

OCEAN AND ENVIRONMENTAL TECHNOLOGIES AND SERVICES

Part 1 : Ocean Focus

Wednesday 20 October
9:00 AM to 01:15 PM





Engineering SME within the **aviation** sector

Innovative solutions and services for air navigation and airspace management

Bringing **new technology** into flight operations





5 lives

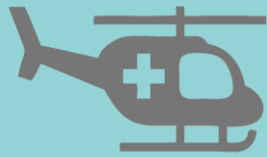


Enhance **air rescue operations** through the use of **Satellite Navigation** to people under distress or danger situation where **life is in risk**



Challenge

In bad weather conditions **people cannot get rescued**



600
flights / year
cannot be
performed to
patients in need of
urgent care



7.350.000
of profit / year
is not perceived

Many lives cannot
receive appropriate
help when needed



Opportunity

Last generation helicopter units **are fully equipped** with flying capabilities in adverse weather conditions

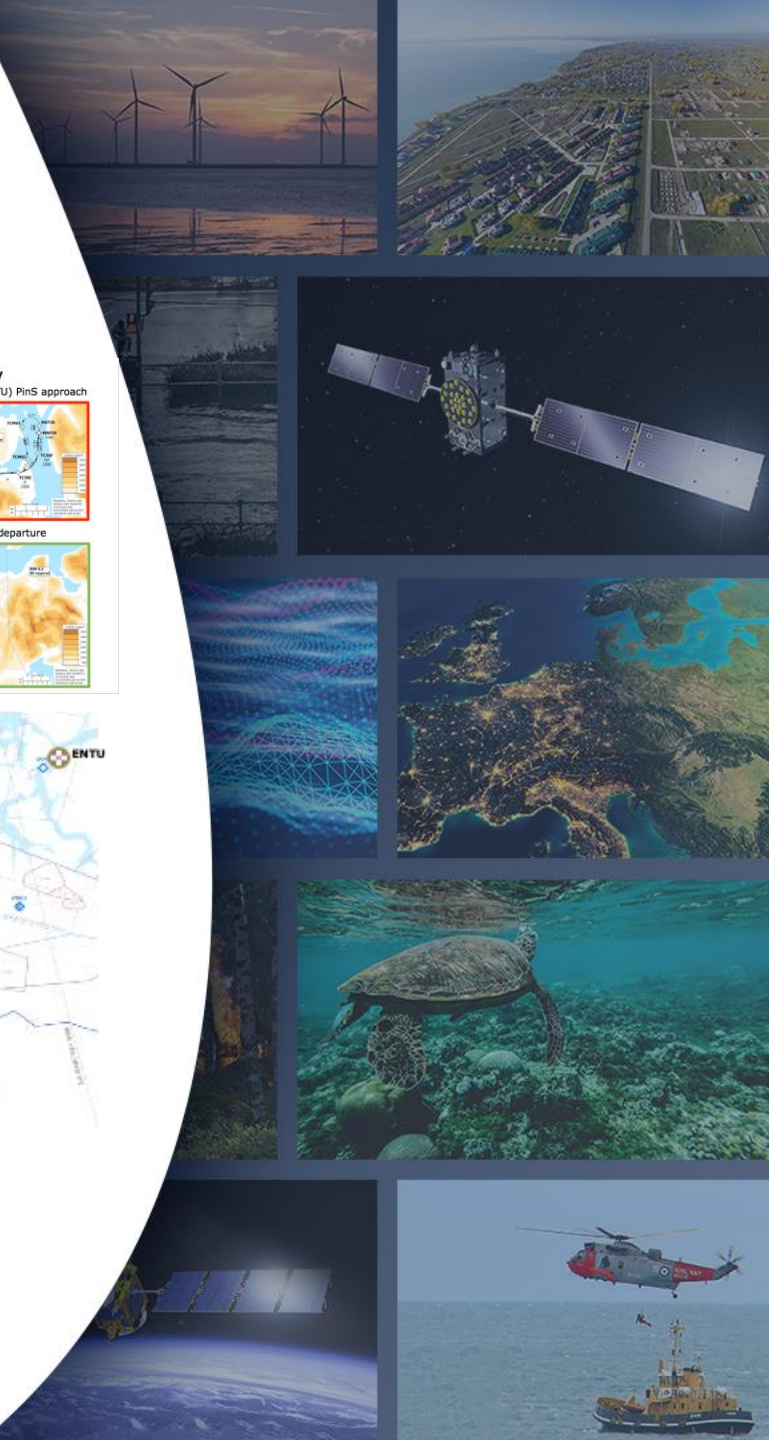
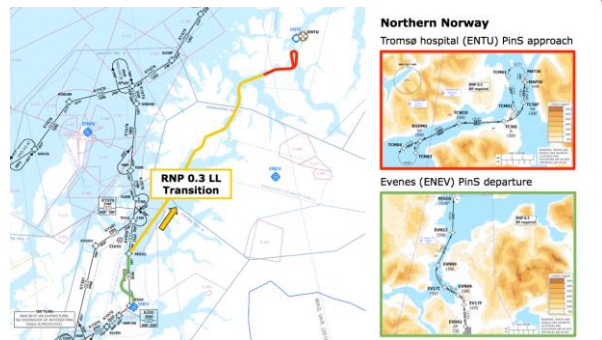


