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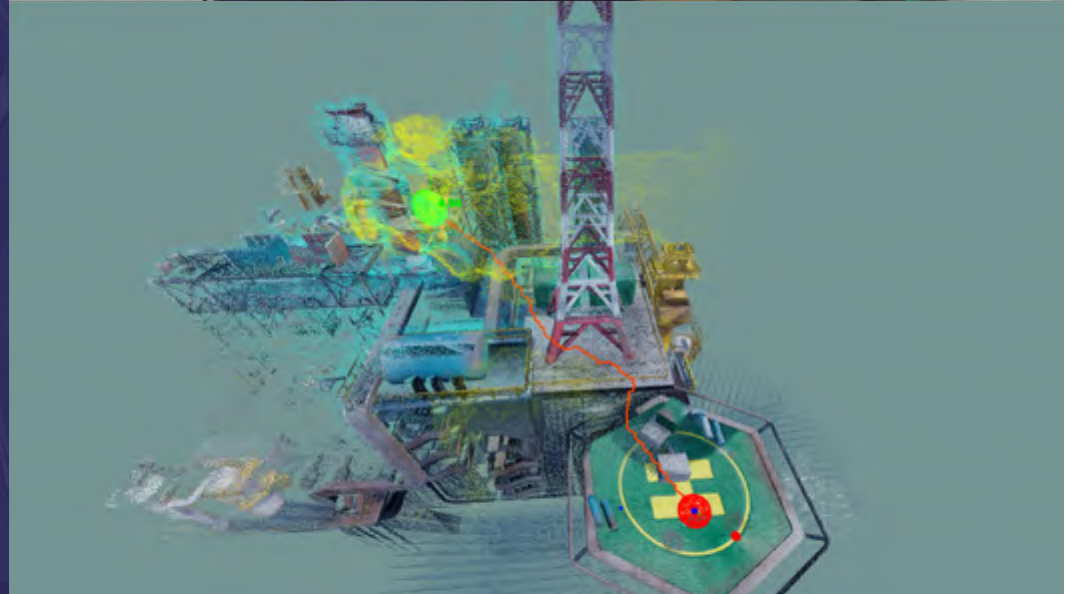
Refresher + ambitions & FF progress update

DIAG April 2021

**Initial focus: Remote
operation of complex
drone missions on
industrial sites**



**Leveraging computer
vision to ensure safe and
precise 3D machine
supported control
from BVLOS**



**Leveraging automation
& onboard machine
learning to maximise
efficiency
of data capture**



Leveraging the cloud to achieve scale and ensure safety



**Senior team ex. Arup,
Apple, CERN, McLaren,
Oracle Team USA, and
hedge funds**





Future Flight Challenge

Government funding will accelerate the development of new aviation technology, such as electric and automated planes.



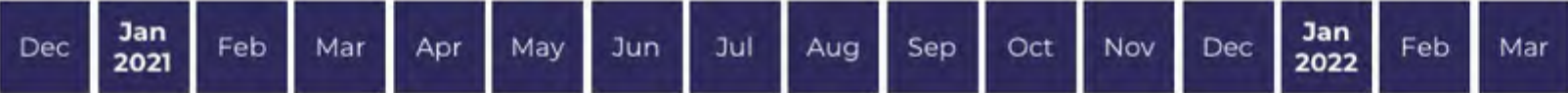
Department
for Transport

Starting in controlled industrial environments ...

