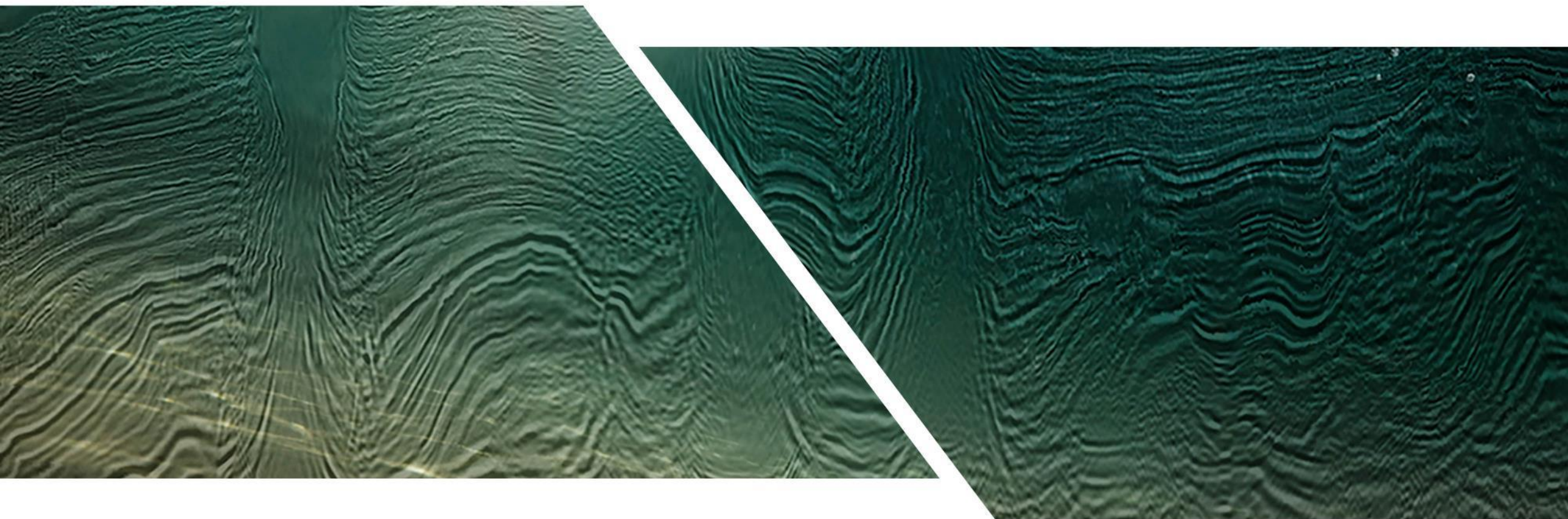




Company Presentations – March 2019



Forward-Looking Statements

All statements in this presentation other than statements of historical fact, are forward-looking statements, which are subject to a number of risks, uncertainties, and assumptions that are difficult to predict and are based upon assumptions as to future events that may not prove accurate. These factors include TGS' reliance on a cyclical industry and principal customers, TGS' ability to continue to expand markets for licensing of data, and TGS' ability to acquire and process data products at costs commensurate with profitability. Actual results may differ materially from those expected or projected in the forward-looking statements. TGS undertakes no responsibility or obligation to update or alter forward-looking statements for any reason.



About TGS

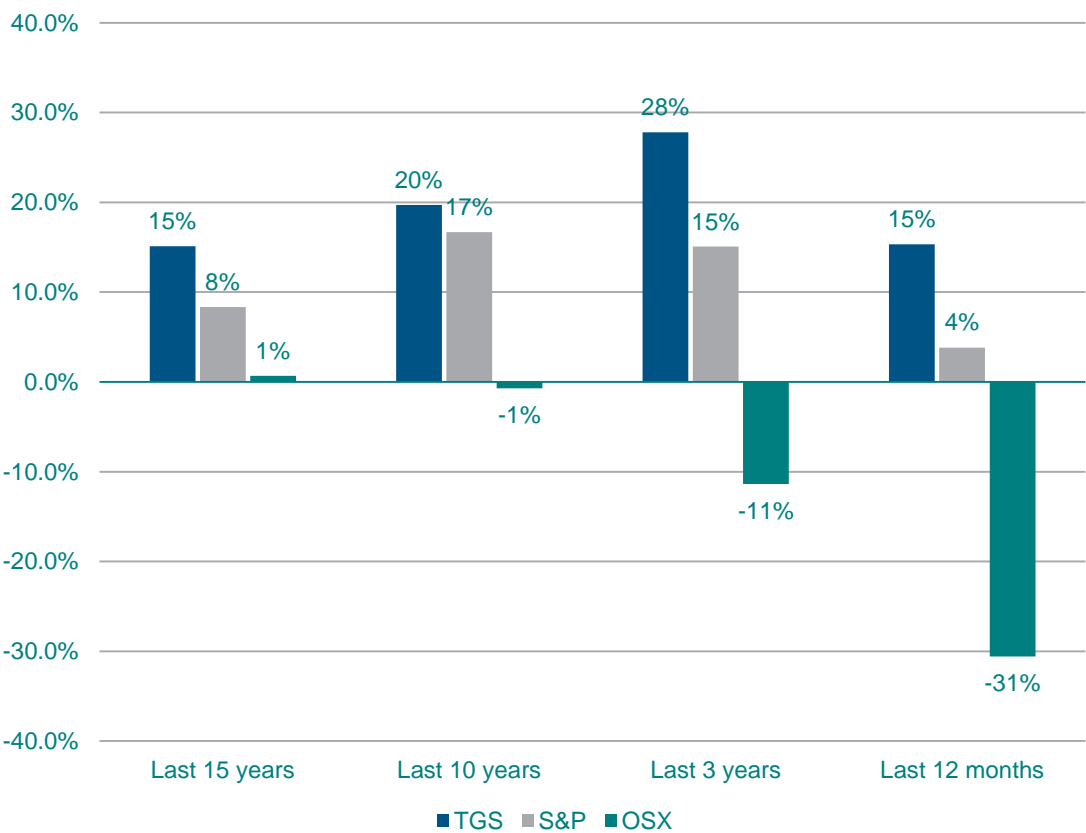
This is TGS

- The worlds largest geoscience data company
- Asset light – multi-client business model
- Global multi-client data library covering frontier & mature basins
- Main offices: Oslo and Houston
- Regional offices: London, Perth, Calgary, Singapore
Mexico City and Rio de Janeiro
- ~600 onshore employees plus 200-1000 contracted fieldworkers
- Traded on Oslo Stock Exchange, part of OBX Index
- Market Cap: ~\$2.9 billion

