

# PXGEO Company Presentation

Leading through innovation

June 2022



# PXGEO in brief

- *Established Q2 2021*
- *2 x 3D seismic acquisition vessels*
- *160 employees worldwide*
- *2 x OBN crews with total 10,000 nodes*
- *Proprietary node technology and extensive IP portfolio*
- *Debt-free capital structure*
- *Financial ability to grow the business*

*PXGEO is an innovative marine geophysical service provider combining the strengths of ocean bottom node and towed streamer seismic data acquisition techniques to deliver seamless subsurface imaging for a sustainable future.*

# Leveraging legacy strengths

*A known and proven service offering*



**OCEAN BOTTOM NODE (OBN)  
ACQUISITION SERVICES**

**10,000 NODES**

**PROPRIETARY TECHNOLOGY  
AND IP PORTFOLIO**

**GEOPHYSICAL SOLUTIONS**

**45,000 sq.km**  
*Ocean Bottom Node surveys*



**MARINE TOWED STREAMER  
(MTS) ACQUISITION SERVICES**

**SEISMIC DATA MANAGEMENT**

**CLIENT-ENDORSED  
MANAGEMENT SYSTEM**

**GEOPHYSICAL SOLUTIONS**

**550,000 sq.km**  
*Marine Towed Streamer surveys*

## OCEANS OF EXPERIENCE



• MTS & OBN Project experience

# Experienced & dynamic management team



**Duncan Eley, CEO**  
*20 years: Schlumberger & Polarcus*



**Hans Peter Burlid, CFO**  
*15 years: Eastern Echo & Polarcus*



**Andy Thom, CCO**  
*20 years: SubSea7, Sea Trucks & Benthic*



**Caleb Raywood**  
General Counsel & Company Secretary  
*25 years: Clyde&Co, Sea Trucks & Polarcus*



**Charlotte Siffre**  
SVP People & Communication  
*20 years: Tesco, Al Ghurair & CAFU*





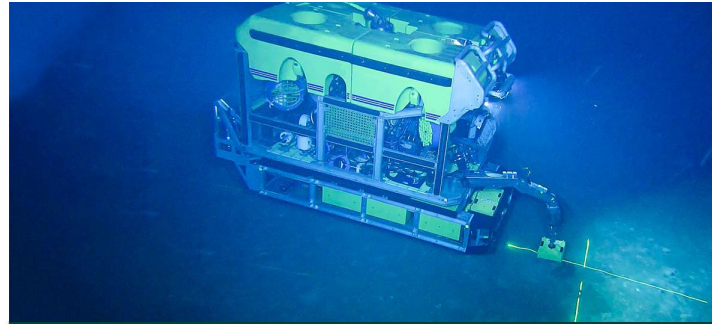
# An outstanding inaugural year

*2021 in review*



***Company launched and commenced service delivery as PXGEO on 1 May 2021***

- Long term charter of PXGEO 2
- Acquired VYACHESLAV TIKHONOV
- Secured commitment from TGS for 12 months acquisition services over a two year period
- Financed the company with 100% equity



***Acquired OBN business and ramped up MTS and OBN operations during the summer***

- Acquired the Seabed Geosolutions OBN business on 28 June 2021
- Successfully completed a 4D seismic acquisition program for an IOC in the Far East
- Poseidon OBN crew completed the Sapinhua 4D baseline acquisition for Petrobras offshore Brazil



***Delivered on operational and financial targets, providing a platform for growth***

- Commenced a 3D towed streamer project offshore Egypt for TGS in Q4
- Preparations to mobilize a second OBN crew during the second half of 2022
- Delivering strong cash flow from operations in 2021

# MTS: continuously improving efficiency



## VESSEL TECHNOLOGY

*Drag reduction initiatives  
minimizing fuel consumption*

*IMO Tier II engines  
reducing NOx and COx emissions*

*Commitment to ultra low Sulfur  
fuel*



## OPTIMIZED IN-SEA EQUIPMENT

*In-sea equipment requirement  
reduced through XArray™*

*Project specific modeling  
of in-sea equipment optimization*

*Continuous improvement of in-sea  
equipment through collaboration  
with technology providers*

