





## **Cautionary Statement**

- This presentation contains forward looking information
- Forward looking information is based on management assumptions and analyses
- Actual experience may differ, and those differences may be material
- Forward looking information is subject to significant uncertainties and risks as they relate to events and/or circumstances in the future
- This presentation must be read in conjunction with other financial statements and the disclosures therein



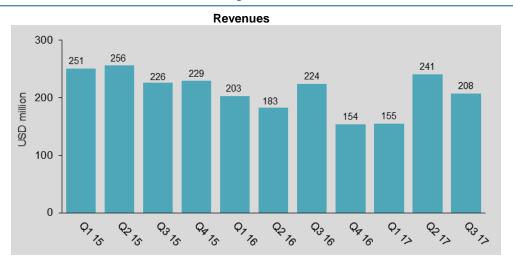
## **Q3 2017 - MultiClient Projects Drive Revenues**

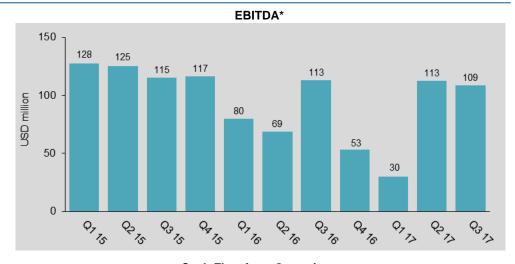


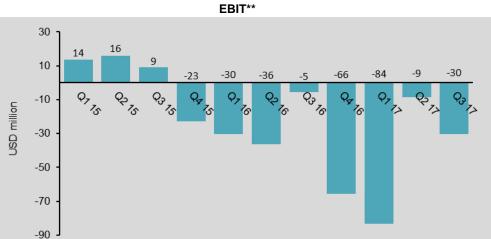
- MultiClient pre-funding revenues of USD 101.8 million in Q3 2017
  - Pre-funding level of 124%
  - Driven by GeoStreamer projects offshore Canada and in the North Sea
- Improved pricing for contract work offset by a challenging project in Asia Pacific
- EBITDA of USD 108.6 million
  - Cash flow from operations of USD 118.4 million
- Improved visibility for winter season
- Reorganizing, reducing capacity and improving flexibility for vessels and imaging in order to become cash flow positive in 2018 after debt servicing

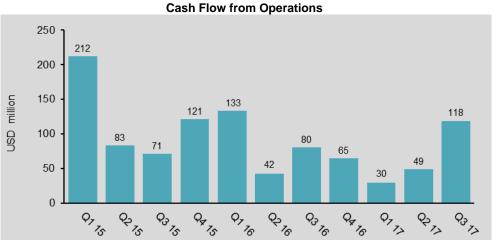


## **Financial Summary**







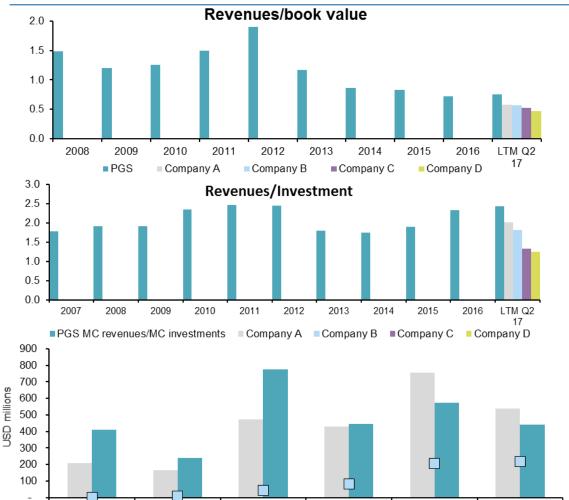


<sup>\*</sup>EBITDA, when used by the Company, means EBIT excluding Other charges, impairment and loss/gain on sale of long-term assets and depreciation and amortization.

<sup>\*\*</sup>Excluding impairments and Other charges.



