



Enabling a
Sustainable Use
of Space

INTRODUCTION

LMO



LMO OVERVIEW

SHAREHOLDINGS

Investment Fund (26%)



Private Shareholders (74%)



LMO Sarl
Luxemboug



LIFT ME OFF LTD
(100% Owned LMO Sarl)



BOARD



Yannick Vancoppenolle
LMO Board Member



Louis de Schorlemer
LMO Board Member



Yves Elsen
Chairman



Michel Poucet
LMO Board Member
CEO



Marcos Perez
LMO Board Member
CTO

FOUNDED MARCH 2020

€ 1,500,000 PRIVATE FINANCE RAISED UNTIL DATE

24 FTE

3 BUSINESS UNITS

PROPELLION



IOS

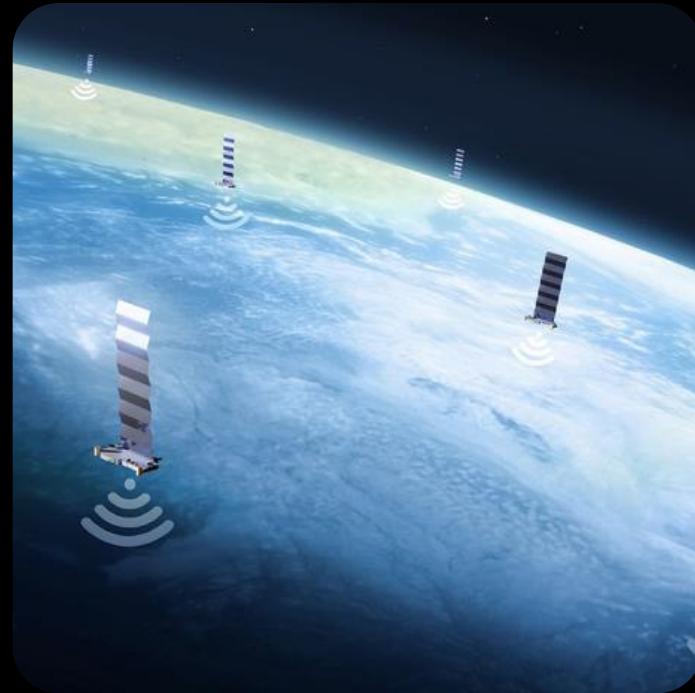


SSA



TRENDS - SPACE A GROWING MARKET & DOMAIN

MORE USE OF SPACE
COMMERCIAL SERVICES



TODAY
\$630 BILLION
9,000 SATELLITES

2030
\$1.1 TRILLION (CAGR 11%)
>60,000 SATELLITES

CRITICAL NATIONAL
INFRASTRUCTURE



TODAY
KEY DOMAIN
LAND, SEA, AIR, CYBER, **SPACE**

2030
DEFENCE SPENDING WILL BE
2X,3X IN EUROPE TO REACH
NATO TARGETS

NEW IN SPACE
ECONOMY



TODAY
SATELLITES ARE SINGLE-USE
NON-SUSTAINABLE

2030
SATELLITES WILL BE
ASSEMBLED, REPAIRED AND
RECYCLES IN SPACE

PROBLEM

TODAY **>\$100 BILLION** OF SPACE INFRASTRUCTURE IS AT RISK DUE TO THE FACT THAT EVERYTHING WE LAUNCH INTO SPACE **HAS NO CAPABILITY TO REACT** TO THE ENVIRONMENT AROUND IT.

AS SPACE GETS MORE **CONGESTED, CONTESTED & COMPLEX**
THAT RISK HAS BECOME UNACCEPTABLE.

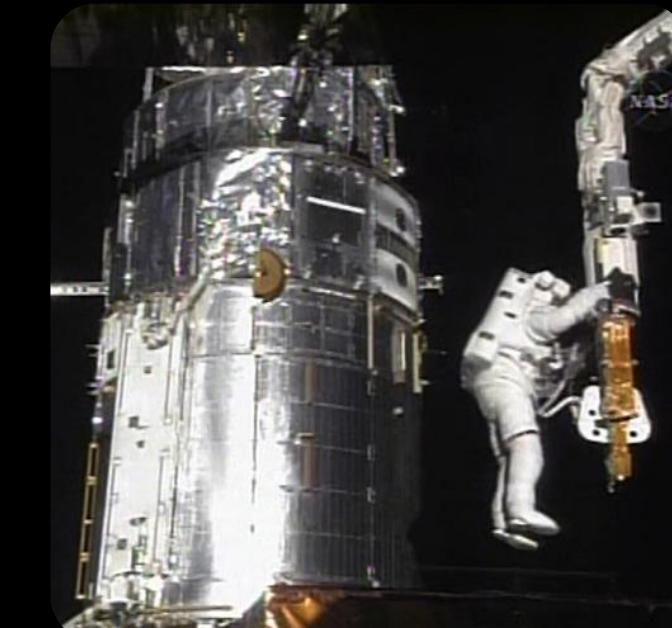
CONGESTED
>6000s SATELLITES
& DEBRIS IN SIMILAR ORBITS