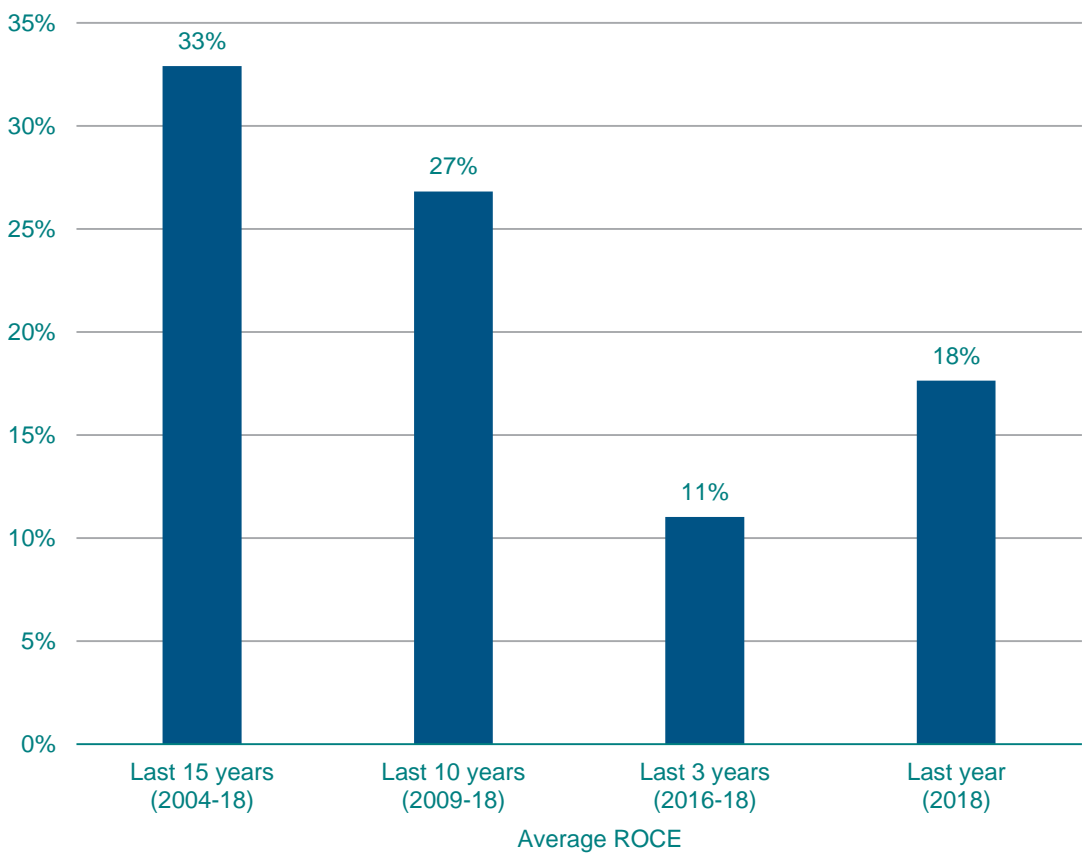


Superior value creation over time

Annual Total Shareholder Return



Return on Capital Employed

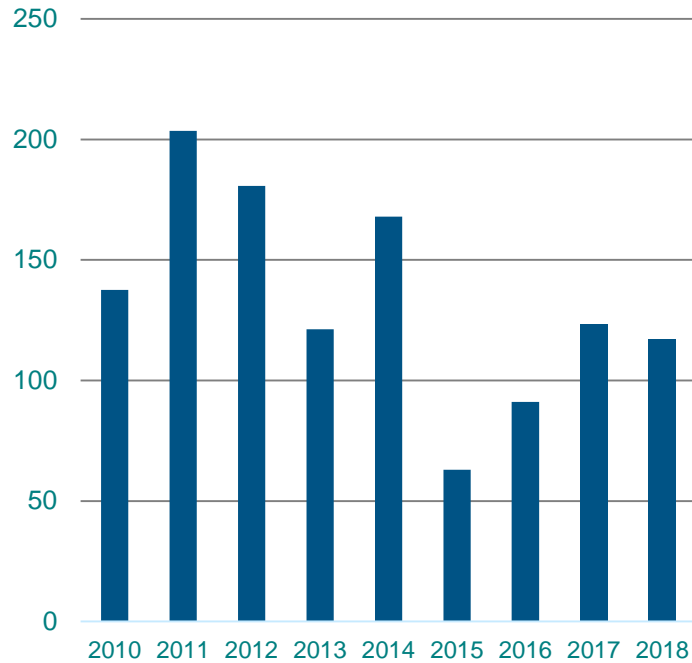


As of 27 Feb 2019
Source: Capital IQ, Bloomberg



Cash flow and strong balance sheet allow for continued dividends

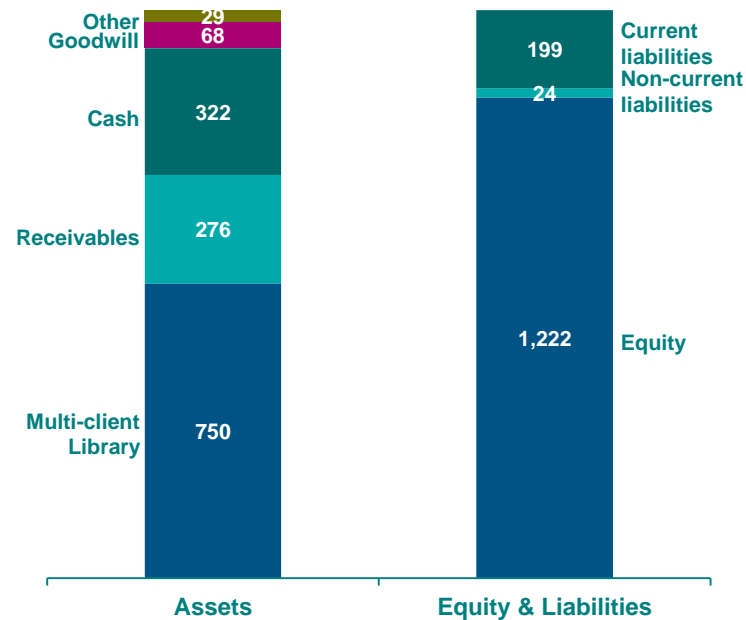
Free Cash Flow*



* Cash flow from operational activities minus cash investments in multi-client projects

- Demonstrated ability to generate healthy cash flow

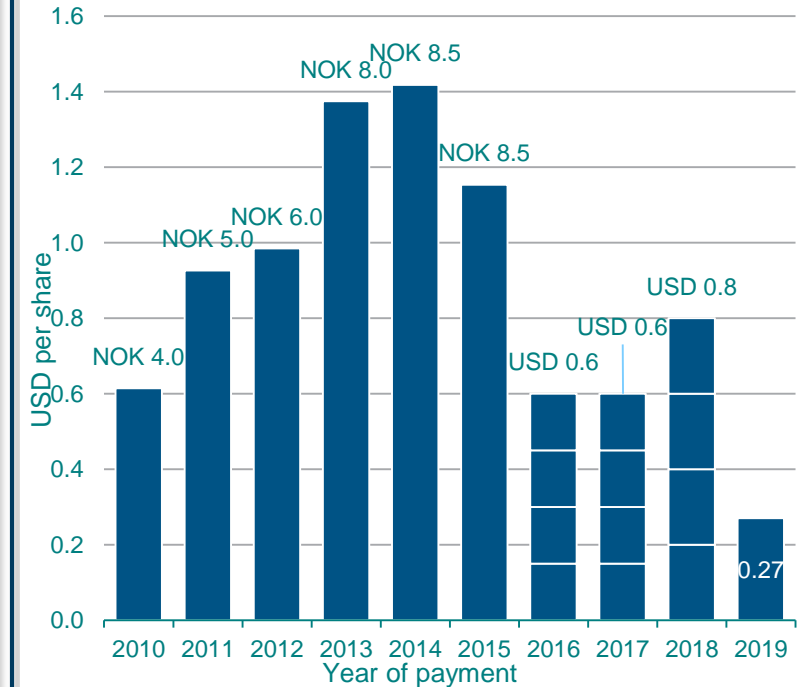
Segment Balance sheet 30 Sep 2018



Numbers in MUSD

- Strong balance sheet supporting countercyclical investments and dividends

Dividend per Share (2010 – 2018)