Game changer: PIONEERS

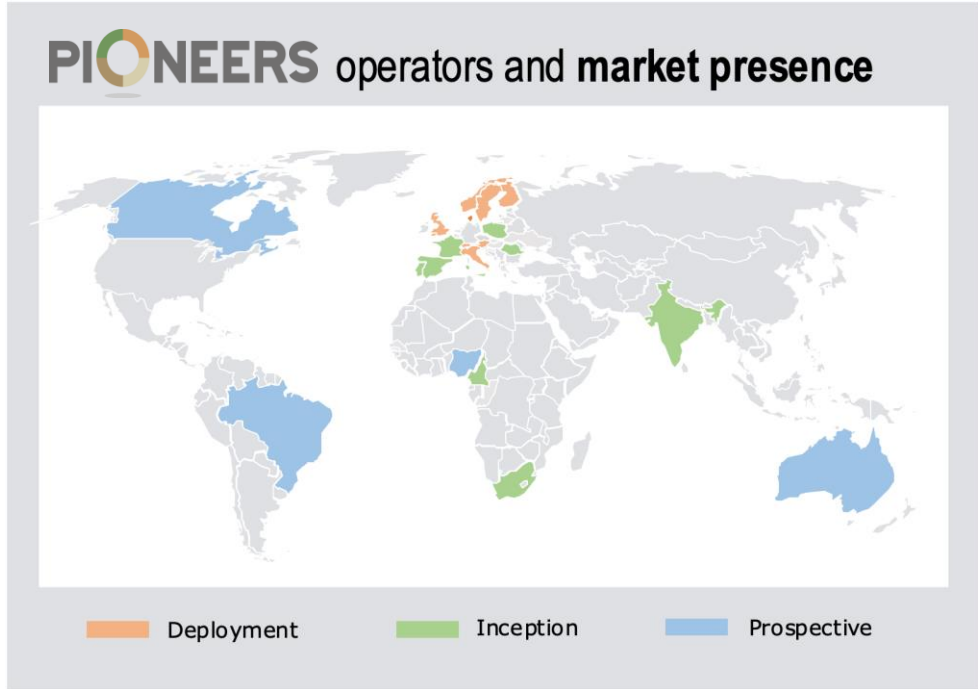
Design **Highways in the Sky** an helicopter can **fly** in any weather conditions