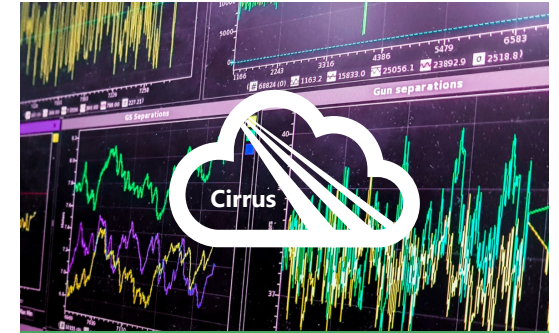


## SAFE AND EFFICIENT OPERATIONS

*Ship Energy Efficiency  
Management Plan (SEEMP)*

*Downtime and standby  
optimization through industry best  
practice operations management*

*Fuel consumption and emissions  
modeling and monitoring*



## OPTIMIZED ACQUISITION & DATA TRANSFER

*Client collaboration for optimal  
project execution plan  
and survey design*

*Satellite data transfer direct to  
Cloud for client access*

# OBN: innovating to differentiate

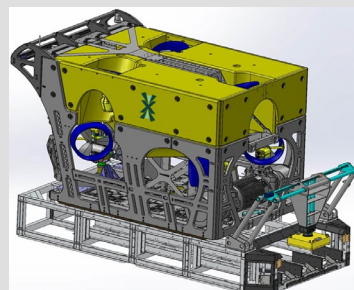


## **NODE TECHNOLOGY**

*Self-recovering nodes reducing scope of node handling vessels*

*Automated underwater vehicle (AUV) OBN providing step change in operational efficiency*

*Significant emissions reduction for OBN seismic acquisition*

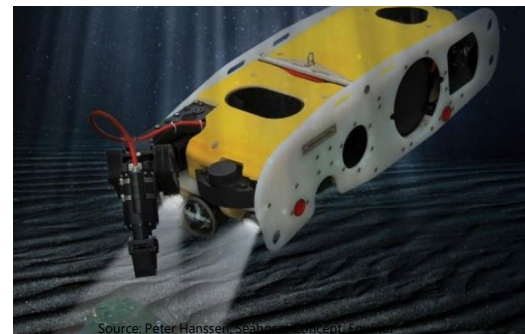


## **ENHANCED ROV TECHNOLOGY**

*Transition to multiple ROVs and automated ROV operations*

*Tether-less ROVs providing extended ROV range, speed and function*

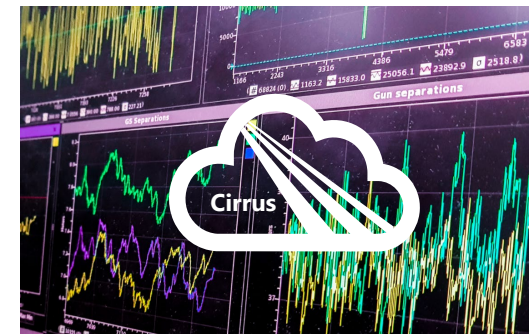
*Dramatically improved sub-sea operations reducing operational footprint*



## **AUV with ROV capabilities**

*Automated underwater vehicle with ROV capabilities, battery replacement and data up-load*