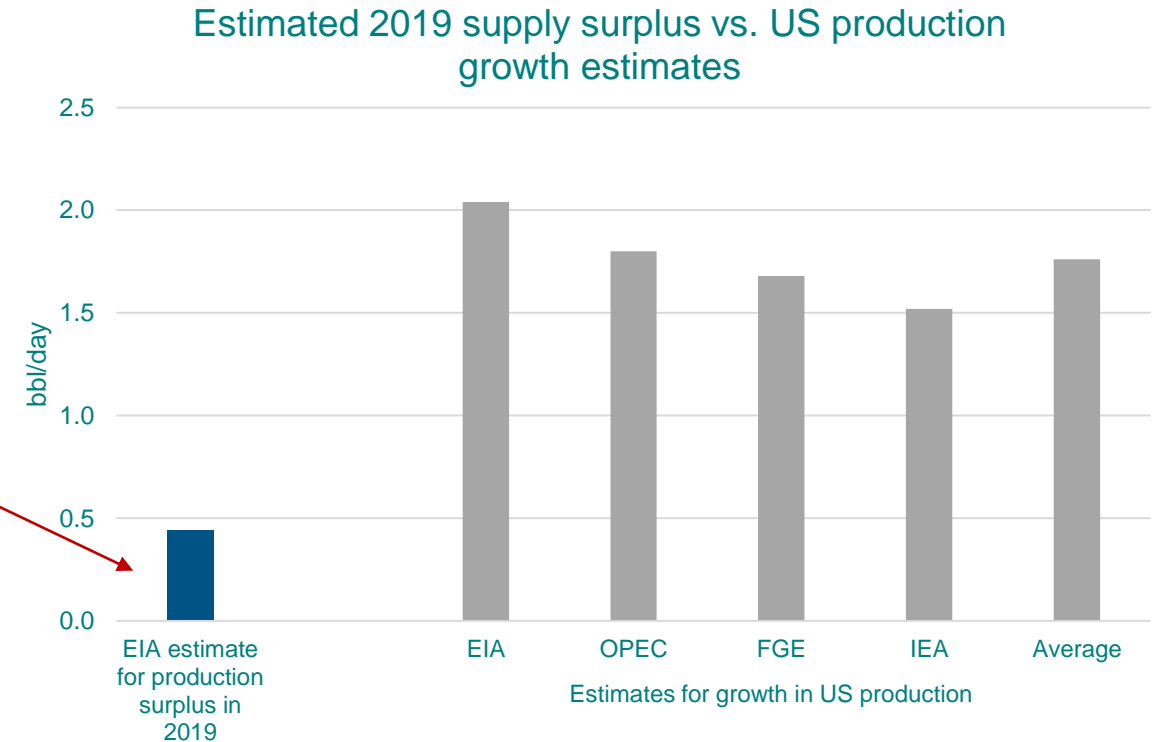
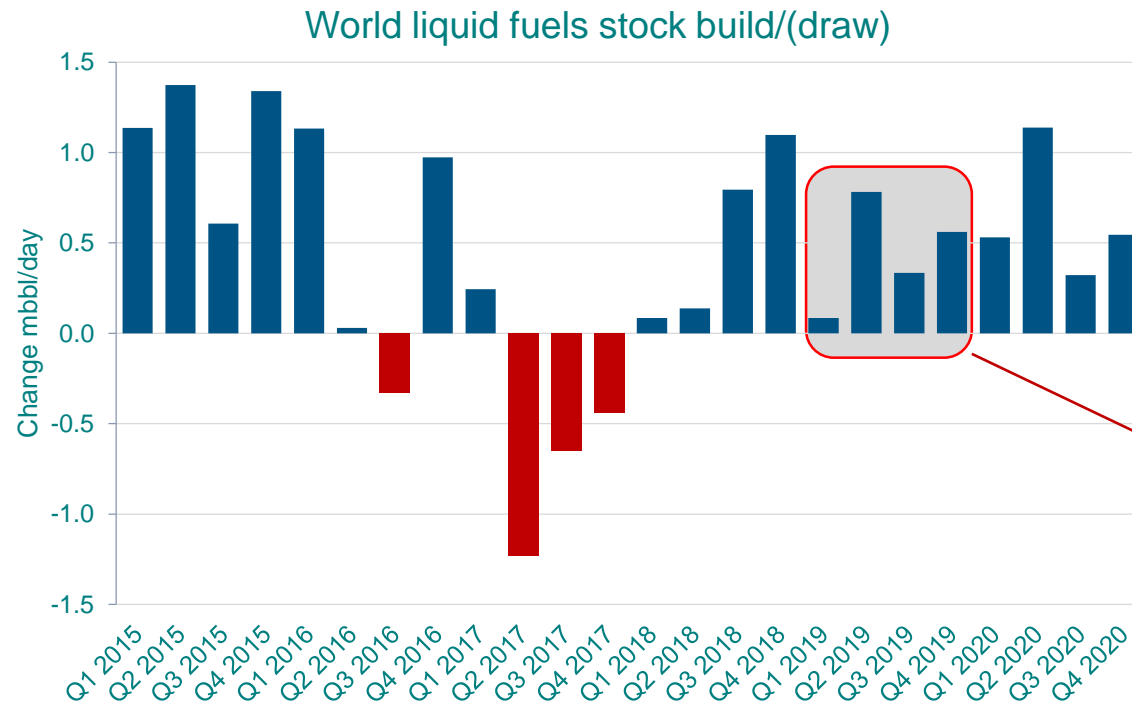
Quarterly dividends defined in USD from 2016. Annual dividends defined in NOK prior to 2016 – converted to USD with the FX rate at the ex-dividend dates

- Quarterly dividend up 33% in 2018 and up 35% sequentially in Q1 2019



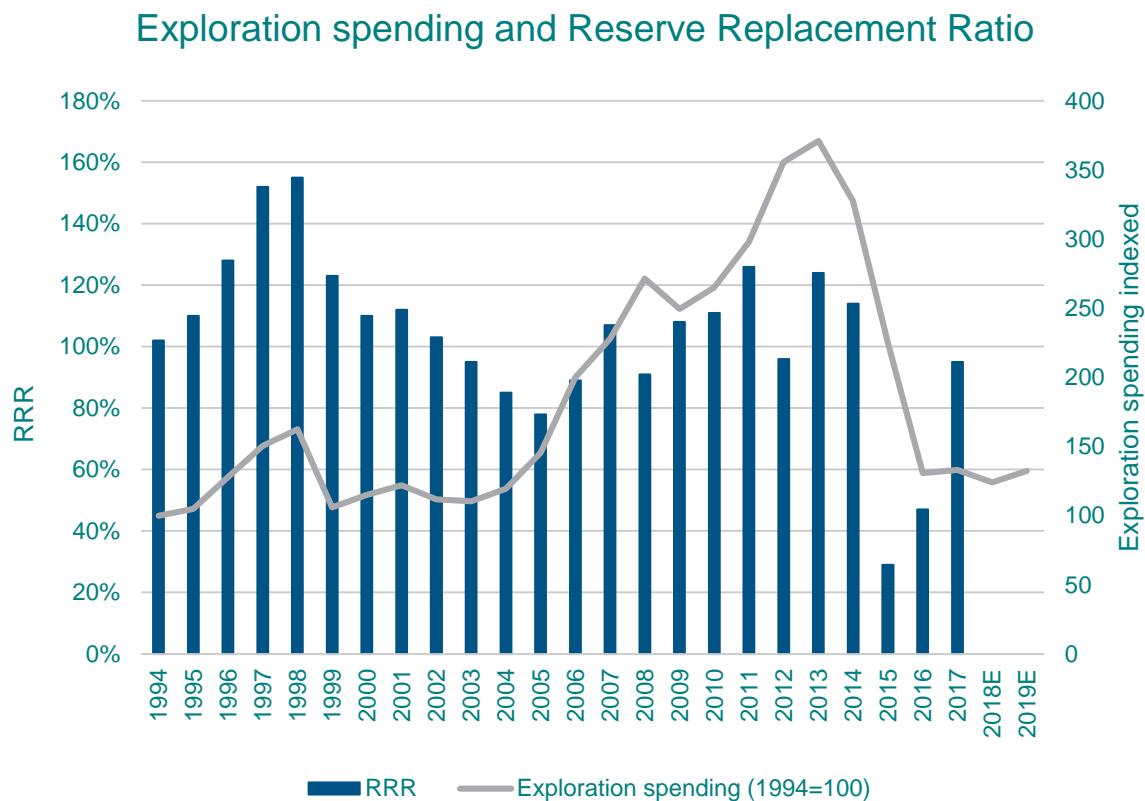
Market outlook

Thin balance in the oil market when taking uncertainty in US production growth into consideration