Successfull History



Customer File



PIONEERS

www.pildo.com

santiago.soley@pildo.com

sales@pildo.com



babcock™



HEMS



Fire-Fighting

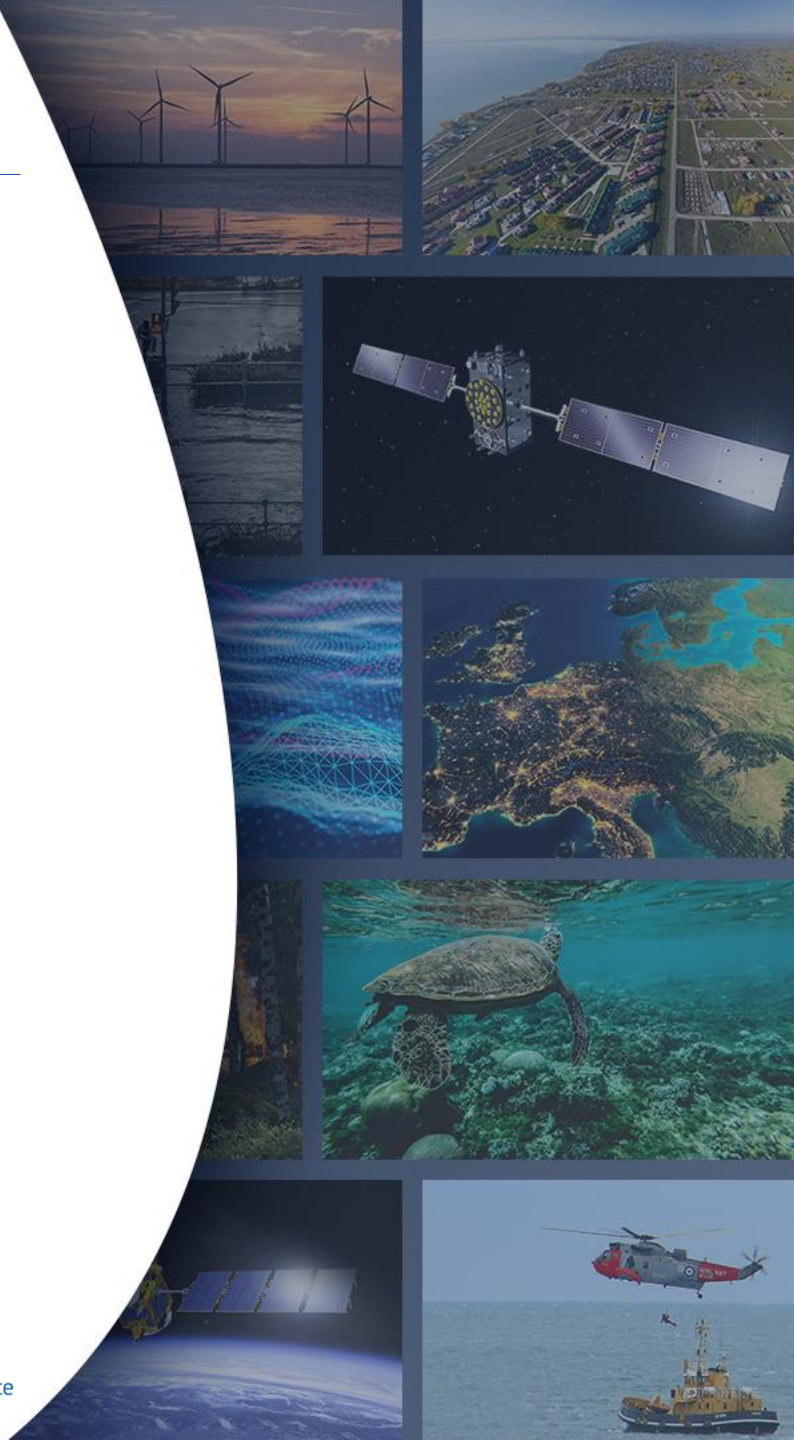


SAR



Babcock UAS Development

R&D activities towards the integration of UAS into mission critical services



HEMS UAS operations

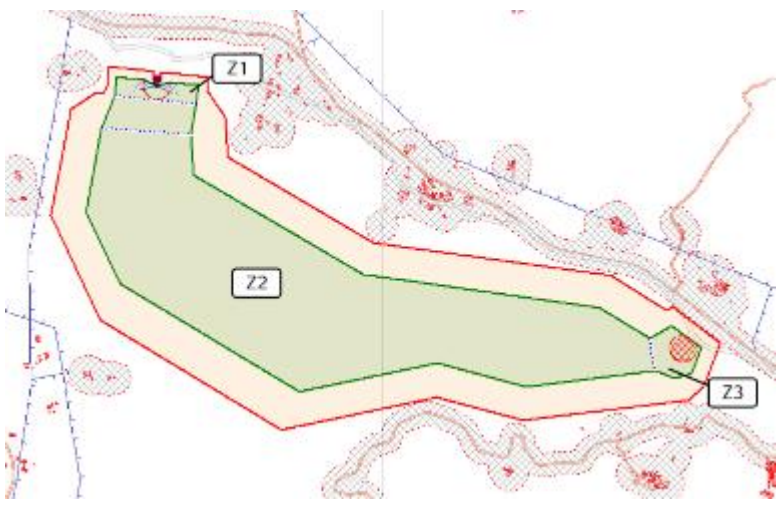
Fast-response UAS for delivery of defibrilators, urgent medicines and remote assistance for suspected cardiac arrests