CONTESTED
MILITARY ASSETS ARE
REGULARLY INTERFERED



COMPLEX
REPAIRS IN SPACE ARE
DONE BY FEW ASTRONAUTS



SOLUTION

LMO

LMO PROVIDES CAPABILITIES
FOR SATELLITES TO AUTONOMOUSLY:

SEE, PLAN & ACT
IN SPACE

ALLOWING US TO
PROTECT, DEFEND & FIX
CRITICAL SPACE INFRASTRUCTURE

TACKLING SPACE
CONGESTION & FOREIGN INTERFERENCE

ENABLING A SUSTAINABLE USE OF SPACE
AND OPENING A **NEW IN-SPACE ECONOMY**

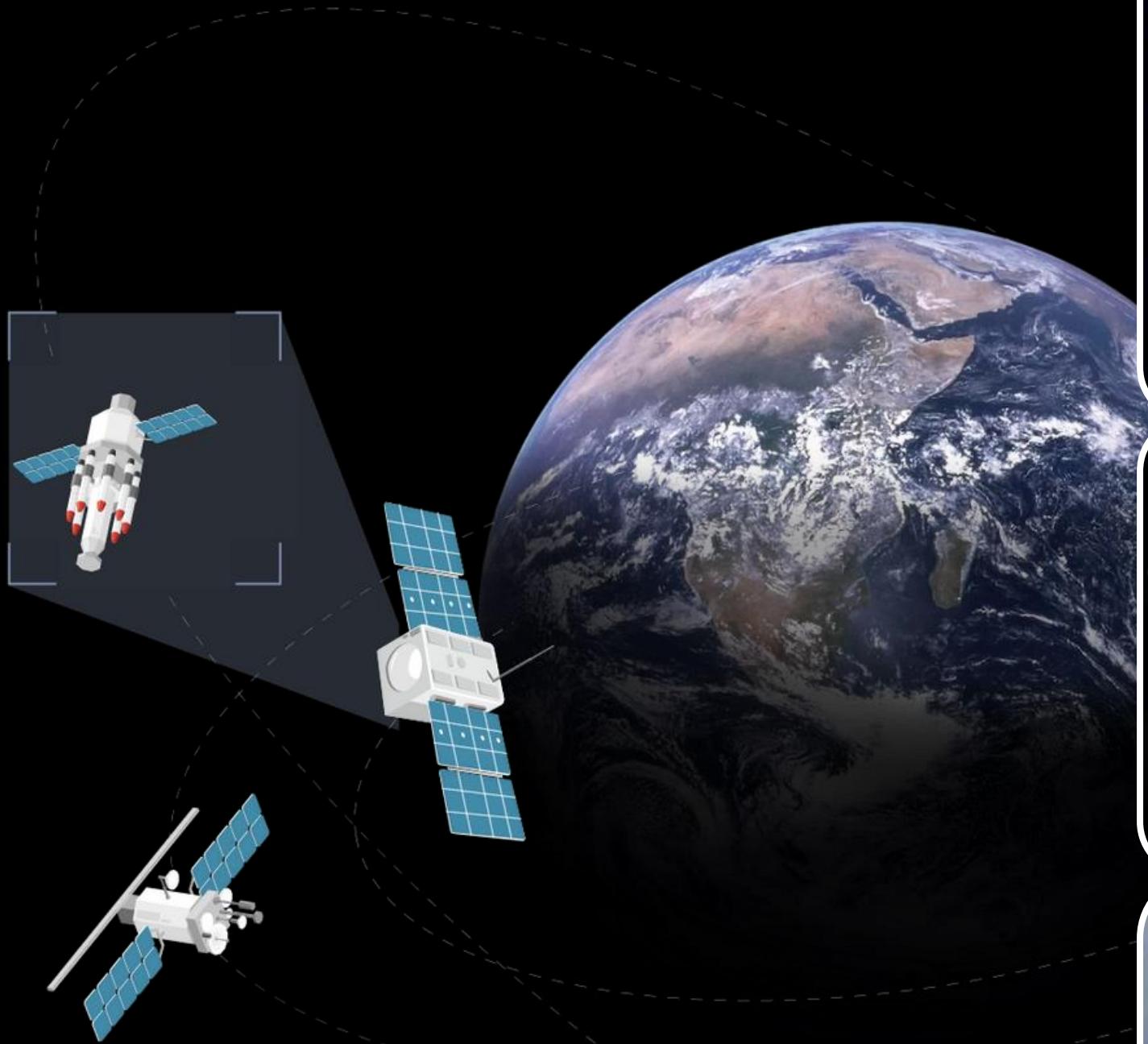


Position Identification
X: 2.42m
Y: 5.21m
Z: 20.45m

Satellite Pose Estimation



OUR 3 PRODUCTLINES



SPACE SITUATIONAL AWARENESS

SPACE BASED SENSING USING AI WHICH RUN REAL-TIME IN SPACE PROVIDING ANALYTICS OF OTHER SPACE OBJECTS FROM SPACE

IN-ORBIT SERVICING

SPACE BASED NAVIGATION USING AI TO ALLOW AUTONOMOUS NAVIGATION, DOCKING AND OPERATIONS

PROPELLION

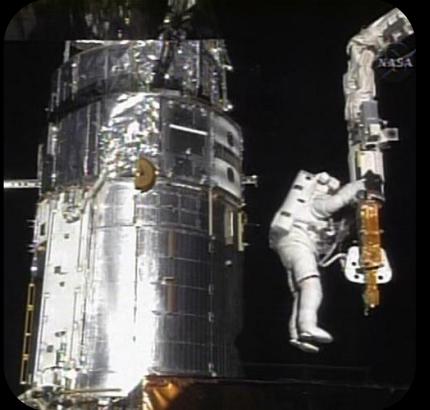
AGILE PROPULSION SYSTEMS & COMPONENTS TO ALLOW SATELLITES TO REACT QUICKLY AND DECOMMISSION AT END OF LIFE

VALUE PROPOSITION

TODAY W/O LMO



OUR MILITARY ASSETS ARE SITTING DUCKS AND REGULARLY INTERFERED WHILE WE CAN ONLY MONITOR WHAT HAPPENED FROM GROUND



OUR SATELLITES ARE SINGLE USE AS THEY CANNOT BE REPAIRED MEANING WE LOSE \$10 BILLION OF I/F A YEAR



RISK OF COLLISIONS AS SATELLITES ARE LEFT IN SPACE WITH LITTLE ROOM FOR MANEUVER

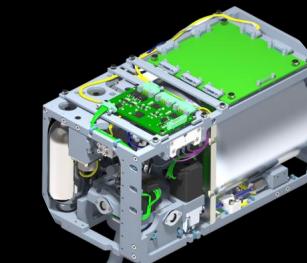
FUTURE WITH LMO



USE AI TO IDENTIFY & TRACK ALL ITEMS IN REAL-TIME FROM SPACE AUTOMATE COLLISION AVOIDANCE



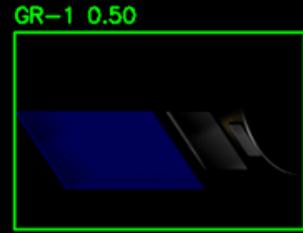
AUTONOMOUS SYSTEM TO KEEP AN EYE & REACT TO OPPONENT TO PROTECT & DEFEND OUR ASSETS