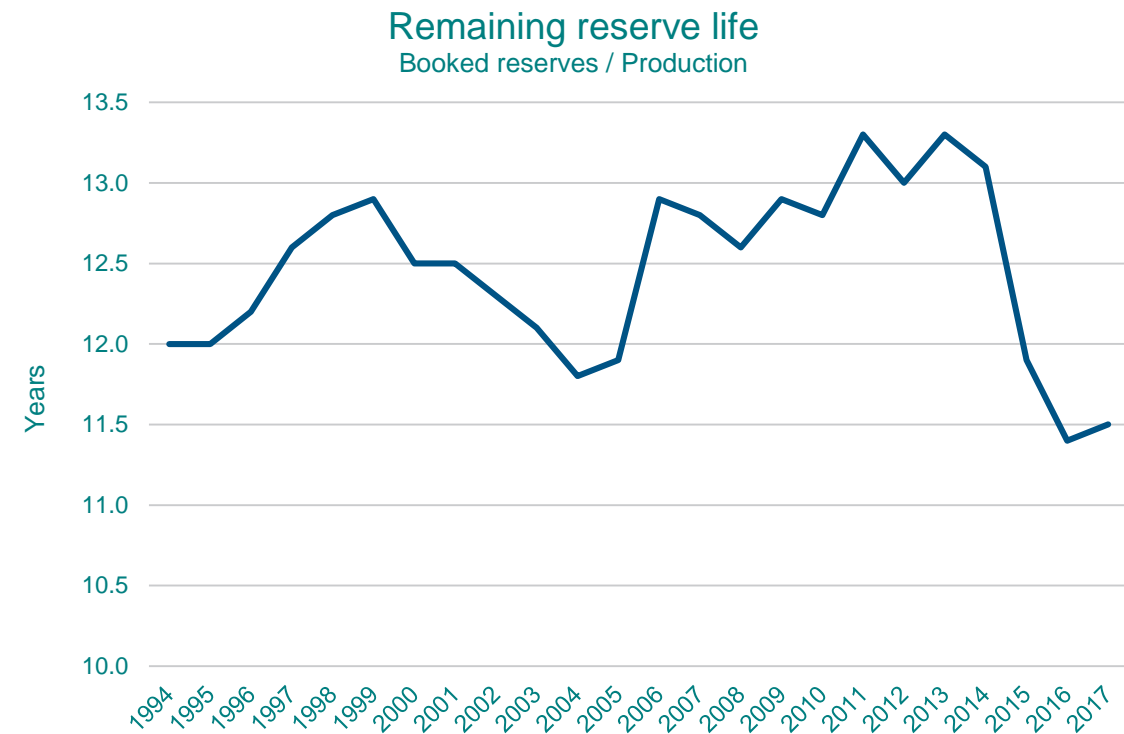
- EIA estimates a slight supply surplus in 2019...
- ...but EIA is in the high-end of the range with respect to US production growth estimates in 2019

Exploration activity has to increase



Source: SEB Research

Low spending driving down RRR...

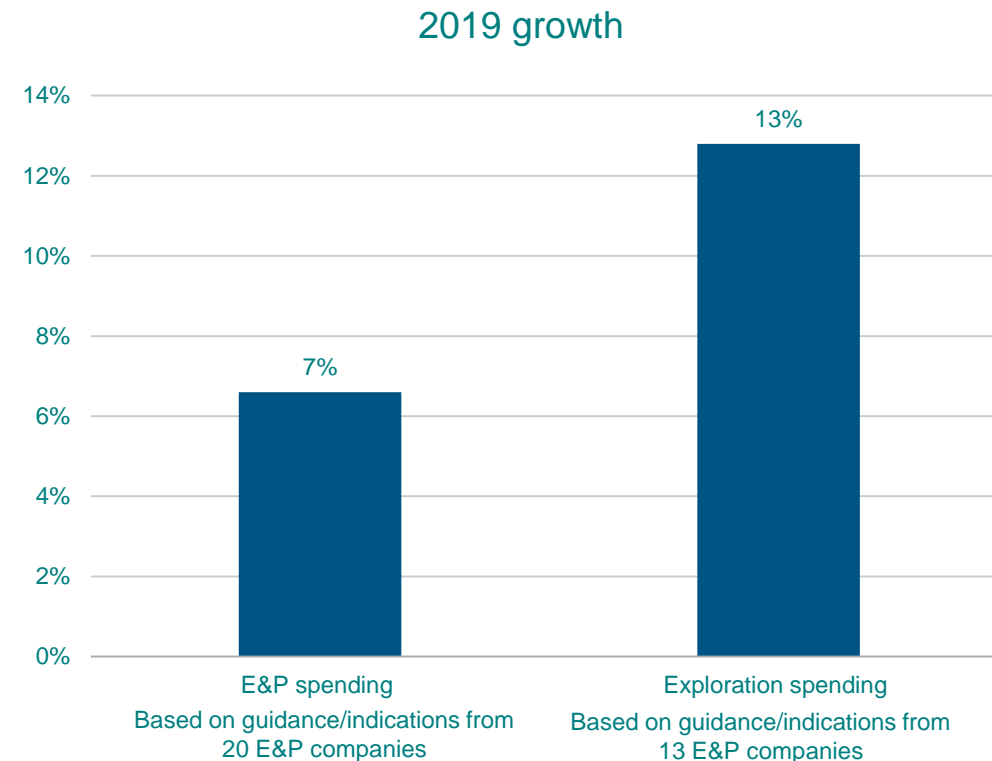


Source: SEB Research

...resulting in falling remaining reserve life

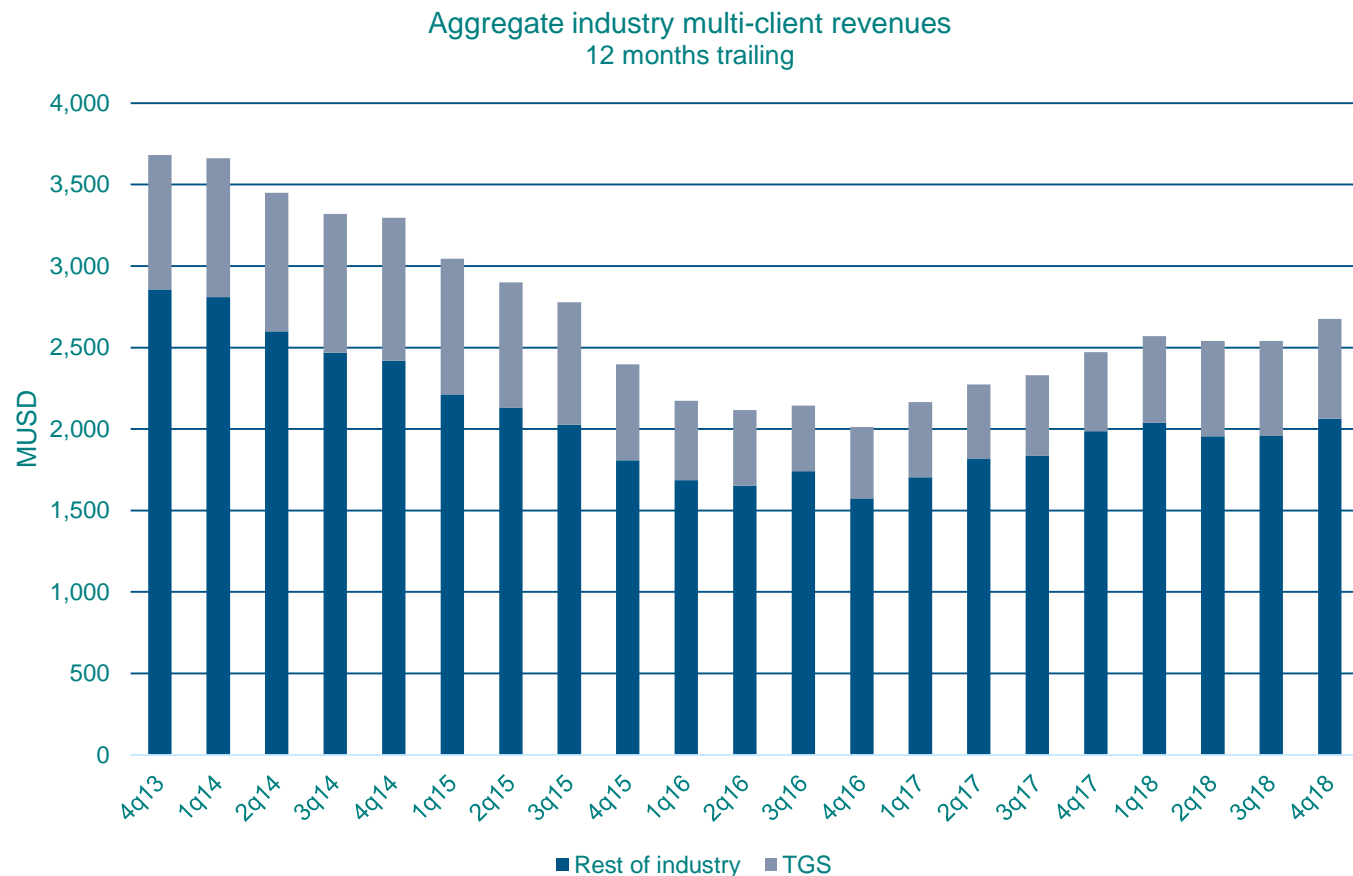
Cash flow supporting increased E&P spending

- Most observations point to E&P spending growth of 5-10% in 2019
- Exploration spending traditionally has higher beta
- Several positive revisions of offshore spending and negative revision of onshore spending seen lately