## **Industry Leading MultiClient Performance**



2014

2015

Accumulated revenue

2016

NBV

WIP&2017

2012

2013

Capitalized cost

- Strong MultiClient performance vs. competitors
  - Driven by GeoStreamer, leading productivity and advanced high quality imaging
- More than 70% of revenues in Q3 from MultiClient

- MultiClient net book value of USD 566.1 million as of September 30, 2017
  - Down from USD 647.7 million at year-end 2016

## Reorganization:

## **Current Company Structure Established for Growth in 2010**



#### Marine Contract



## Marine market leadership

28%\* of 2016 revenues

Marine Contract delivers exclusive seismic surveys to oil and gas exploration and production companies

#### MultiClient



Diverse MultiClient library – Improving financial performance

62%\* of 2016 revenues

MultiClient initiates and manages seismic surveys which PGS acquires, processes, markets and sells to multiple customers on a non-exclusive basis

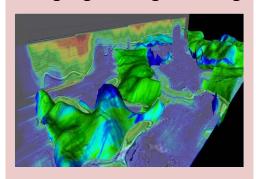
#### **Operations**



#### Productivity leadership

Operations supports Marine Contract and MultiClient with vessel resources and manages fleet renewal strategies

#### Imaging & Engineering



Technology differentiation – Rapidly becoming at par with industry best

9%\* of 2016 revenues

Imaging and Engineering processes seismic data acquired by PGS for its MultiClient library and for external clients on contract and manages research and development activities

\*Remaining 1% relates to Other revenues.

## **New Company Structure:**

## **Centralize – Simplify – Streamline Into Two Business Areas**



## Sales & Services

#### Sales

MultiClient, Contract and Imaging

#### **New Ventures**

Building new MultiClient programs and strategic positioning in new basins

#### **Imaging**

Streamlined and effective Imaging organization

# Operations & Technology

**Project Planning & Bidding** 

Servicing MultiClient & Contract sales

#### **Project Delivery**

One project execution team

#### **Seismic Acquisition & Support**

Continue efficiency improvements

Geoscience & Engineering

Differentiating technology development

- A smaller and more flexible organization to improve profitability and cash flow
- Increasing focus on sales from all product lines
- Streamlining process for handling bids
- Improving project execution
- More effective Imaging organization

#### Maintaining PGS' competitive advantages

7

## Reorganization:

## **Improving Fleet Flexibility**









**RAMFORM Tethys** 



RAMFORM Atlas



RAMFORM Titan



**RAMFORM Sterling** 



RAMFORM Sovereign



**PGS Apollo** 



SANCO Swift

- PGS intends to operate a fleet of eight 3D vessels, of which two will be used selectively
  - Address seasonal difference in demand
- Adjusting the cost base of the Company to six vessels
  - Flexibility to operate up to 8 vessels using a combination of regular and temporary crew
- Six cold-stacked\* 3D vessels
  - Well positioned to take advantage of a market recovery

## Effects from Reorganizing:

## Reducing Cost and Improving Flexibility for Vessels and Imaging





2018 gross cash cost expected to be below <u>USD 600 million</u>

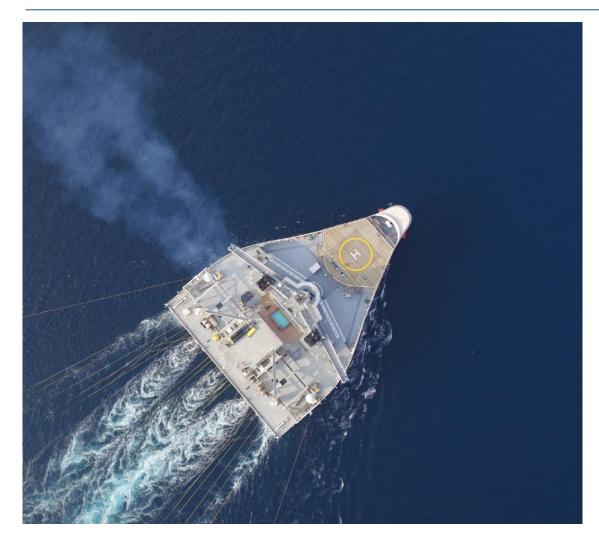
Gross cash cost reduction of at least <u>USD 100 million</u> from 2017:

- Centralizing, simplifying and streamlining the organization
- Closing smaller offices without strategic importance
- Improving fleet flexibility
- Centralizing and reducing imaging capacity
- Renegotiating with suppliers
- Other initiatives
- Near-term revenue generating capacity practically unchanged from full year 2017
- Strong focus on keeping CAPEX at minimum levels
- Restructuring cost estimated to approximately USD 40-50 million and expected to be recorded mainly in Q4

Cash flow positive after debt servicing assuming 2018 market flat vs. 2017





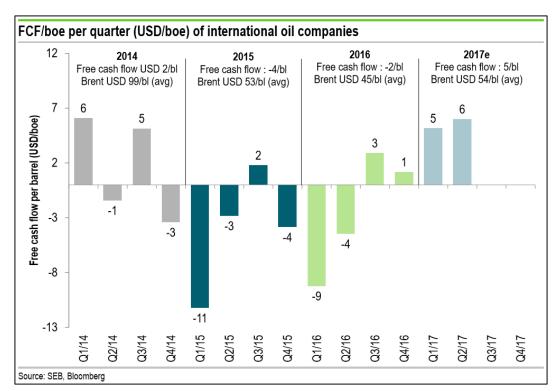


- Improved cash flow among oil companies combined with limitations on streamer availability will benefit seismic market fundamentals longer-term
- Continued risk related to timing of a market recovery
- Increased seasonal variations as geographic areas of operations for winter activity have shrunk, while North Atlantic summer season activity is more resilient

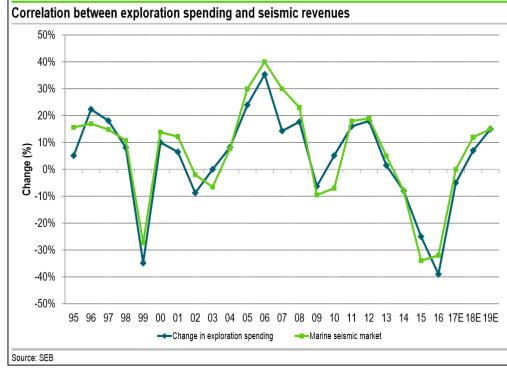




Free cash flow for international E&P companies significantly improved

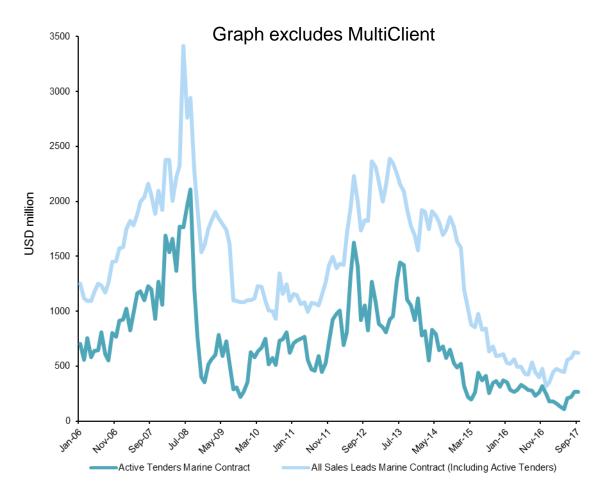


 Recent analysis predict increased exploration spending





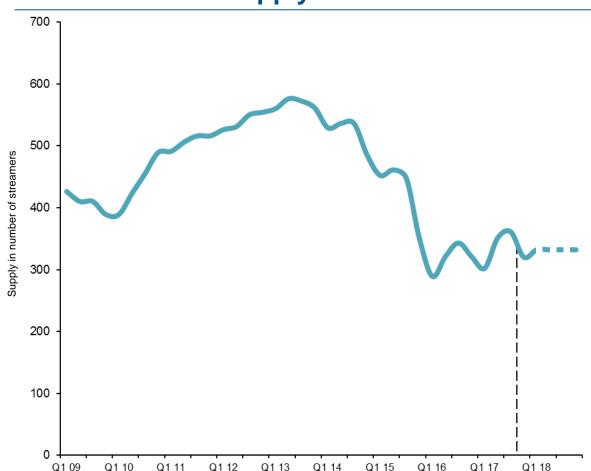




- Encouraging contract leads development
- Seismic demand primarily driven by:
  - Positioning for strategically important license rounds
  - Seismic commitments in E&P licenses
  - Significant increase in production seismic, especially in North Sea, West Africa and Brazil