*The future of sub-sea operations*



## **OPTIMIZED ACQUISITION & DATA TRANSFER**

*Client collaboration for optimal project execution and design*

*Sub-sea data upload*

*Satellite data transfer direct to Cloud for client access*

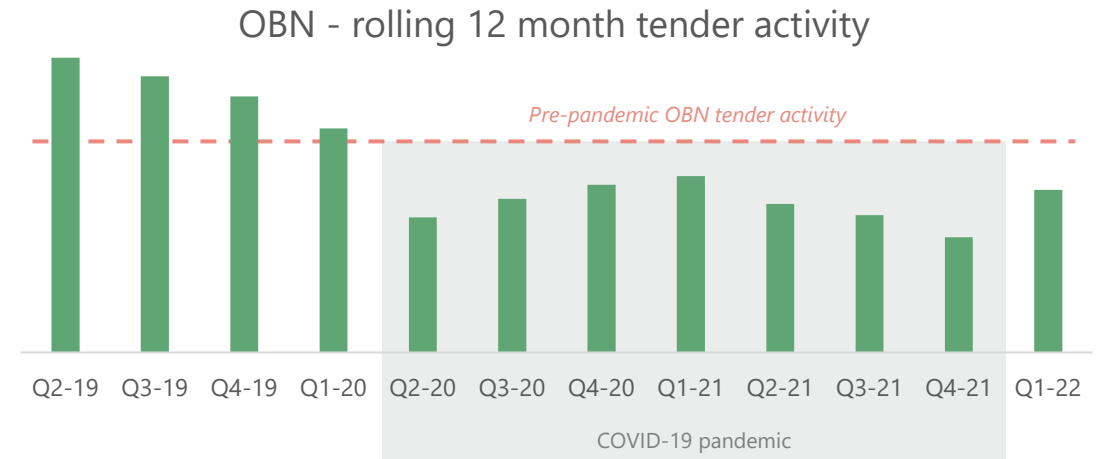


# Seismic demand increasing with OBN leading the way

*Near-term spend by clients focused on near-field / production optimization – driving OBN activity at the expense of MTS*

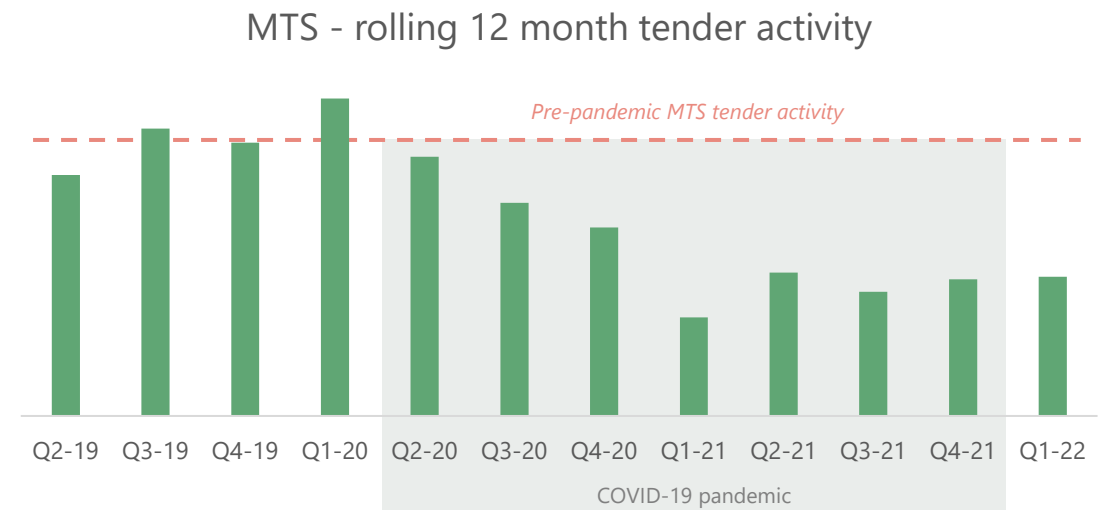
## Ocean Bottom Node (OBN)

- Brown field seismic acquisition focused on production optimization driving OBN demand
- Global active crew utilization approaching 100%
- Tender pipeline strengthening towards pre-pandemic levels



## Marine Towed Streamer (MTS)







- Greenfield/frontier seismic acquisition activity lagging, driving lower towed streamer demand
- Global active fleet utilization increasing to ~90% (summer peak)
- Tender activity remains well below pre-pandemic levels