Source: Carnegie

Multi-client spending still some way off pre-2015 levels



- Total industry multi-client sales growing 8% in 2018:
 - TGS +26%
 - Rest of the industry¹ +4%
- 33% above 2016 trough, but still well below pre-2015 levels

1. PGS, WesternGeco, CGG, Spectrum, ION, Seitel, Polarcus (Segment revenues); companies that have not yet reported Q4 2018 are included with revenue growth equal to the average of the others



Strategic priorities

Strategic priorities



Introducing OBN technology in MC market

New technologies
in mature basins

Strengthening
position in South
Atlantic

Further growth
onshore

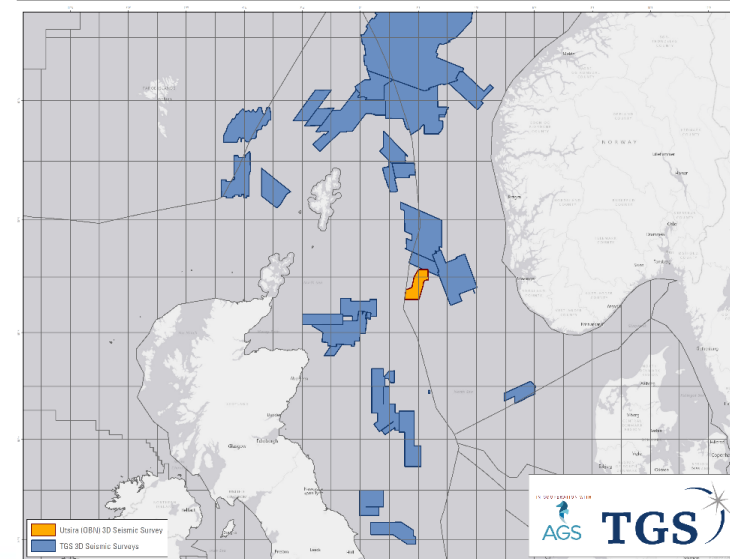
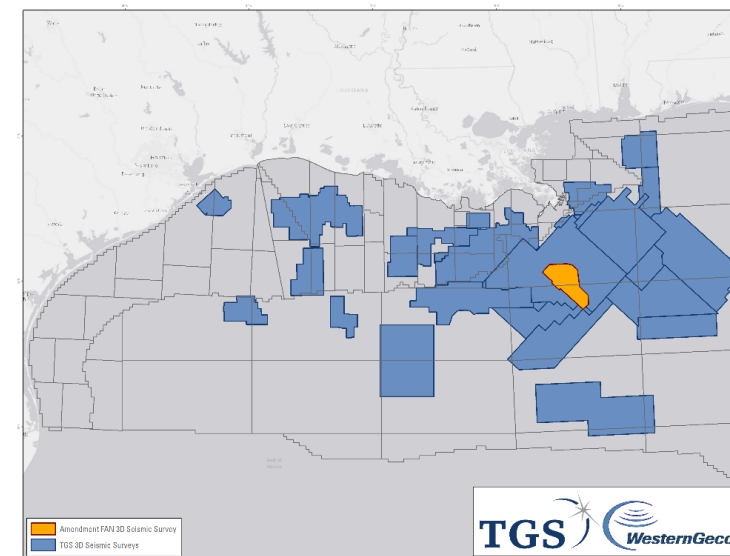
Expand value
chain through
D&A

Imaging quality
and reputation

- US GoM:
 - Amendment: >2,350 km² multi-client nodal project in Mississippi Canyon and Atwater Valley*
 - Long offsets will drive FWI to produce more accurate salt and thus sub salt images
- Norway:
 - Utsira OBN: 1,560 sq.km multi-client node project in the Utsira area in Norway**
 - APA 2019 provided record-high interest and multiple licenses in the Utsira area
 - Data spans near field exploration, appraisal and 4D baseline.

**Collaboration with Western Geco*

***Collaboration with Axxis Geophysical Services*



Building leading positions in key areas

New technologies
in mature basins

Strengthening
position in South
Atlantic

Further growth
onshore

Expand value
chain through
D&A

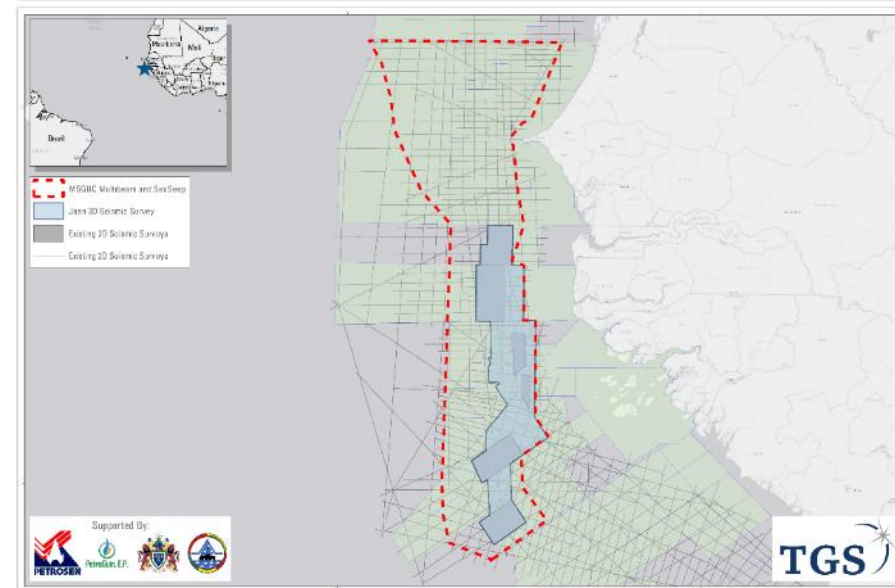
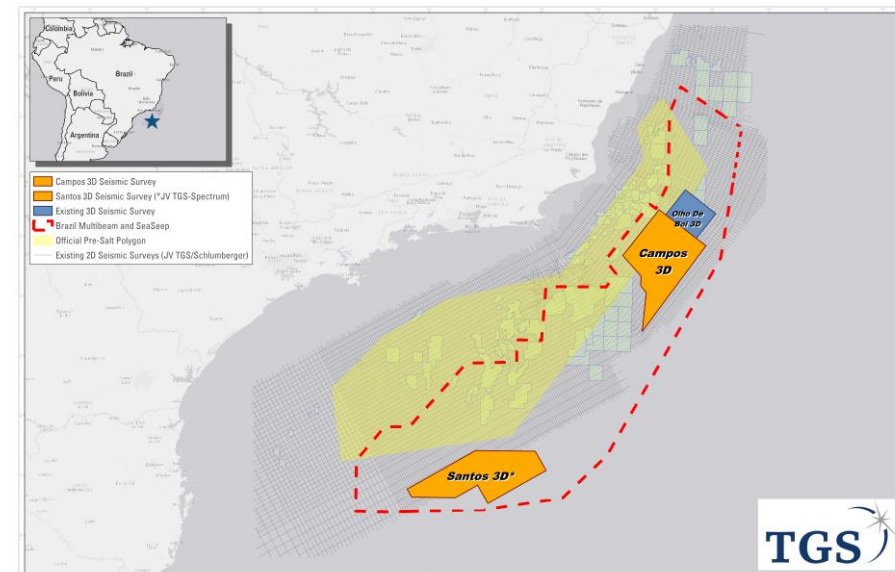
Imaging quality
and reputation

- Acquiring modern 3D data in key areas:

- Campos 3D: 11,200 km² in outer Campos basin, Brazil – targeting 16th licensing round
- Santos 3D*: 11,200 km² in outer Santos basin, Brazil
- Jaan 3D**: 11,100 km² new data + 17,000 km² reprocessed and merged on major discovery trend across 3 countries in MSGBC basin, Africa

