



GRAVTECH SOLUTIONS

\$430 trillion.

Still underground.

We map it.

GravTech is making the invisible visible -
unlocking subsurface resources the world can't
currently find.

Backed by



Supported by



Operationally authorised by



PDRA01-28135



Current Technology is limiting global resource availability

CURRENT TECHNOLOGY

TOO EXPENSIVE

c.£5M PER SURVEY

TOO SLOW

>6 MONTH TO ACHIEVE USEABLE DATA

TOO UNCLEAR

LOW RESOLUTION

\$430 trillion - Still underground

CRITICAL MINERALS

Demand to increase 6× by 2040 (IEA)

OIL AND GAS

90% of upstream oil & gas investment today goes to maintaining declining fields — not finding new ones. (IEA)

WATER

40% gap between freshwater supply and demand by 2030 (UN)

INCREASING GLOBAL DEMAND



We have developed the world's first drone-native Combined Gravimeter / Gravity Gradiometer system (CG3) for high-resolution density-contrast mapping

DRONE AGNOSTIC
Commercial DJI drone



Mk2 CG3 Sensors
MVP Version

CHEAPER

No aircraft. Minimal crew.
Automated data. A fraction of the
cost of current surveys

FASTER

Data available within 12 hours of the
drone landing

CLEARER

10,000x more data points

REPEATABLE

1cm accuracy allow for repeat
flights / comparisons



Applicable in multiple use cases, applicable across multiple markets

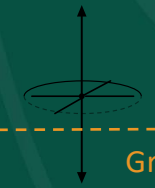


Planetary / deep space



Low Earth Orbit

CG3 Sensor



Gravity-aided navigation

Above ground metal objects/voids under cover



Size / Depth

Identification

 Karst features (e.g. sinkholes)

UK POC / COMMERCIAL POC FOCUS

Seismic risks



Pipeline leak detection



Man-made underground features

Laterite profiles (e.g. nickel, cobalt)

UXOs



Shallow hydrocarbon traps



Pegmatite bodies (e.g. lithium)



Salt diapirs / evaporite structures



Palaeochannel / karst aquifers



~300m

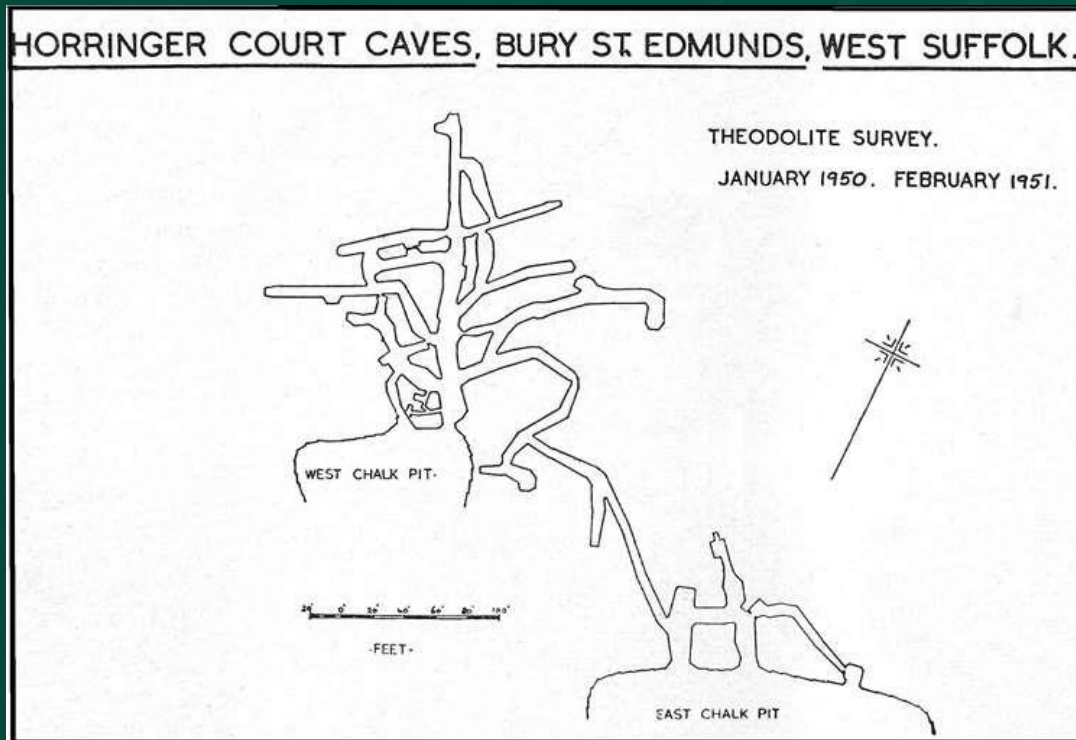
500m+

N/B. physics dictates a size x contrast x depth relationship i.e. deeper the bigger