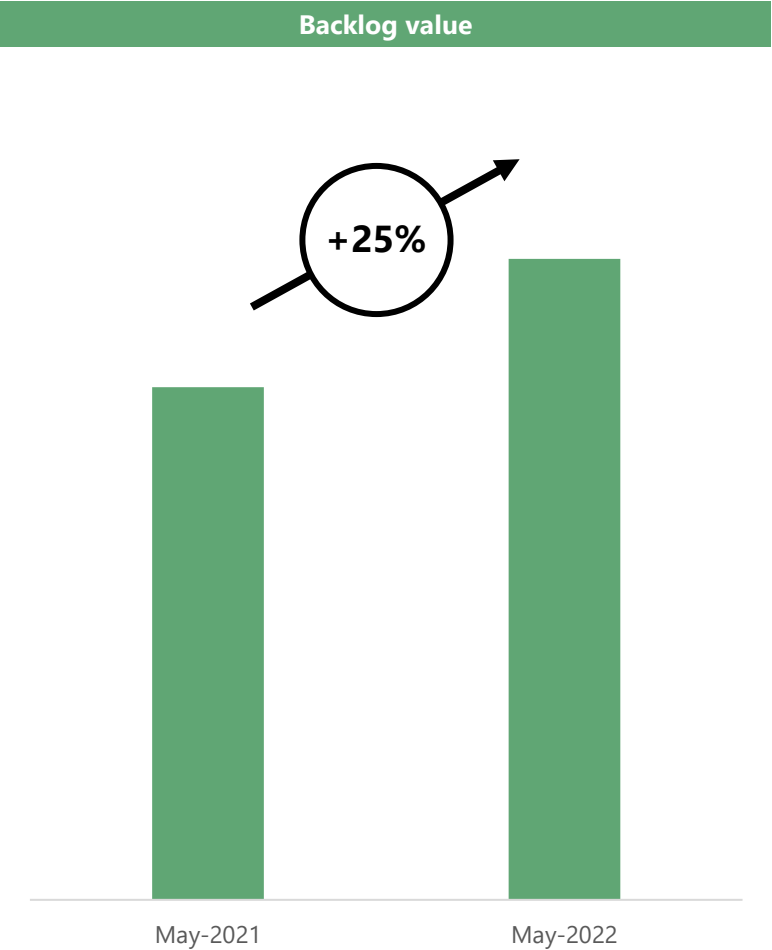


# PXGEO delivering services to top tier clients

Strong backlog of \$200m secured for acquisition in 2022-2023

2021 projects			Ongoing activity		
					
3D streamer project	4D streamer project	Node base line project	3D streamer project	Node project	Hybrid project

Backlog			
			
Node project	Node project	Node Monitor project	Commitment for services



# PXGEO in the energy transition

*PXGEO has a vision to deliver sustainable seismic solutions for the world's energy transition*

- Hydrocarbons are essential in any future energy scenario
- The challenge is to improve efficiencies and decarbonizing while meeting demand for low-cost energy
- This requires innovative solutions for optimizing production and efficient solutions for frontier exploration

## PXGEO sustainability aspirations

1

To significantly lower emissions intensity of MTS and OBN seismic data acquisition

2

To be the preferred employer in the marine seismic acquisition industry

3

To be the service provider of choice in the marine seismic industry as measured by clients, suppliers and local communities

## EXPERIENCE & APPLICATIONS

4D

Working with clients to optimize production in Brazil, West Africa and Asia Pacific

CCUS

Working with clients on strategies in Norway, Japan, UK and Australia.

DSM

Applications for other subsurface imaging including deep sea mining (DSM) projects and ocean floor mapping.



# PXGEO going forward

**Maintain a strong  
balance sheet to  
navigate volatility**

**Deliver excellence  
through world-class  
alliances**

**Increase OBN crews  
& invest in node  
inventory**

**Drive efficient low-  
cost operations  
enabled by  
digitalization**

**Leverage  
proprietary  
technology to  
optimize  
profitability**





# Q&A





# Seismic Streamer Fleet



Ships Name	PXGEO 2
Year of build	2013
Owner	SOPGC (on long term bareboat charter to PXGEO)
Flag state	Bahamas
Dimensions	100m x 24m x 7.3m draft
Seismic tow points	14
Bollard Pull	143 tons
Streamers	12 x 8100m Sercel Sentinel solid streamer
Energy source	G-Source II
Navigation system	ION ORCA system
Streamer control	DigiCOURSE / DigiFIN



Ships Name	Vyacheslav Tikhonov
Year of build	2011
Owner	PXGEO 1 Ltd
Flag state	Russia
Dimensions	84.2m x 17.0m x 6.0m draft
Seismic tow points	8
Bollard Pull	115 tons
Streamers	8 x 6000 Sercel Sentinel solid streamer
Energy source	Bolt Source II
Navigation system	ION ORCA system
Streamer control	DigiCOURSE / DigiFIN