- Introducing sea seep studies as regional exploration tool

- MSGBC: 113,500 km² and 230 cores
- Brazil: 200,000 km² and 400 cores



* JV with Spectrum **JV with Geopartners and PGS

Growing through integrated approach

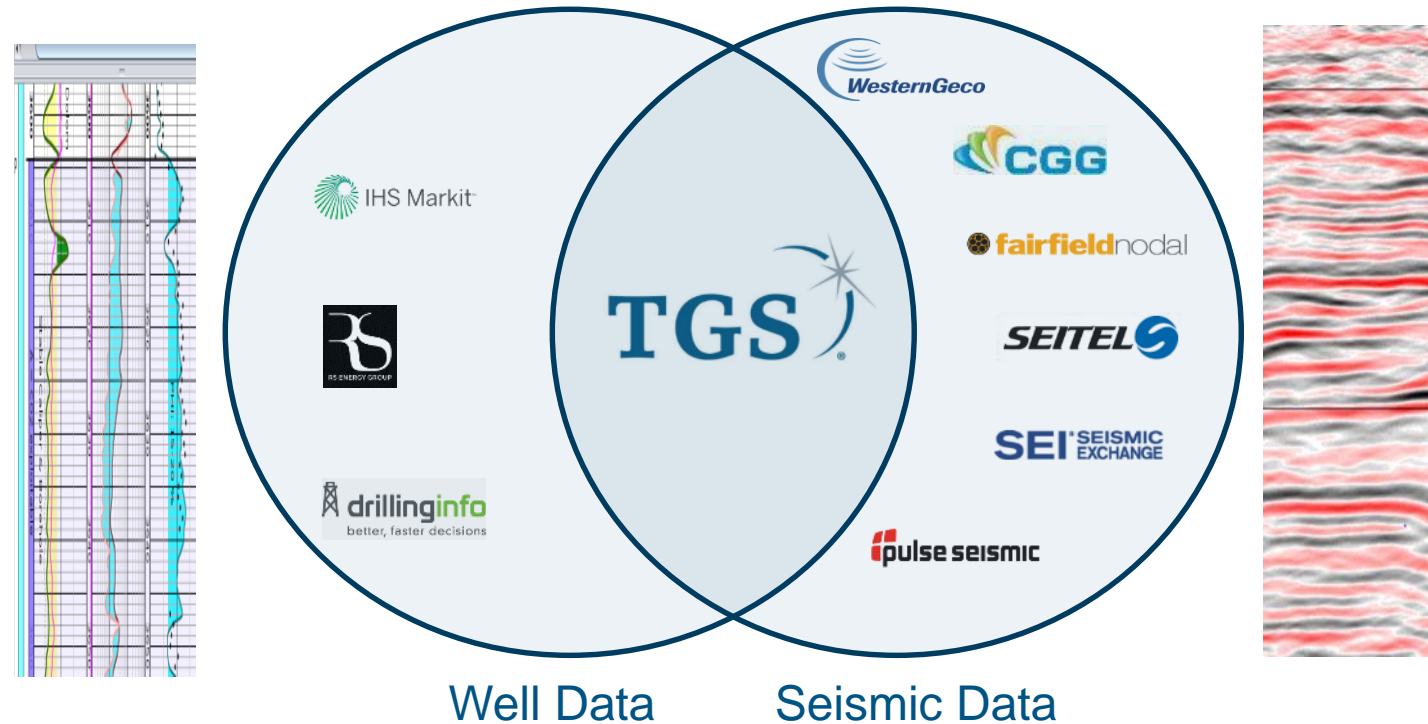
New technologies
in mature basins

Strengthening
position in South
Atlantic

Further growth
onshore

Expand value
chain through
D&A

Imaging quality
and reputation



- Library growth of almost 3x since 2012 (currently around 35k km²)
- Integrated approach: combining well data with seismic data
- Helping customers increase productivity through better reservoir understanding

Selected investment in key basins

New technologies
in mature basins

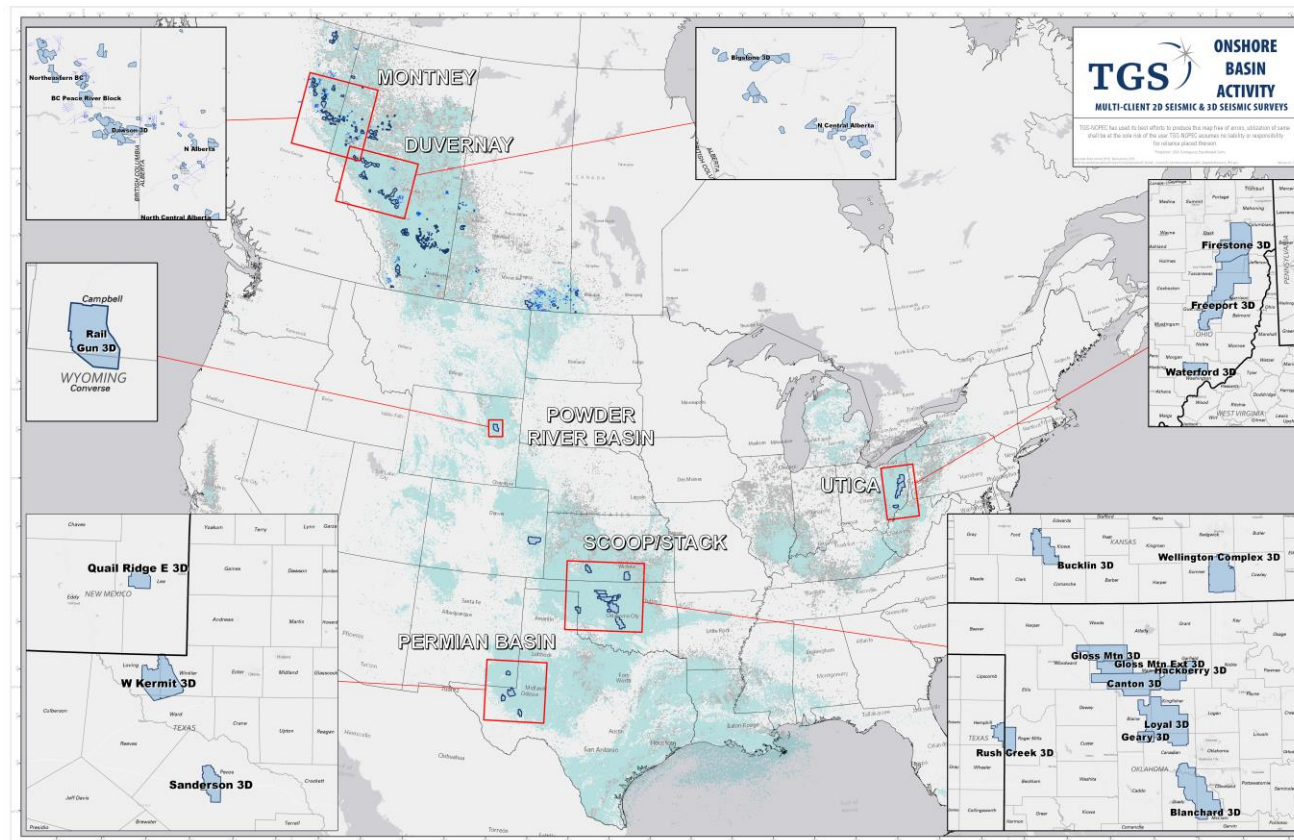
Strengthening
position in South
Atlantic