UK POC: Delivering our first commercially viable results (TRL7) through our proprietary CG3 workflow

SUBSURFACE TARGET SELECTED



Last surveyed in 1951. Last accessed ~1970s.
Small chalk cave structure (man made)
No viable via Airbourne FTG

LOCATION IDENTIFIED



Located under wooded area
Site of Special Scientific Interest
Cave entrances geolocated



UK POC: Delivering commercially viable results (TRL7) through our proprietary CG3 workflow

GRAVTECH CG3 WORKFLOW



LiDAR survey



LiDAR Terrain Model
Provides absolute ground level
(even under foliage)



Single Flight Layer CG3 Survey
(40m)



UK POC: Delivering commercially viable results (TRL7) through our proprietary CG3 workflow

SUBSURFACE ANOMALIES IDENTIFIED



RESULT: The strongest negative feature in the mass-deficit residual map spatially coincides with the independently mapped cave structure (1950s map)

COMMERCIALY VIABLE

HIGHER RESOLUTION



Not visible by Airbourne FTG

CHEAPER



Total development costs to date ~£25K vs £5M for FTG surveys

FASTER



1 day surveying, 1 day processing

FURTHER POC RESULT IMPROVEMENTS

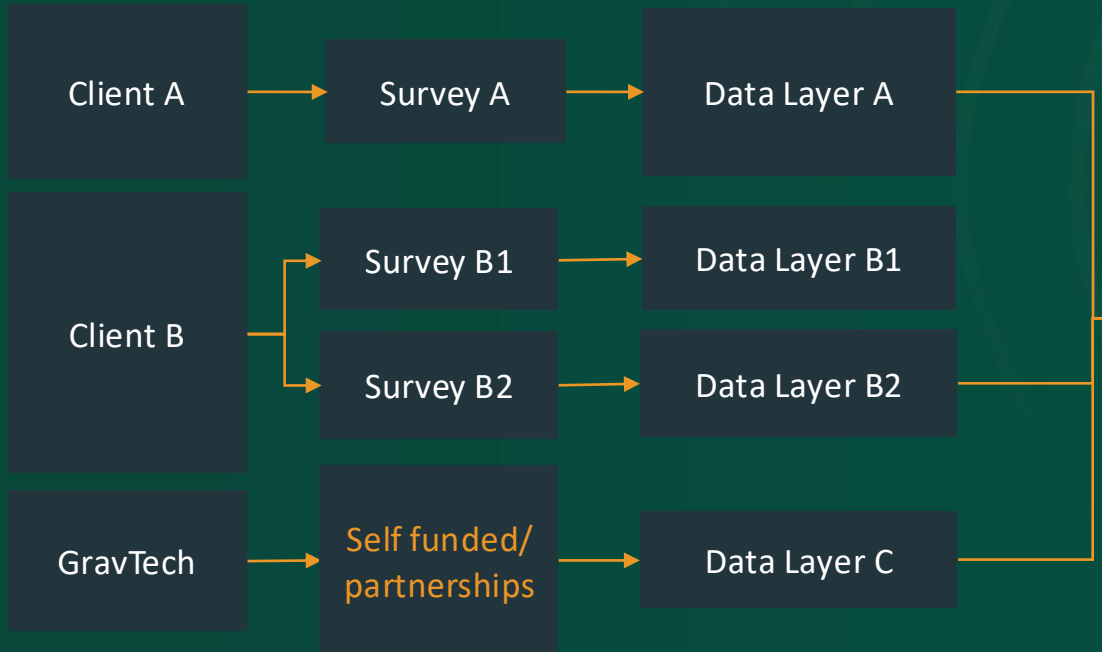
- 2nd CG3 survey flight layer (~50m)
- Gravity Gradiometry Output
- Improved accuracy of sensor (Mk3)