Delivery of equipment and medicines to remote or isolated areas



Service-enablers

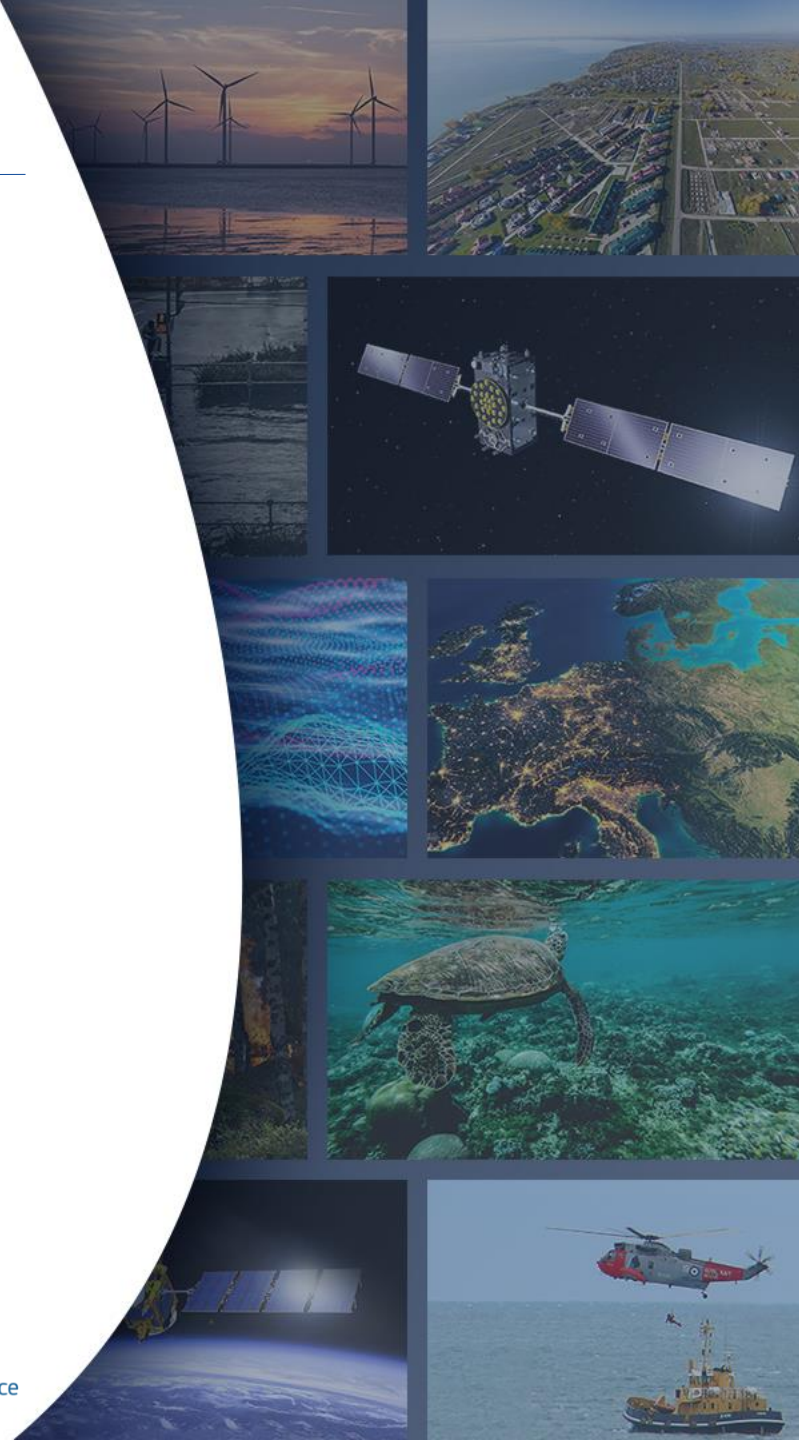
- Containment inside the approved operational volume
- Position integrity: EGNOS
- Coordination with other airspace users
- Operational procedures
- Very-low flight level: general aviation, ground risk



Use cases



- Galician Health Services Administration - Pilot operations covering areas around the Camino de Santiago (2022)
- SaCyL Health Emergency Services - Pilot operations for delivering to remote areas (2022)
- Expressions of interest - Other regions in Spain, Portugal, Scotland



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