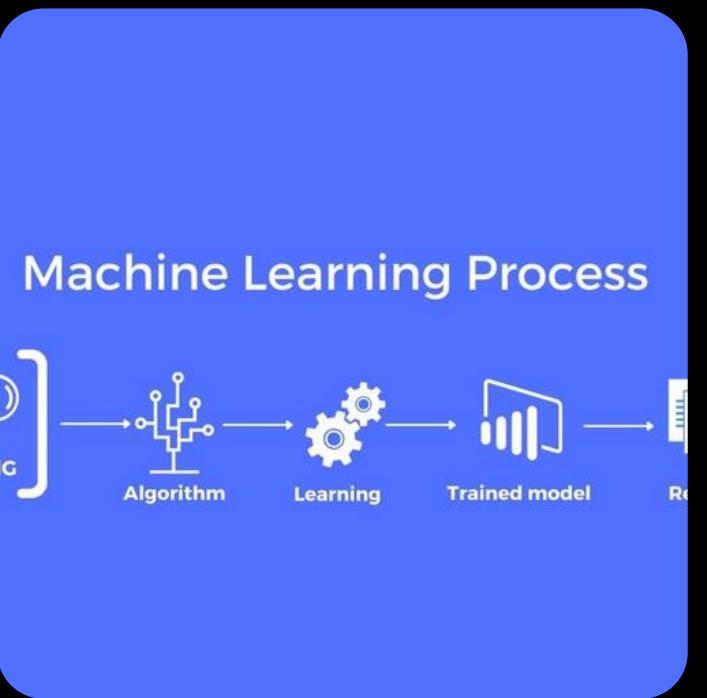
AGILE PROPULSION SYSTEMS TO AVOID COLLISIONS & DE-ORBIT ACTIVELY & QUICKLY

OUR UNIQUE AI IP

SYNTHETIC DATA &
ENVIRONMENT
SIMULATOR



MACHINE LEARNING PIPELINE
PROCESS



FULL MODELLING OF
SCENARIOS & SENSORS

BRIDGES THE DOMAIN GAP
BETWEEN EARTH & SPACE

AUTOMATED ML MODEL
DEVELOPMENT & TRAINING

ADAPT MODELS TO VARIOUS
APPLICATIONS & SENSORS

ON-EDGE COMPATIBILITY WITH
SPACE HARDWARE VIA
DEDICATED EMBEDDING PIPELINE



ENABLES MAXIMAL PERFORMANCE
ON-EDGE IN SPACE

DEMONSTRATED ON-GROUND & IN-
SPACE

LUXEMBOURG HEADQUARTERS

LMQ

TEAM & COLLABORATIONS

TEAM OF 16 EXPERTS
IN CIVIL & DEFENCE



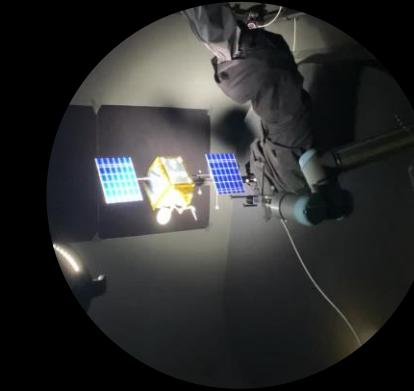
SNT



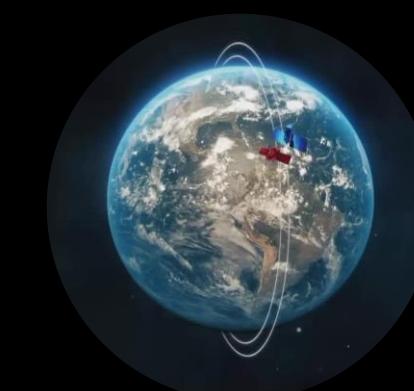
COLLABORATION WITH
LUX ECOSYSTEM

GROUND & SPACE DEMONSTRATIONS

SNT



ESTEC



SPACE