With recurring primary revenue and repeatable secondary revenue growth

PRIMARY REVENUE

Survey-as-a-Service
Delivering CG3 surveys to clients

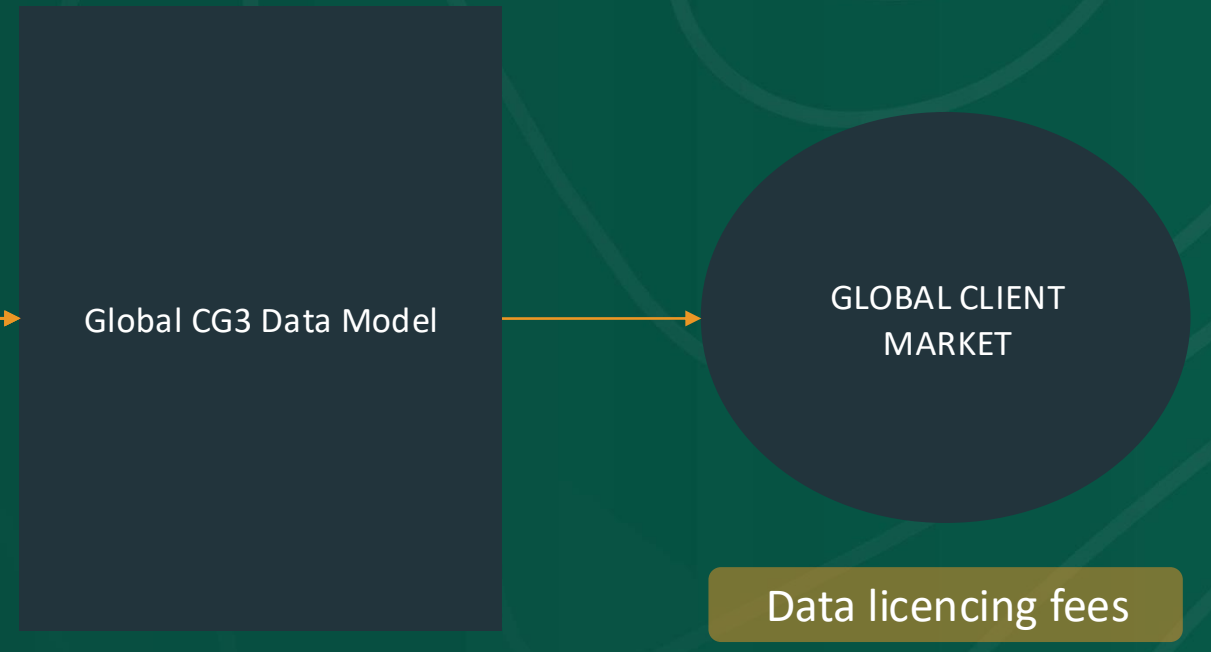


Recurring survey fees

Proprietary IP value

SECONDARY REVENUE

CG3 Data Marketplace
Providing unique licensed subsurface intelligence



Scalable, asset-light

Data licencing fees



With a minimum three-year moat on our technology

EXPERTISE

Only 3 organisations build the current Sensor Tech

Very few people have the knowledge

INNOVATION INERTIA

They are slow to innovate

FIRST MOVER

No one else is doing what we are doing

R&D

Long term development goals allows us to keep our lead

PROPRIETARY IP/ PATENTS

3 x hardware patents (in progress) and data processing trade secrets



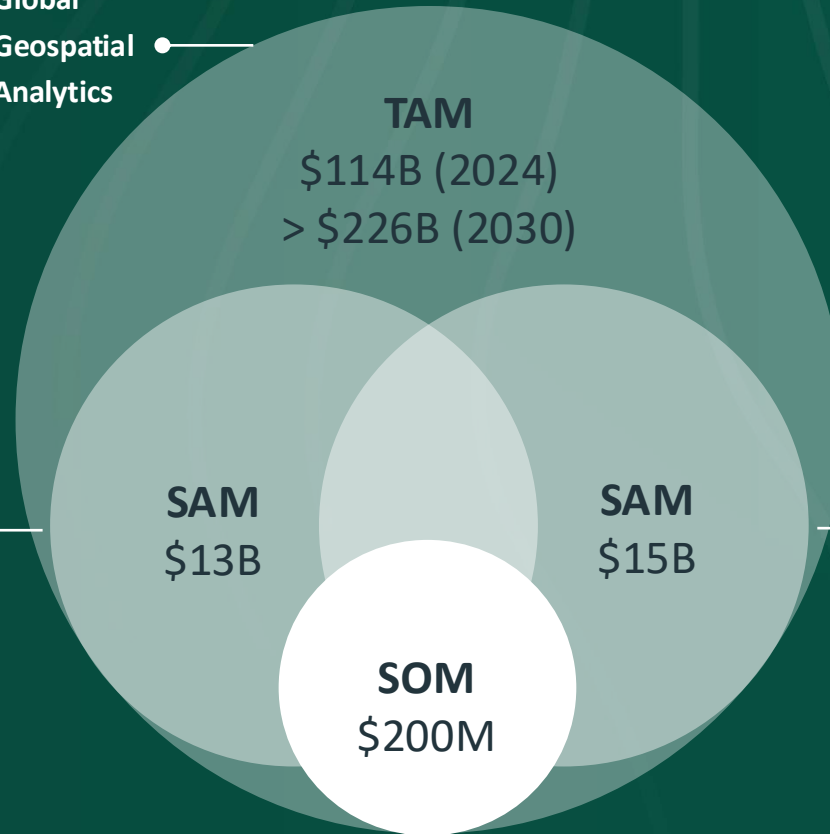
Targeting existing markets alongside opening up new ones