Further growth
onshore

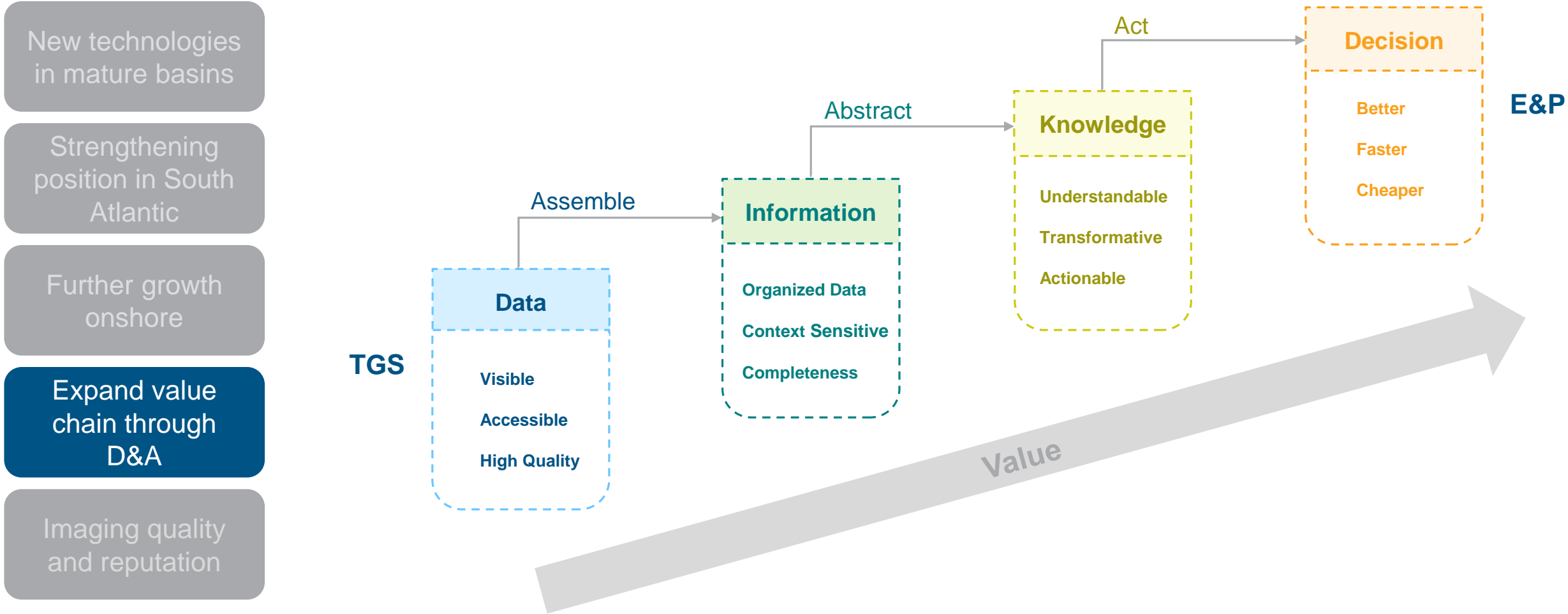
Expand value
chain through
D&A

Imaging quality
and reputation

- Investments focused on selected key basins
- Ongoing projects
 - Gloss Mountain: 1,500 km² in SCOOP/STACK
 - Canton 3D: 1,400 km² in SCOOP/STACK
 - Railgun 3D: 680 km² in Powder River basin



Enabling the E&P digital transformation



TGS has the skills, the data and the power

New technologies
in mature basins

Strengthening
position in South
Atlantic

Further growth
onshore

Expand value
chain through
D&A

Imaging quality
and reputation

**Among the world's largest data
centers**

- 25 PetaFlops

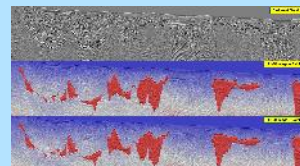
Algorithm



Strong geoscience knowledge

- Data Scientists with Geoscience background

AI



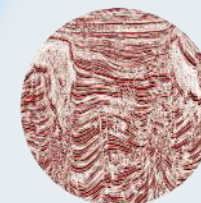
Vast data library

- 708,210 km² 3D data
- 3,192,225 km 2D data
- ~10M digital well logs
- GeoChem data
- Gravity and Magnetic data
- Production and Completion

Compute



Data



Leading Imaging technology, research & development, high performance computing and data analytics

New technologies
in mature basins

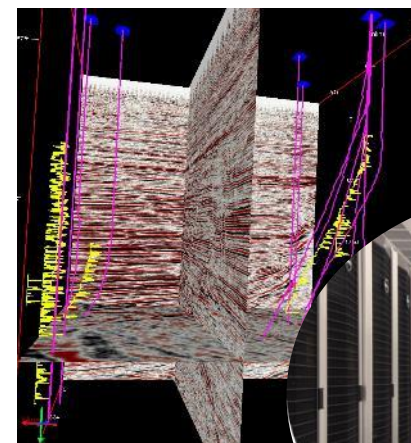
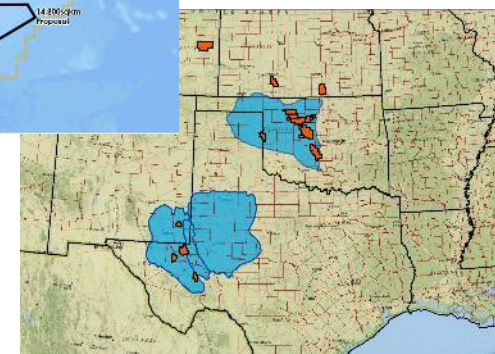
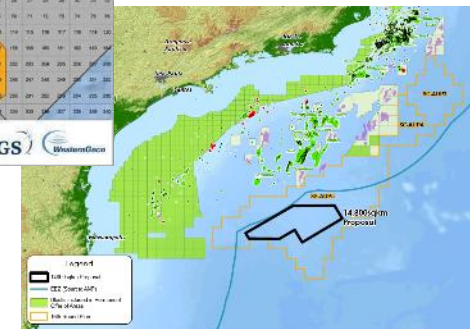
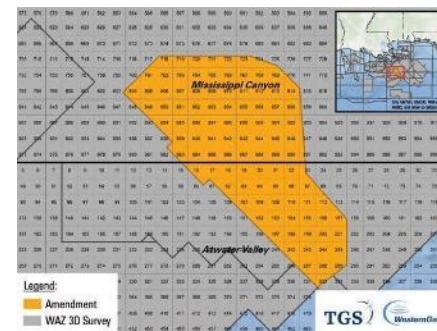
Strengthening
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Expand value
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and reputation

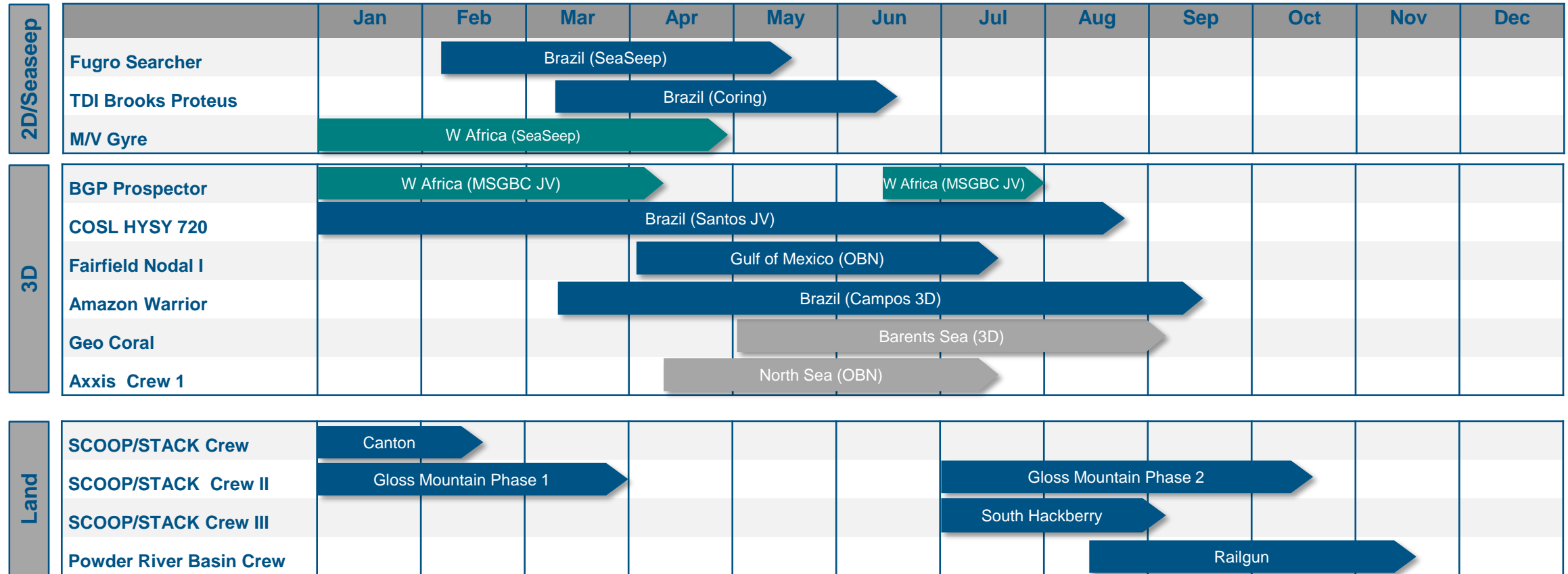
- Technology Driven Projects
 - OBN in mature basins
 - FWI and Least-Squares migration in frontier areas
 - Reservoir Characterization onshore
- Client Focused Culture
 - Top-tier processing shop
 - Quality products and services
 - Increase exposure to proprietary processing
- Future Computing Strategy
 - One of top-tier computer centers worldwide
 - Cloud computing
 - Next-generation software
 - Data analytics