VALIDATION & ENGAGEMENT

2 CIVIL MISSIONS



4 ACTIVE DEFENCE PROGRAMMES



DEFENSIE
LA DÉFENSE



ENGAGEMENT WITH 6 MODS



UK SUBSIDIARY

TEAM & TECHNOLOGY

TEAM OF
8 EXPERTS



3 RECURRING
PRODUCTLINES



STATE OF THE
ART FACILITIES

RECOGNITION & OPPORTUNITIES

KNOWN UK SPACE SUBSIDIARY



The Science Inside



ACCESS TO
UK CIVIL & DEFENCE OPPORTUNITIES



DRAKE SSA
MISSION



RISE IOS
MISSION

FLIGHT HERITAGE

5 MISSIONS



QVS
added value solutions

Nammo

CATAPULT
Satellite Applications

UoD

POLITECNICO
DI MILANO

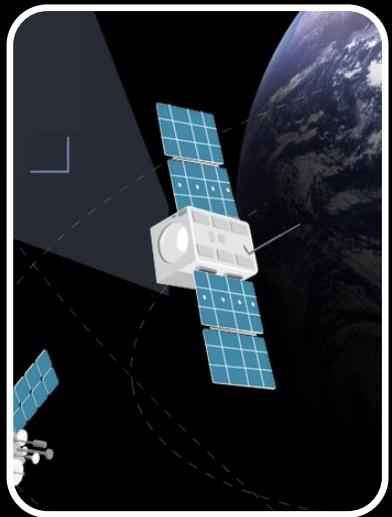
BUSINESS MODEL - B2B2C/G

3 PRODUCTLINES

LMQ

SEE
SSA

BODYGUARD
SATELLITE



€50-100
MILLION
MISSION

SSA/IOS
PAYLOAD



€3-5
MILLION
UNIT

PLAN
IOS

SSA/IOS DATASOFTWARE,
PROCESSOR



€2-3
MILLION
UNIT

ACT
PROPELLER

PROPELLER
SYSTEMS



€0.5 - 2.5