EXISTING MARKETS

Gravity survey market using legacy gravimeters (paying c.£5 Million per survey)



Global
Geospatial
Analytics



NEW MARKETS

unavailable to current gravity survey methods



Our \$200M SOM is a three-year beachhead across karst, critical minerals, and water — segments where CG3 drone surveying is technically superior and commercially uncontested. As fleet capacity scales post-raise, the addressable opportunity expands toward our \$28B SAM



Already with strong traction globally, with massive future potential

QUALIFIED OPPORTUNITIES

CONTRACTED INTEREST LOI

LIVE VALIDATION POC

COMMERCIAL OPPORTUNITY



Scoping
Target July '26

New Mexico site survey and onward global contracts

Pipeline monitoring
Saudi-wide aquifer identification
(10 year contract)

Target Oct '26

Surveying 11,200mi² project
(29 year contract)

Scoping

Submitted

Fire risk (\$3M pa contract) and
karst risk POC (\$300K)

Archaeological survey
(Turkey)

A team that can deliver what almost no one else can

DEVELOP



**DR. DIMITRI
GRIGORIEV**



CTO & Founder

- World class academic and technical expert in gravitational gradiometry technology.
- 21 year commercial engineering background.

DEPLOY



**NICK
WILLIAMS** MBA



COO & Founder

- 20 years of US Navy and Naval Special Warfare experience delivering large scale drone operations globally.

COMMERCIALISE



**ALEX
FRIEND** FRGS



CEO

- Numerous executive commercial and operational start up roles.
- Macquarie Capital Transaction Director (Growth Equity / VC) with 20+ portfolio companies.



Commercially viable and focused on revenue generation

FUNDRAISE TARGET

£2.5M | £15M Valuation

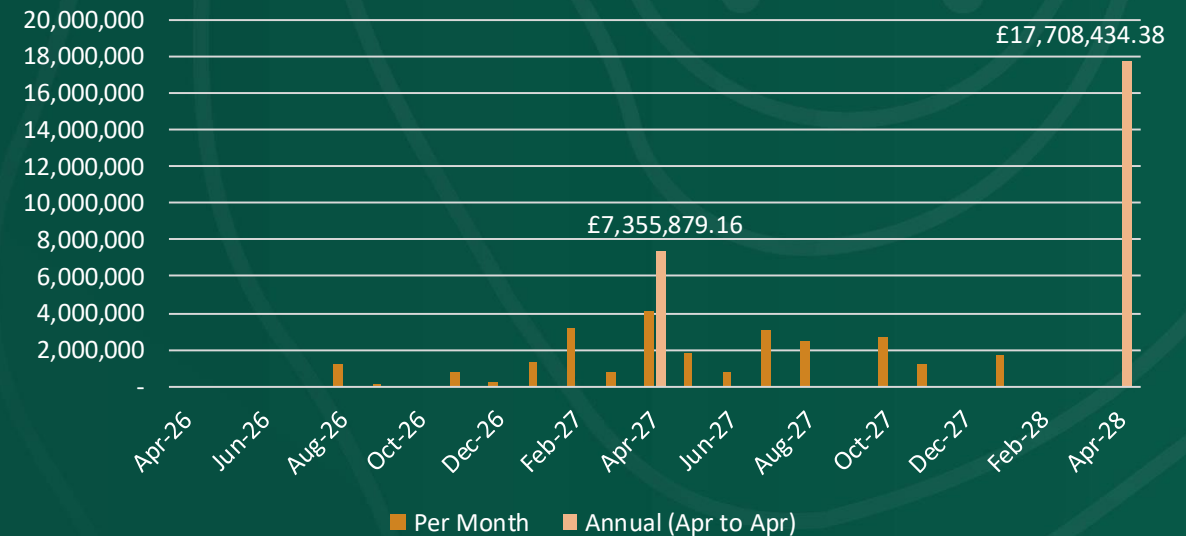
Use of funds:

- Mk3 sensor development and dedicated R&D facility (build, test, and production)
- Technology stack depth: hardware, software, data pipeline, and IP
- Key hires: Snr Geophysics, Snr Data Scientist, Production Engineer, Ops and Logistics Manager, fCFO, fCCO.
- Patent strategy: UK filing and PCT international
- US entity strategy: development and execution

Further Information:

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Revenue Forecast (£) - Survey-as-a-Service



3 POCS + 2 contracts:

- US Forestry (LiDAR)
- Chevron (POC conversion)

Additional 8 contracts (£3M per contract target):

- Intercontinental
- Archaeological Survey (Turkey)
- Boliden
- Saudi Water
- US Forestry(CG3)
- 3 x to be identified