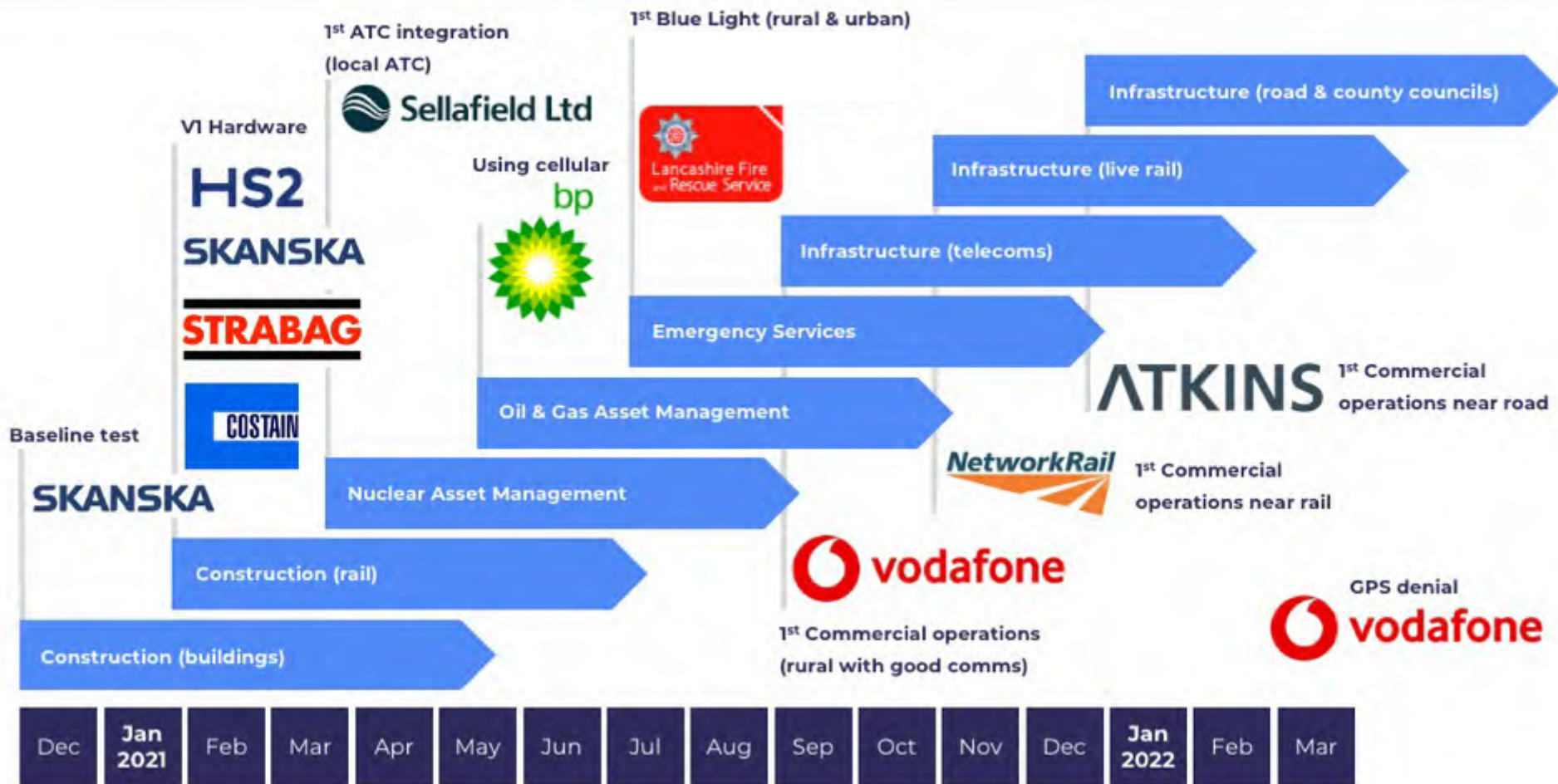
Baseline test

SKANSKA

Construction (buildings)



Validation & Verification via ten increasingly challenging tests



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NATS



BAE SYSTEMS



TerraDrone

SKY
-FUTURES



Met Office

FLOCK 



University of
BRISTOL

Smart Internet Lab

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NATS

vodafone

BAE SYSTEMS

Sellafield Ltd

SKANSKA

COSTAIN

STRABAG

Working in
partnership with

HS2

SKANSKA

ATKINS

NetworkRail

Lancashire Fire
and Rescue Service

TerraDrone

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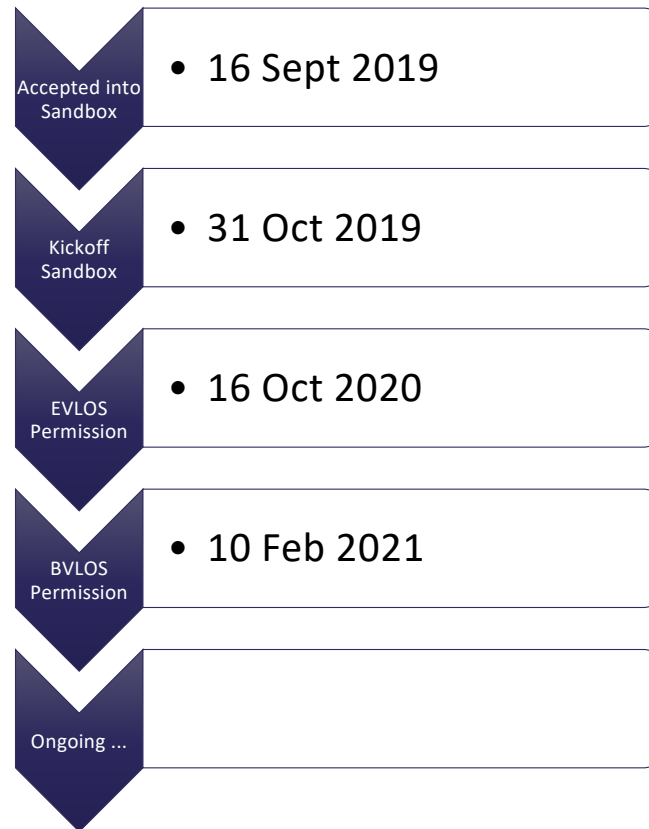
Controlling the drone from Beyond Visual Line of Sight (BVLOS)

For this test, a pilot located onsite was overall in control and responsible for safety

When comfortable, this pilot allowed a second pilot in sees.ai HQ to take over for the BVLOS test



Aviation permissions: The journey so far ...



BVLOS flights:

Routine

Non-segregated airspace

Controlled industrial environments

Specific locations

Sub 150ft

Person still required on site to assist prior to takeoff and after landing

Any questions?

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