MILLION
UNIT

PROPELLER
COMPONENTS



€0.1 - 0.5
MILLION
UNIT

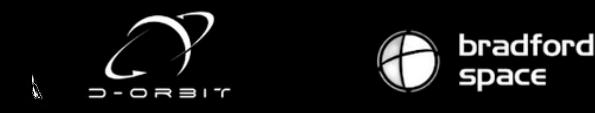
€300 MILLION / YEAR
SALES POTENTIAL

€50 MILLION / YEAR
SALES POTENTIAL

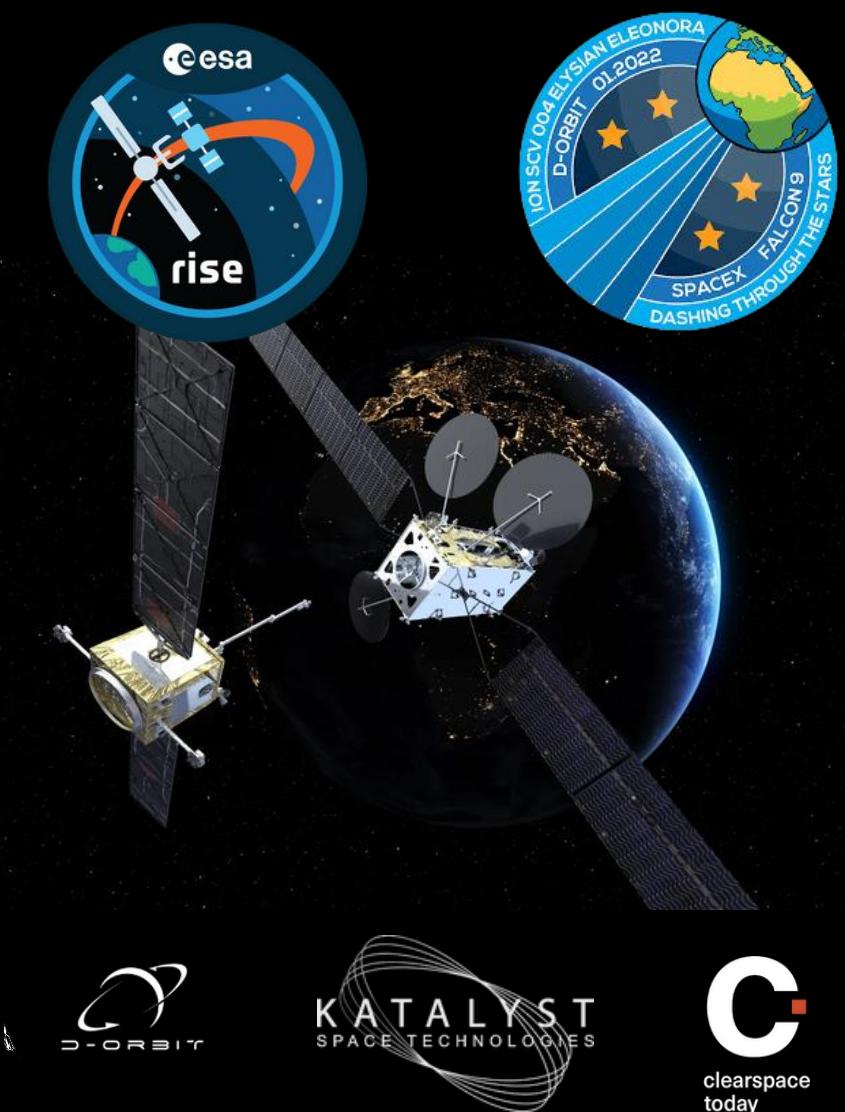
LMO WORKING CIVIL & DEFENCE

LMO

5 MISSIONS PROPULSION



2 CIVIL MISSIONS IOS/SSA
1 TO SPACE
1 IN EARLY DEVELOPMENT
2 COLLABORATION FOR FUTURE MISSIONS



5 DEFENCE PROGRAMMES
WITH FRANCE, ITALY, BELGIUM, UK, &
LUXEMBOURG & US



MINISTERO DELLA DIFESA

SOLID BACKLOG FOR COMING YEARS

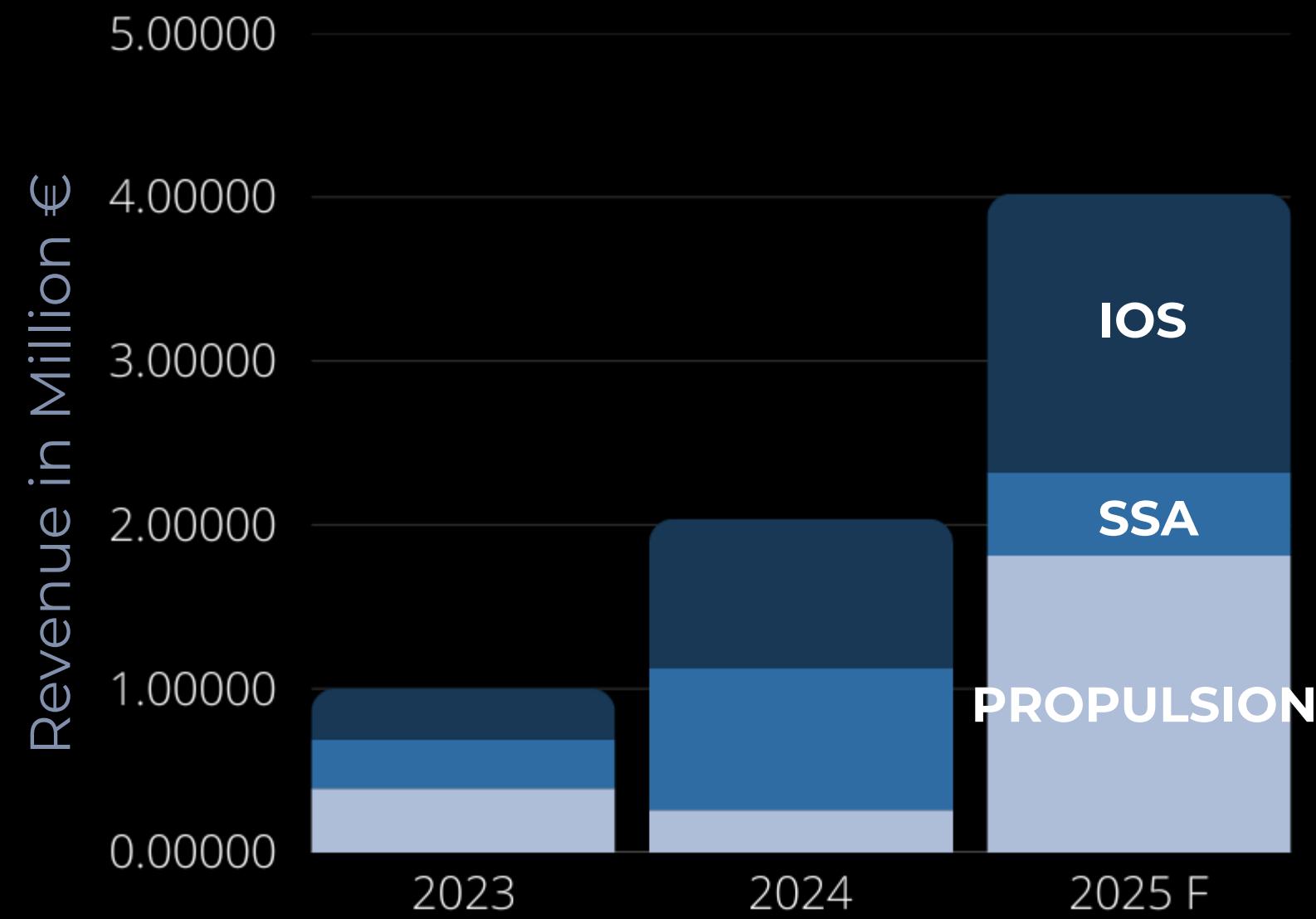


EXISTING CONTRACTS	Q1 25 CONTRACTS IN FINAL NEGOTIATIONS	COMMITTED PROGRAMME BUDGETS TO LMO
SSA € 1,392,000	SSA € 0	SSA € 2,300,000
IOS € 2,713,000	IOS € 236,000	IOS € 4,800,000
PROPULSION € 773,000	PROPULSION €1,401,000	PROPULSION €887,000
TOTAL	€ 4,878,000	€ 8,187,000

