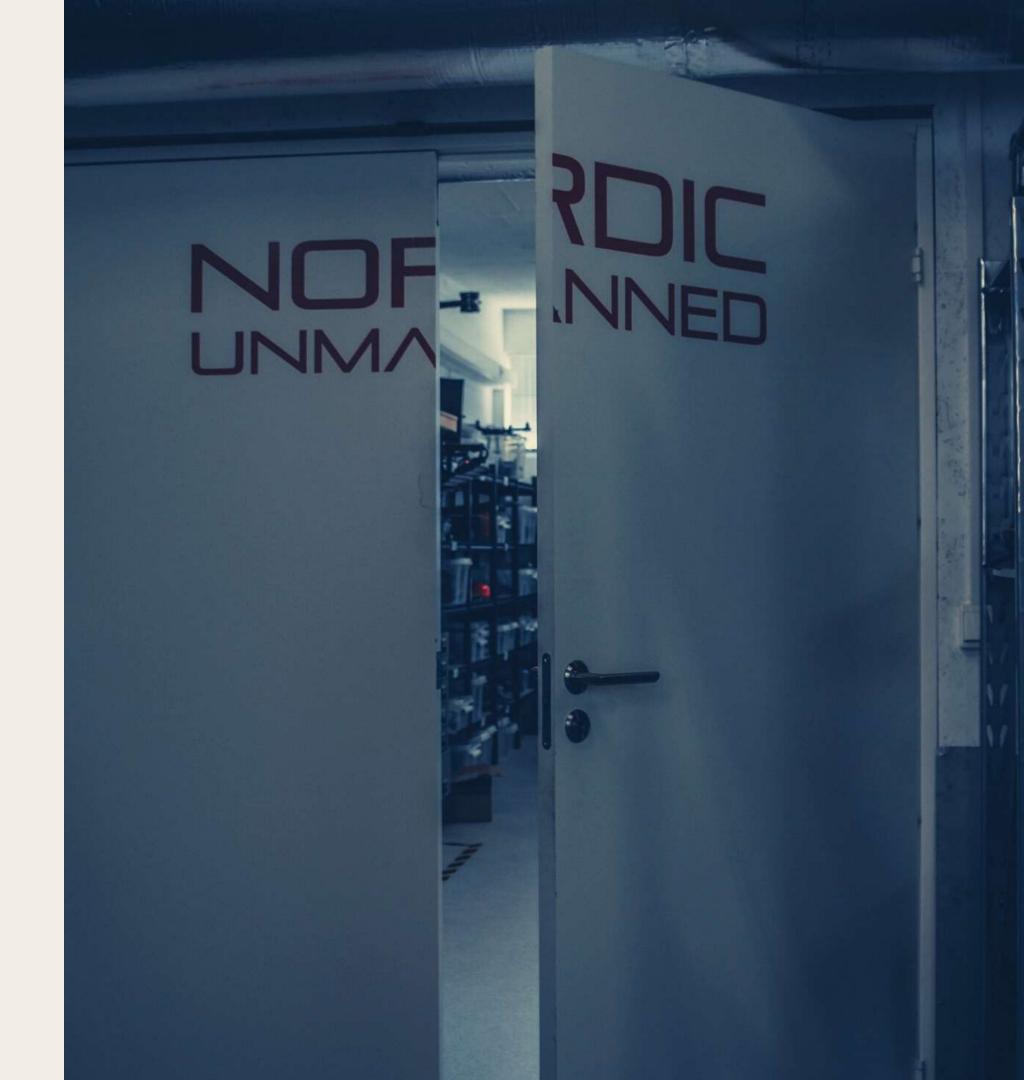
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## Our business units

#### Organised into fully-functional business units



#### Nordun

**Drone-As-A-Service** 

- Pure-play drone "airline"
- State-of-the-art fleet of UAVs and systems
- Pilots and technicians
- Operations Control Center
- Complex missions with advanced platforms and sensors
- LUC permit



#### **NUMar**

Data-As-A-Service

- Serves maritime market
- Emission monitoring services
- Data analytics and platform
- Subsidiaries
  - Ecoxy
  - NUAer



#### **NUTech**

Original equipment manufacturer (OEM)

- Portfolio owner of Nordic Unmanned Group's own technology products
- Product families:
  - Staaker
  - AirRobot
  - DroneMatrix



#### **NUGlobal**

Sales and Distribution

- Global sales and distribution network offering:
  - Own products, solutions and services
  - Strategic partners, products and solutions
  - Global strategic distributors

## Definitions

EBITDA Profit/(loss) for the period before net financial items, income tax expense, depreciation and amortization

Contract backlog Contract backlog includes the maximum remaining estimated value of signed contracts

Historic win rate Value of opportunities above EUR 200k won divided by aggregate value of closed targeted opportunities

above EUR 200k

MRO Maintenance, repair & overhaul

Value adjusted win rate Based on 113 historical opportunities with value above EUR 200.000

Reduced CO<sup>2</sup> emissions Average CO<sup>2</sup> emission of Sikorsky S92 and Challenger CL604 per flight hour – Average CO<sup>2</sup> emission of

CAMCOPTER S-100 per flight hour = Reduced CO<sup>2</sup> emission.

Our flight operations could be conducted by these comparable manned platforms; the helicopter Sikorsky S92 and the maritime surveillance plane Challenger CL604. Therefore, the average of these two platforms have been used when comparing CO<sup>2</sup> footprint with large drone flight operations.

Definitions in sales pipeline

Prospect: Potential leads not formally confirmed

Qualified lead: Lead formally confirmed or received from client

RFI delivered: Response to request for information (RFI)

RFP / Proposal: Ongoing proposal response Awaiting award: Tender or offer submitted

Projects with ongoing negotiations or un-announced wins not included in CRM pipeline

		Quarters		Full year	
Amounts in EUR	Notes	Q4 2022	Q4 2021	2022	2021
Operating revenue	3,4	3 705 502	2 499 707	16 476 046	9 185 911
Cost of goods sold	4	748 738	609 589	2 627 077	1 539 041
Personnel expenses	4	3 588 516	2 414 538	12 994 797	6 440 359
Depreciation and amortisation expenses	5,6	1 724 409	995 190	5 519 030	2 066 650
Impairments	5,6	2 323 487	0	2 323 487	0
Other operating expenses	4	2 357 881	2 310 464	10 039 178	6 460 748
Total operating expenses		10 743 031	6 329 782	33 503 568	16 506 798
Operating profit (loss)		-7 037 529	-3 830 075	-17 027 522	-7 320 887
Net financial income / (expense)	7	-195 814	-918	-1 070 321	149 899
Profit (loss) before tax		-7 233 343	-3 830 992	-18 097 843	-7 170 988
Income tax expense (benefit)		5 089 782	-1 054 347	2 842 039	-1 344 803
Profit (loss) for the period		-12 323 125	-2 776 646	-20 939 882	-5 826 185
Allocation of profit or loss:					
Profit/loss attributable to non-controlling interests		-153 309	-42 572	-325 209	-42 572
Profit/loss attributable to the parent		-12 169 816	-2 734 073	-20 614 673	-5 783 613