

A white Nordiq Unmanned aircraft is shown on a tarmac. The aircraft has "NORDIC UNMANNED" and "European" written on its side, along with the registration "LN-0310-NG" and a "DANGER" warning. The aircraft is supported by a landing gear system. In the background, there are trees and a building. An orange text overlay is positioned in the upper right quadrant of the image.

ICAO Drone Enable  
December 2023

BVLOS

Bruno Boucher, eng.  
Executive Vice-President

Nordic Unmanned ASA

# WHO WE ARE

Leading operator of advanced drone systems, supporting governments and corporates across Europe with pollution monitoring, fishery control, maritime, border and perimeter surveillance.

Developer and producer of own drone technology with leading industrial and defense customers with a significant pipeline for deliveries in 2023.

150 employees active on three continents

Established in 2014 and listed on Euronext Growth Oslo in 2020

Partnering with OMNI in Brazil for various projects

Certified as RPAS Operator by CAA Norway under EASA regulation - (LUC Certificate #001)



# Current fleet – 95% of all flights are performed BVLOS in various environments



**AR100-H**

<4 Kg MTOW



**INDAGO**

<3 Kg MTOW



**Camcopter S100**

200 Kg MTOW



**AEROSONDE**

<50 Kg MTOW



**Yacob – Drone in a Box**

<7 Kg MTOW



**Nuuva V300\***

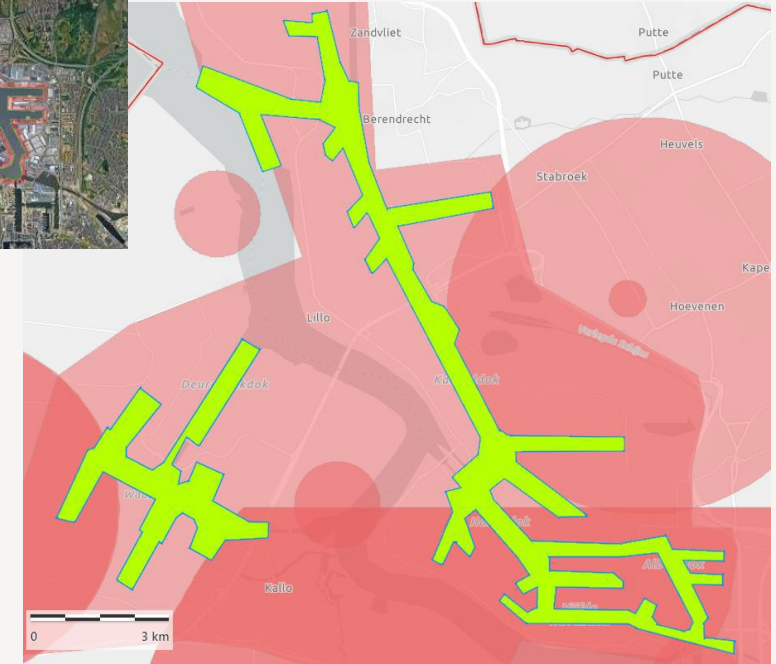
1750 Kg MTOW

*\* In preparation*



# Current deployment in Belgium – BVLOS / Remote Operation

A few Yacob “Drone in a box” are deployed at strategic points in the Port of Antwerp and remotely controlled in a challenging airspace configuration under Nordic Unmanend LUC..



# OperA – Operate Anywhere – Large cargo drone

## OperA

# OPERATE ANYWHERE

Project Execution: Q2 2023 – Q2 2026

This SESAR 3 Fast track agile project will enable safe accommodation of Urban Air Mobility (UAM) in European ATM and U-space. 2 UAM Solutions will be developed, addressing the whole eco-system of manned air taxi and unmanned cargo cross-border operations. Through validation, live demonstrations, and standardization, the project aims to enable and accelerate uptake of these sustainable UAM services in Europe, improving flexibility, speed and passenger experience in the overall transportation system.




**FOCUS AREAS**

**Concept of Operations:**  
UAM IN ALL TYPES OF AIRSPACE for Air taxi and cargo eVTOL

UAM procedures in airports and TMA  
UAM operations in ATM/U-space  
Cross-border UAM operations  
Vertiports  
Airborne Ground Integration

**Technology:**  
AUTOMATION → AUTONOMY  
Information sharing and advanced U-space services  
Vertiports  
Autonomous Decision Engines  
Navigation for Autonomy  
Detect and Avoid  
Flight efficiency

**Path to exploitation:**  
Air Taxi uptake/deployment at 12 European airports.  
  
Unmanned cargo cross-border operations in 6 countries.

**IMPACT**

- 📈 Saving up to 405 ton of CO2 / year
- 🕒 10 - 30% more operating days
- 🔊 50% less perceived noise
- ⌚ 60% cargo delivery time reduction

- 🚀 70% travel time reduction
- 💰 70% reduction in unmanned aircraft operating costs
- 🚦 10 times more movement in the same airspace
- 🛡️ 1,500 times safer on a passenger-kilometer basis than road transportation

**PROJECT IN NUMBERS**

15

VALUE CHAIN PARTNERS  
(incl. 4 affiliates) covering the whole ecosystem

9+

ADVISORY BOARD

11

COUNTRIES  
Austria, Belgium, Czech Republic, Germany, Latvia, Lithuania, Romania, Slovakia, Slovenia, Spain, UK

3-4-3

VALIDATIONS  
3 UAM use cases operated in 4 countries by 3 UAM OEMs



2in1

SOLUTIONS  
2 UAM Solutions in 1 CONOPS





OperA OPERATE ANYWHERE

<b>PALANGA TMA 3</b> CLASS C TMZ/RMZ FL095 / FL065	<b>LIEPAJA FIZ SECTOR B</b> CLASS G TMZ/RMZ FL095 / 1500 FT MSL
<b>PALANGA TMA 2</b> CLASS C TMZ/RMZ FL065 / 2000 FT MSL	
<b>PALANGA TMA 1</b> CLASS C TMZ/RMZ 2000 FT MSL / 800 FT MSL	<b>UNCONTROLLED AIRSPACE</b> CLASS G 1500 FT MSL / GND
<b>PALANGA CTR</b> CLASS C TMZ/RMZ 800 FT MSL / GND	<b>LIEPAJA FIZ SECTOR A</b> CLASS G TMZ/RMZ 1500 FT MSL / GND LIEPAJA Airport 2 
U-space airspace  PALANGA Airport 1	
VILNIUS FIR LITHUANIA	RIGA FIR LATVIA

Icon: Flaticon.com

Large Cargo drone flights between 2 countries (controlled / uncontrolled airspace and airports) planned for 2025.





## **Bruno Boucher**

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**NORDIC**  
**UNMANNED**