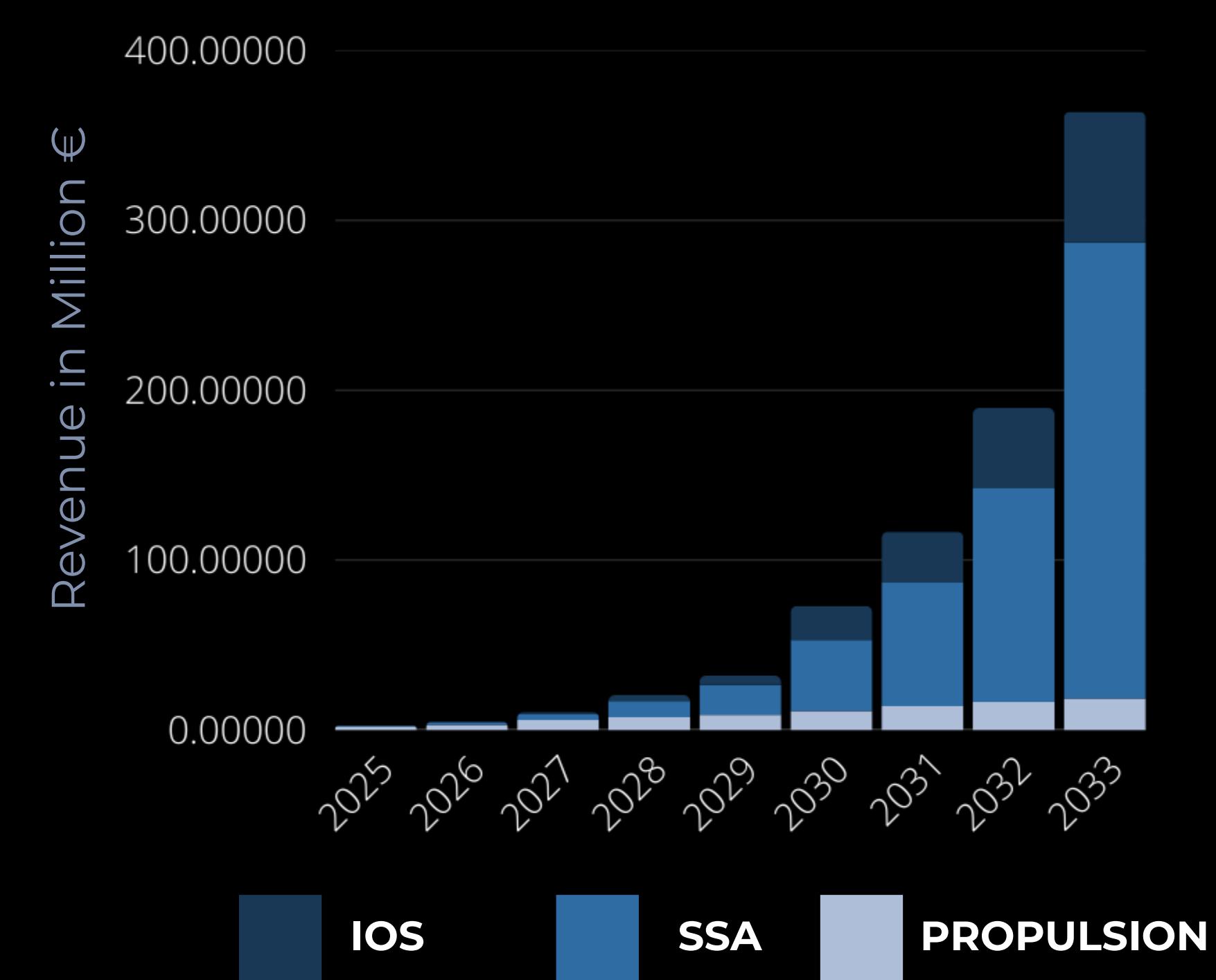
REVENUES

LMG

BASED ON ACTUALS /
CURRENT CONTRACTS



FINANCIAL
PLAN



KEY TEAM MEMBERS

LMO



MICHEL POUCET*

CEO

12 YEAR SPACE ENGINEERING
& MANAGEMENT ROLES
IN PROPULSION, SSA & IOS



MARCOS PEREZ

CTO

12 YEAR SPACE ENGINEERING
IN AOCS, PROPULSION
OPTICAL SENSOR, IOS & SSA



DAVID REGAD - FRENCH

ENGINEERING MANAGER

10 YEARS SPACE SYSTEM EXPERIENCE
ON ELECTRONICS, ROBOTICS & IOS



ADAM STAINCLIFFE - BRITISH*

SDA DELIVERY LEAD

15 YEAR ROYAL AIR FORCE
UK SPACE COMMAND SDA CAPABILITY DELIVERY



ODYSSEAS ARAPELLIS - GREEK*

TECHNICAL LEAD DEFENCE

INTELLIGENCE OFFICER GREEK MILITARY
AI, EO & SITUATIONAL AWARENESS BACKGROUND
FOR DRONES & SPACE



EUGENIO DAMBRAUSKAS - ARGENTINIAN

SENIOR PROPULSION ENGINEER

12 YEARS PROPULSION & CONTROL
SYSTEM EXPERIENCE

*NATIONAL, NATO AND/OR EU SECURITY
CLEARANCE

COMPETITION

HARDWARE COMPANIES LACK THE SOFTWARE ELEMENT

EU MARKET PRESENCE

LMO



LMO



AUTONOMY

Obruta
space solutions



US BASED COMPETITORS STRUGGLE ENTER EU WHILE LMO HAS ENTRY IN US

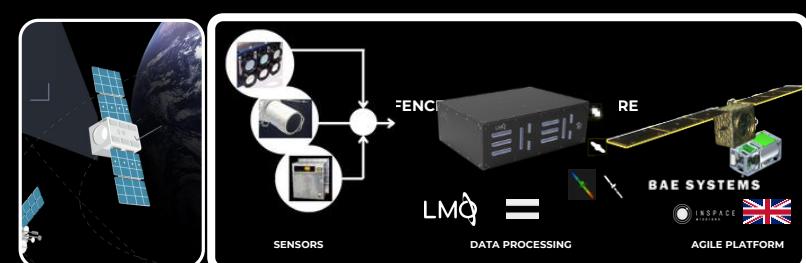
*WORK WITH LMO

UNIQUE POSITION ON 4 DEFENCE & 2 CIVIL OPPORTUNITIES IN EU, UK & US

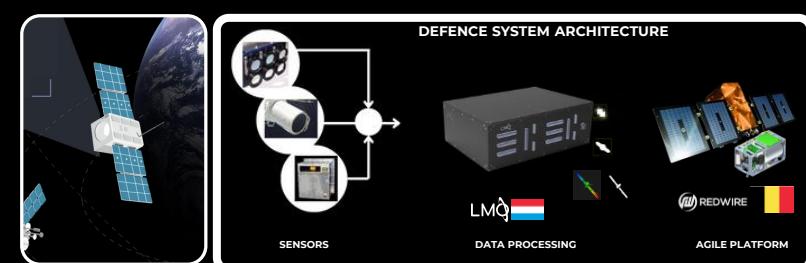


PRODUCT

SSA GEO
BODYGUARD



SSA LEO
PATROLLER



SSA LEO & GEO
ON-BOARD PROCESSING



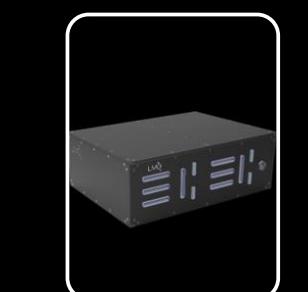
MID-NAV &
RPO SOFTWARE



MID-NAV &
RPO PAYLOAD



