



Energy Institute

Fugro remote & uncrewed capabilities

Agenda

Accelerating the Energy Transition towards a Sustainable World

01

Fugro overview



02

Uncrewed assets



03

Remote infrastructure



04

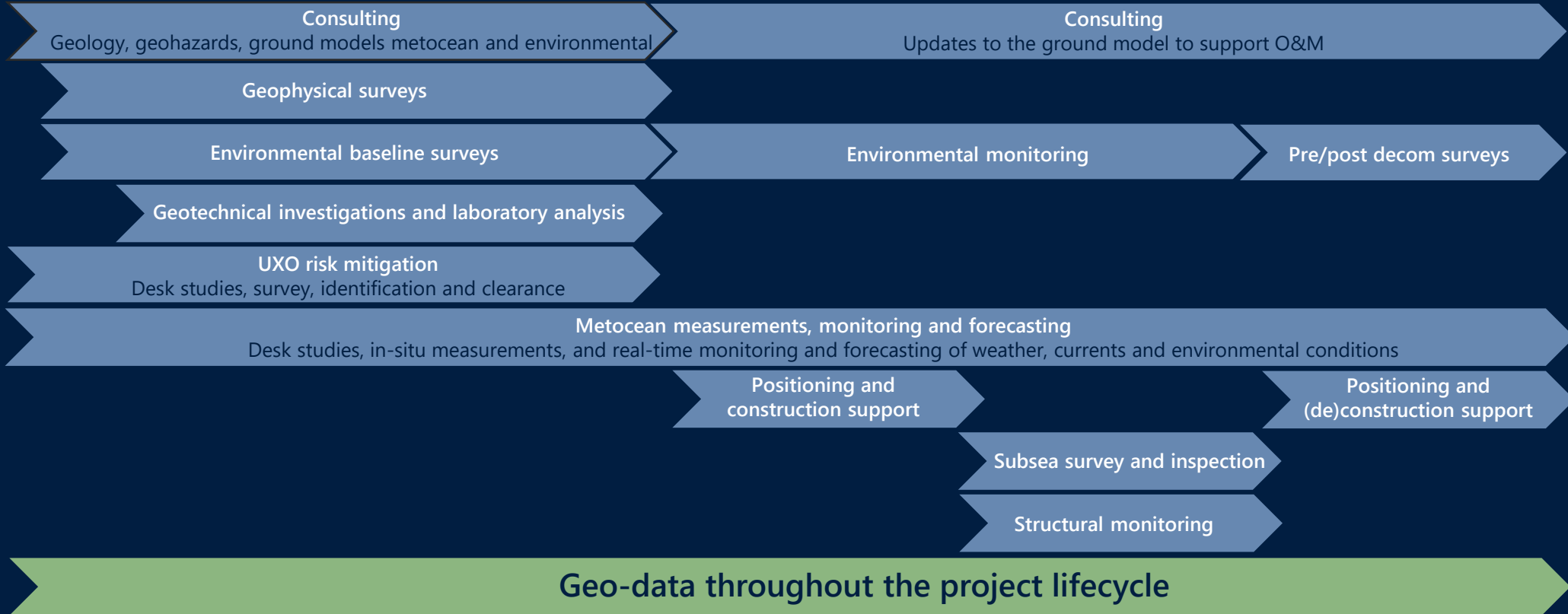
The Future



01

Fugro overview

Overview of Solutions



02

Uncrewed assets

Remote operations remit

SAFER

FASTER

SUSTAINABLE

USV Fleet for O&M

FUGRO BLUE VOLTA



FUGRO BLUE ESSENCE



FUGRO BLUE ECLIPSE



Blue Essence 12m USV Animation



Click [HERE](#) for Blue Essence animation

USV Approach - Safer

People offshore reduced
from 35 POB to **0 POB**



USV Approach - Faster

Data insights improved from
3 weeks to **3 hours**



USV Approach - Sustainable

Fuel consumption reduced from 7,000 ltr per day to **200 ltr** per day



USV with eROV payload



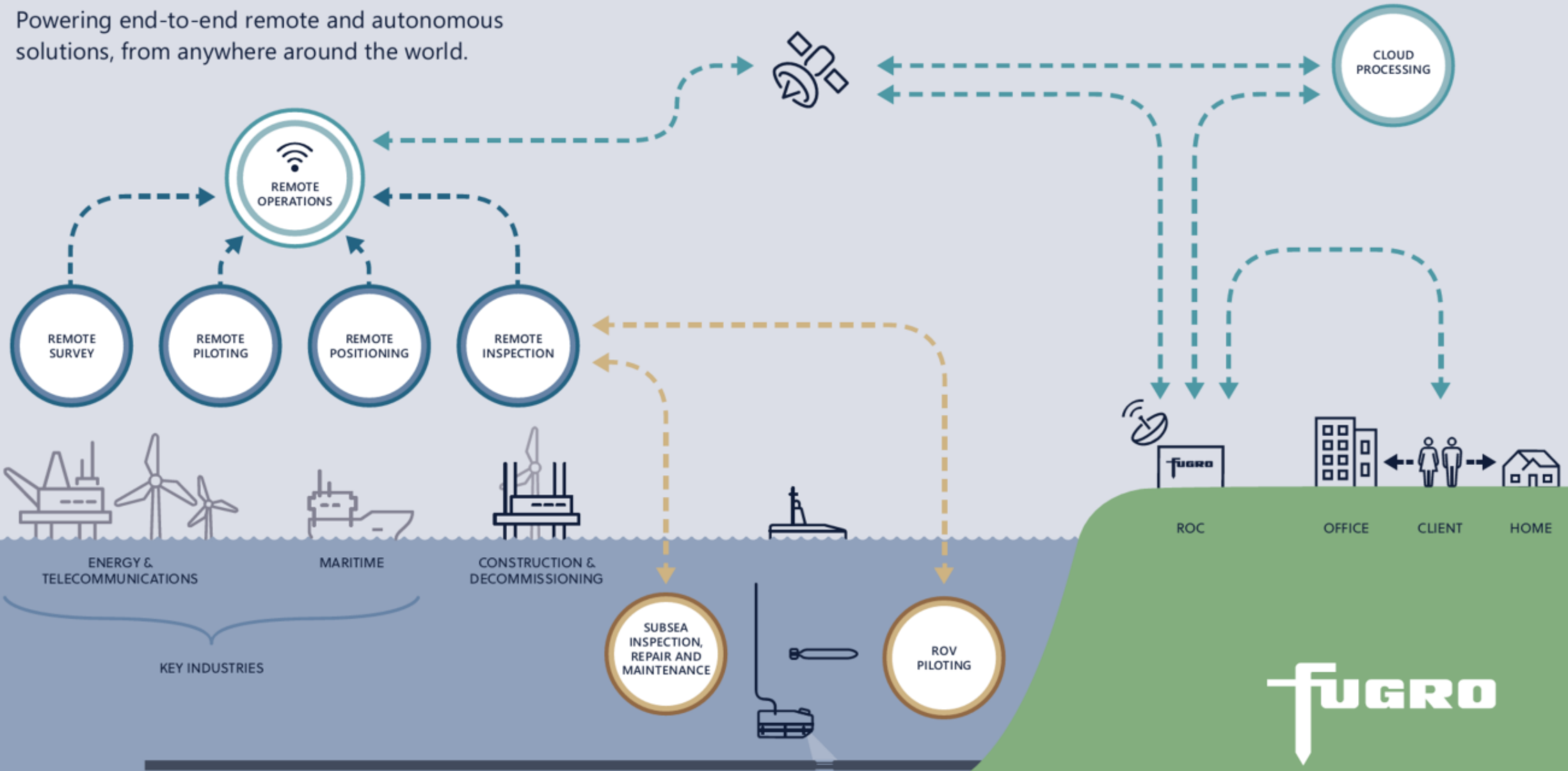
80% of the
capability for
5% of the fuel
with 0 POB

03

Remote infrastructure

REMOTE OPERATIONS CENTRES

Powering end-to-end remote and autonomous solutions, from anywhere around the world.



Remote Operations Centre Video



Click [HERE](#) for ROC Video

04

The Future

A Carbon Neutral Robotic Fleet

Contributing to a safe and liveable world



- >20 Uncrewed Surface Vessels (USVs) by 2025
- Able to acquire, analyse and advise anywhere at anytime
- 5% of the fuel usage compared to current fleet



- Industry leading Remote Operation Centre (ROC) network
- Capable of connecting our experts all over the world at anytime



- Robust communications
- Connecting people with robots around the world





Thank you

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The logo for FUGRO features a large, stylized white letter 'F' on the left. The vertical stem of the 'F' is a long, downward-pointing arrowhead. To the right of the 'F', the word 'FUGRO' is written in a bold, white, sans-serif font.

FUGRO

Unlocking Insights
from **Geo-data**