## **Marine Seismic Supply**





 Average streamer capacity in 2017 is approximately 40% lower than average streamer capacity in 2013

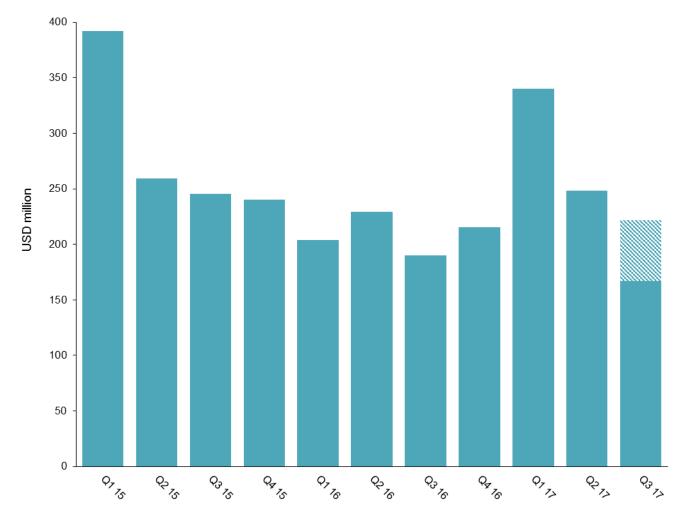
 2017/2018 winter season capacity expected to be reduced by approximately 10% vs. 2017 summer season

Low industry maintenance capex cause global streamer pool to shrink

Source: PGS internal estimates.



#### **Order Book**



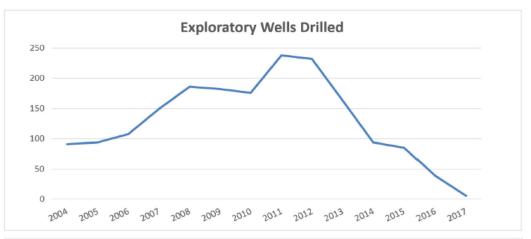
- Order book of USD 167 million by end Q3 2017
- Secured USD ~55 million of work in October
- Vessel booking based on eight vessels\*
  - ~70% booked for Q4 2017
  - ~40% booked for Q1 2018
  - ~10% booked for Q2 2018
- Expect to book six vessels for all of Q1 2018
  - Remaining two vessels will be used selectively

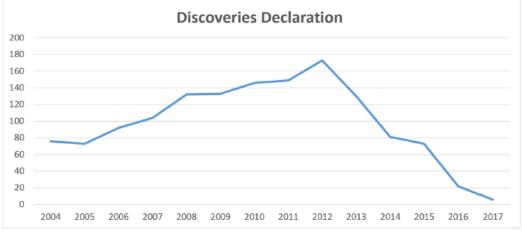
<sup>\*</sup>As of October 23, 2017 based on 8 vessels and excluding cold-stacked vessels.