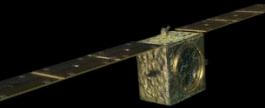
MID-NAV &
RPO PROCESSOR



ROADMAP

BAE SYSTEMS

DOWNSELECTED BIDDER
BIDDING PHASE



AUREA

DRAKE



DRAKE MISSION



AUREA

FUNDED GROUND DEMO
IN BID PREPARATION

PALADIN



DEFENSIE
LA DÉFENSE
SBSS MISSION



CONTRACT
COMPLETED

SPRING

EUROPEAN DEFENCE
PROGRAMME AWARDED

STAALION



MINISTERO
DELLA DIFESA
DGA
DIRECTION
GÉNÉRALE
DE L'ARMEMENT

LEO & GEO
SDA CAPABILITY



DIOSSA

SELECTED FOR PHASE-1A
OF MISSION

ADRIOS-1



GEA RISE MISSION



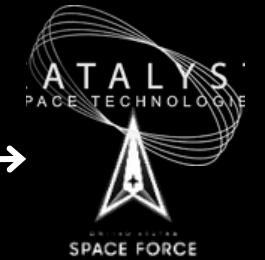
DIOSSA

CURRENTLY COLLABORATION
UNDER LUXIMPULSE

ADRIOS-2



ENCORE* MISSION



GROUND DEMO PHASE

PHASE-1

FOLLOW-ON TO FLIGHT

PHASE-2
FLIGHT



ROADMAP

BY RAISING **€25 MILLION** WE WILL BRING
THE TECHNOLOGY TO MARKET AND EXPECT
TO WIN **CIVIL & DEFENCE**



Fundraise - 2025

LMO

PRIVATE
DILUTIVE

€ 5,000,000 VC*
24 Month Runway

*LMO is in discussion with SNCI in Luxembourg and for any investor which is EIF backed LMO could get matched investment from Luxembourg SNCI LFF-2 fund.

Goals

1. Scale Team & Strengthen C-Suite

40 Employees

2. Increase BD Towards UK, Be, Fr, Lux & IT Stakeholders for Defence

Offices in Belgium (Collab Redwire) / UK (Existing)

Consultants/Partners in Italy & France

3. Further Demonstrate Capability on Ground and Rideshares

Reach TRL-6 with IOS Payload

Have working SDA Payloads

Payload Demonstration with BAE / Redwire / Aerospacelab