## **Brazil – Statistical Backdrop from ANP**

Source graphs: ANP

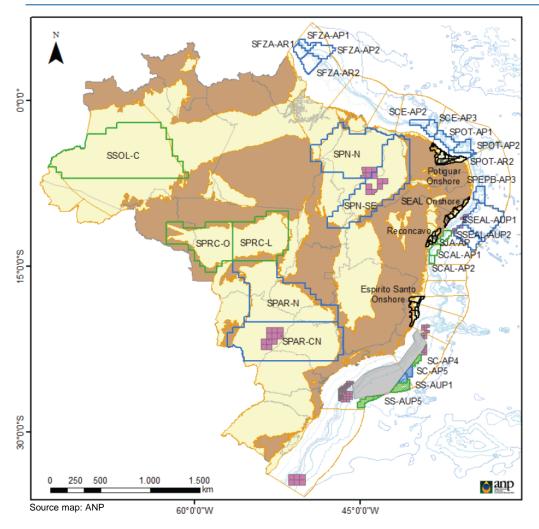




\* Up to 08/06/2017



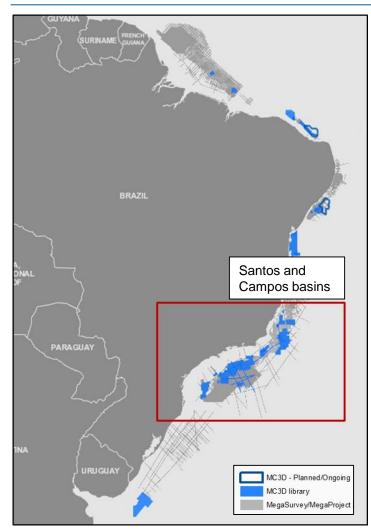
## **Brazil – Scope for Strong Recovery of Seismic Activity**

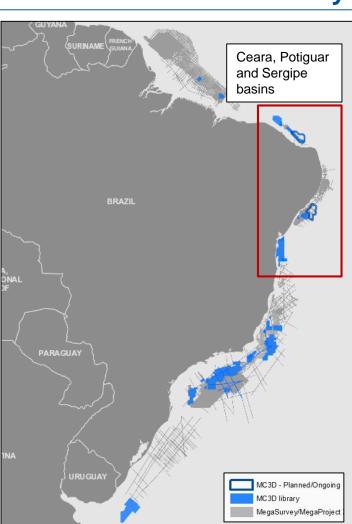


- The National Energy Policy Council (CNPE) has approved a bidding round calendar for 2017-2019
  - 14<sup>th</sup> bid round September 27<sup>th</sup> 2017
  - 2<sup>nd</sup> and 3<sup>rd</sup> pre-salt license round 27<sup>th</sup> October
- May 2018: 15<sup>th</sup> bid round and 4<sup>th</sup> pre-salt license round
  - 5<sup>th</sup> pre-salt license round TBD
- Q3 2019: 16<sup>th</sup> bid round and 6<sup>th</sup> pre-salt round
- REPETRO regulations extended until 2040
- Established a new and less stringent local content policy
- International companies can now operate blocks in the pre-salt polygon



## **PGS Well Positioned for Increased Interest and Activity in Brazil**

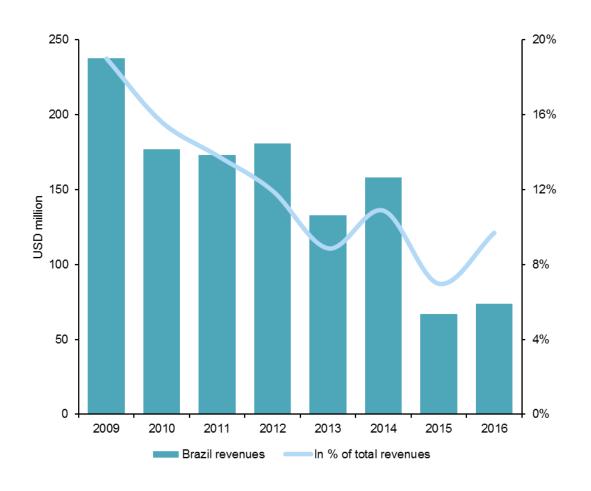




- PGS has been active in Brazil since 1995
- Well positioned in most of the key basins offshore Brazil
- PGS MultiClient library covers ~130 000 sq.km 3D data
  - Of which ~ 20 000 sq.km covered with GeoStreamer data
- MegaSurvey coverage of ~
   145 000 sq.km



## **Brazil - Significant Upside Potential From Renewed Oil Company Interest**



- PGS and seismic industry business volumes in Brazil have been depressed over recent years
- Improved regulatory environment and visibility have spurred a noticeable positive shift in interest from international oil companies
- MultiClient late sales in Brazil improving significantly from levels seen in 2015/16
- PGS has just commenced a large MultiClient survey in the Potiguar basin with Ramform Tethys