4. Get contracts through EDA and DRAKE (UK MOD) for further steps with Government

6 MEuro Be/Lux MOD to prepare Capability

Drake Contract by 2026

5. Continue Contracts/Revenue with Civil Customers

Clearspace / D-Orbit for ADRIOS

Propulsion Scaling

6. Prepare next Round (15-20,000,000 Euro) with SNCI & Others for AUREA

Belgium Federal Investment Fund (SFPIM)

Lux Investment Fund (SNCI)

Nato Innovation Fund

Private VC

IN 5 YEARS

THE DUAL-USE ON-EDGE AI COMPANY FOR SSA & IOS

IN-ORBIT SERVICING (IOS)

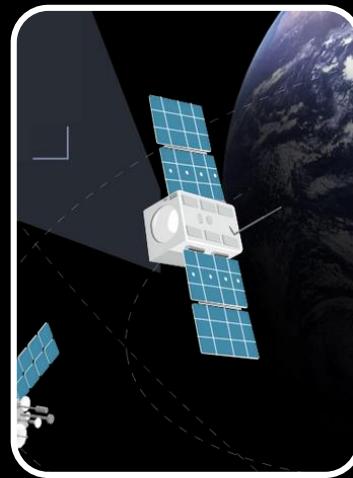
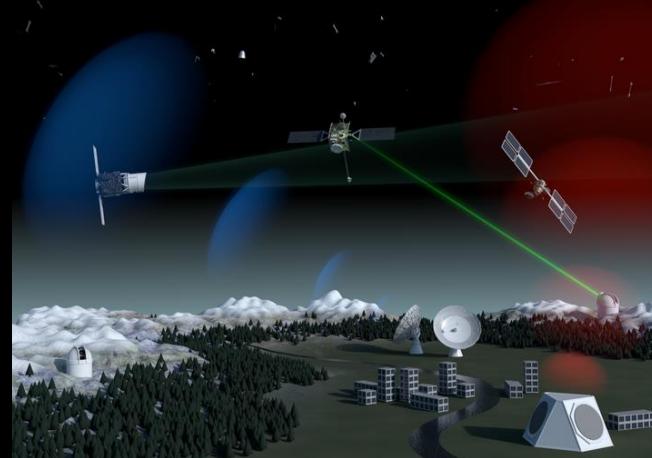


HAVE HERITAGE THANKS TO BOTH
ESA ADRIOS MISSIONS IN SPACE

#1 EU PROVIDER FOR AUTONOMOUS NAVIGATION
PAYLOADS FOR VARIOUS IN-ORBIT SERVICES FROM
LIFE EXTENSION TO REFUELING

INCORPORATE MORE SENSORS & SELF-LEARNING
ALLOWING FOR MORE COMPLEX MISSIONS &
RENDEZVOUS OF UNKNOWN OBJECTS.

SPACE SITUATIONAL AWARENESS
SPACE CONTROL (SSA)



HAVE HERITAGE THANKS
TO BELGIAN & UK DEFENCE MISSIONS IN SPACE

#1 NATO PARTNER FOR AUTONOMOUS PROTECT &
DEFEND CAPABILITIES FROM SPACE THANKS TO
PARTNERSHIPS IN ITALY, FRANCE, GERMANY, US, UK

EXPAND CURRENT CAPABILITIES WITH ELECTRONIC
WARFARE & RADIO FREQUENCY SYSTEMS

OFFER END-TO-END DEFENCE SOLUTIONS
FROM SENSOR TO OPERATIONS



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Sustainable Use
of Space

Let us keep in touch

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