## **Consolidated Statements of Cash Flows Summary**

	Q3	Q3
USD million	2017	2016
Cash provided by operating activities	118.4	80.4
Investment in MultiClient library	(82.0)	(63.0)
Capital expenditures	(9.3)	(10.9)
Other investing activities	(8.7)	(2.4)
Net cash flow before financing activities	18.4	4.1
Financing activities	(47.6)	23.4
Net increase (decr.) in cash and cash equiv.	(29.1)	27.6
Cash and cash equiv. at beginning of period	53.3	49.7
Cash and cash equiv. at end of period	24.2	77.3

Nine months	Nine months
2017	2016
197.8	256.2
(159.4)	(153.1)
(134.0)	(192.3)
9.1	(102.6)
(86.5)	(191.8)
48.9	187.4
(37.5)	(4.3)
61.7	81.6
24.2	77.3

Full year	
2016	
320.9	
(201.0)	)
(218.2)	)
(109.5)	)
(207.8)	)
187.9	
(19.9)	)
81.6	
61.7	

- Cash flow from operating activities of USD 118.4 million in Q3 2017
  - Reduction of working capital from receiving payments from sales made in the second half of the previous quarter
- Financing activities include a USD 25 million reduction of drawing on the Revolving Credit Facility as well as USD 13.2 million of scheduled repayments on Export Credit Facility loans



## **Balance Sheet Key Numbers**

	September 30	September 30
USD million	2017	2016
Total assets	2,644.3	2,988.5
MultiClient Library	566.1	682.1
Shareholders' equity	1,077.1	1,285.7
Cash and cash equivalents (unrestricted)	24.2	77.3
Restricted cash	114.7	100.2
Liquidity reserve	224.2	417.3
Gross interest bearing debt	1,252.1	1,386.1
Net interest bearing debt	1,113.2	1,208.6

December 31		
2016		
2,817.0		
647.7		
1,359.4		
61.7		
101.0		
271.7		
1,191.4		
1,029.7		

- Liquidity reserve of USD 224.2 million
- Total leverage ratio of 4.32:1 as of September 30, 2017, compared to 4.39:1 as of June 30, 2017
- Shareholders' equity at 41% of total assets





Long-term Credit Lines and Interest Bearing Debt	Nominal Amount as of September 30, 2017	Total Credit Line	Financial Covenants
USD 400.0 million Term Loan ("TLB"), Libor (minimum 0.75%) + 250 basis points, due 2021	USD 386.0 million		None, but incurrence test: total leverage ratio ≤ 3.00x*
Revolving credit facility ("RCF"), due 2020 Libor + margin of 325-625 bps (linked to TLR) + utilization fee	USD 200.0 million	USD 400.0** million	Maintenance covenant: total leverage ratio 5.25x Q3-17, 4.75x Q4-17, 4.25x Q1-18, thereafter reduced by 0.25x each quarter to 2.75x by Q3-19
Japanese ECF, 12 year with semi-annual instalments. 50% fixed/ 50% floating interest rate	USD 428.1 million		None, but incurrence test for loan 3&4: Total leverage ratio ≤ 3.00x* and Interest coverage ratio ≥ 2.0x*
December 2020 Senior Notes, coupon of 7.375%	USD 212.0 million		None, but incurrence test: Interest coverage ratio ≥ 2.0x*
December 2018 Senior Notes, coupon of 7.375%	USD 26.0 million		None

<sup>\*</sup>Carve out for drawings under ECF and RCF

<sup>\*\*</sup>Reducing to USD 350 million in September 2018.

#### In Conclusion:

## Solid MultiClient Performance - Improving PGS Competitive Position





- Solid MultiClient pre-funding revenues with a high prefunding level
- Strong order intake in October improves visibility for winter season
  - Competitive contract bidding environment
- Encouraging bid pipeline for 2018
- In process of reorganizing, reducing capacity and improving flexibility for vessels and imaging to achieve:
  - 2018 gross cash cost reduction of at least USD 100 million
  - Cash flow positive after debt servicing assuming 2018 market flat vs. 2017