2019 outlook

2019 Projects Schedule*



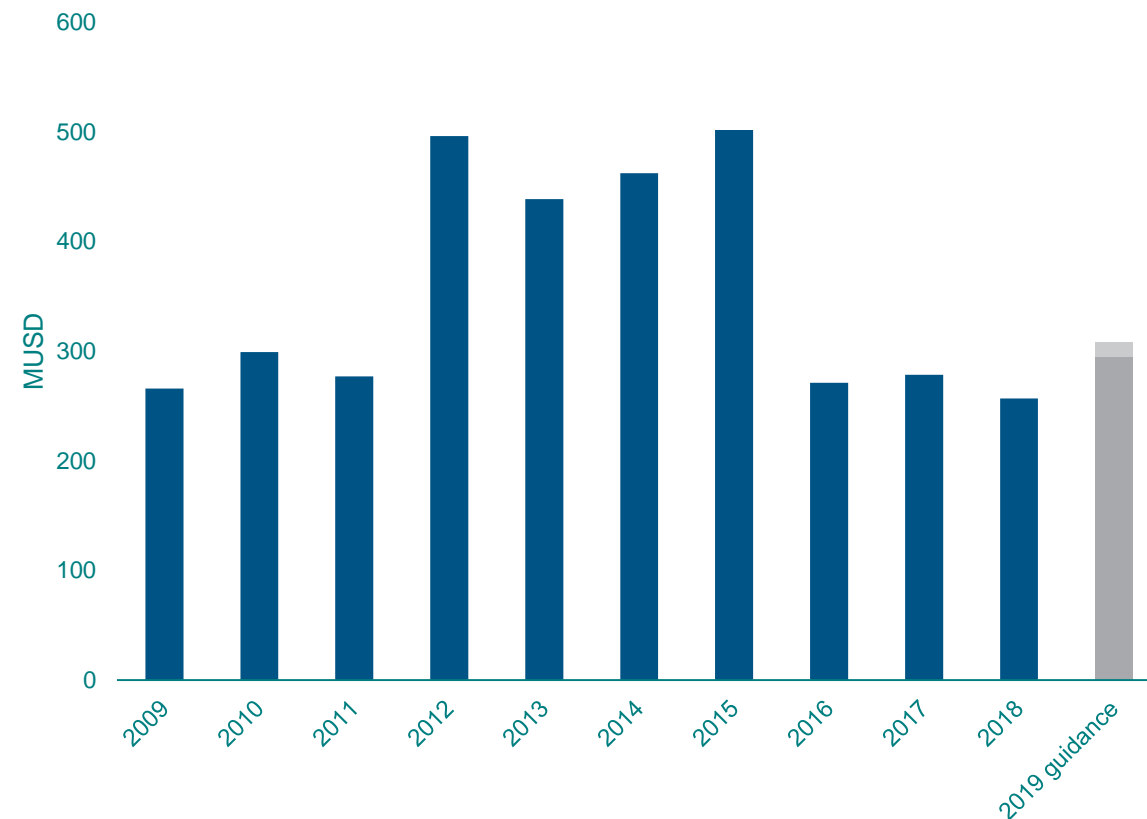
*Acquisition schedule excludes processing projects and GPS investments



2019 guidance

- Growth in multi-client investments of approximately 20%
- Pre-funding of new multi-client investments expected to be 40-45%
- Amortization to be at approximately same level as 2018

Operational investments in new multi-client projects

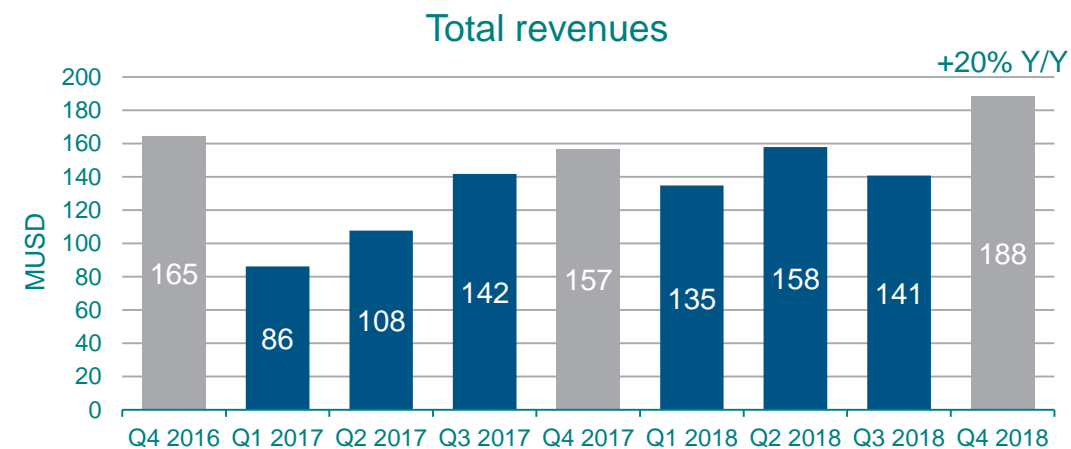
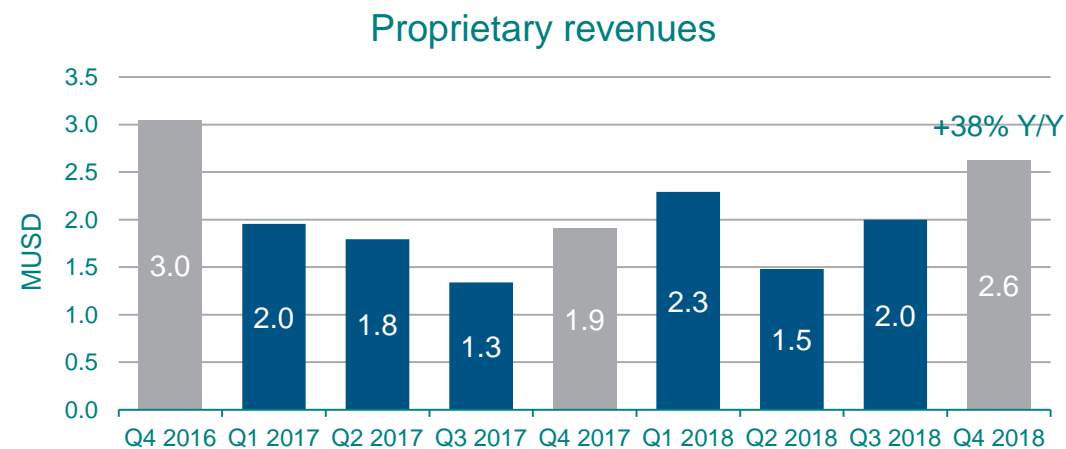
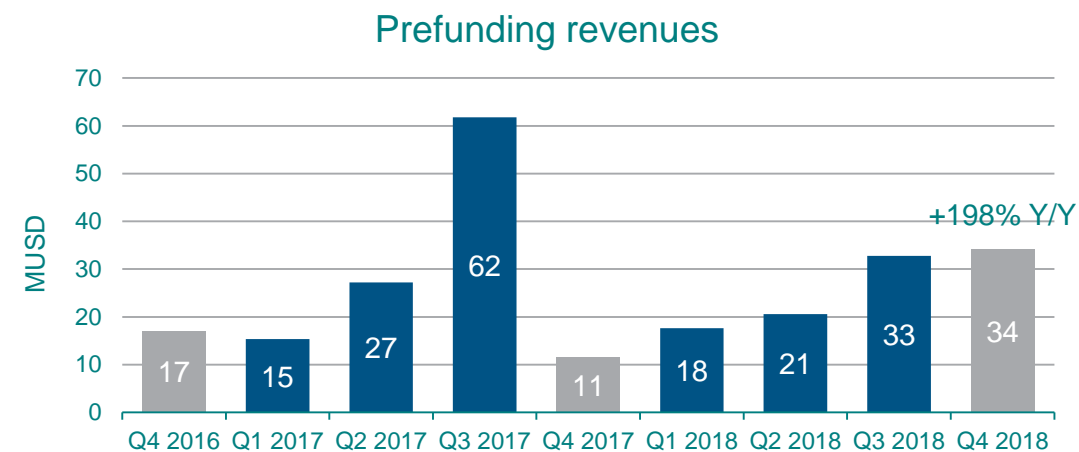
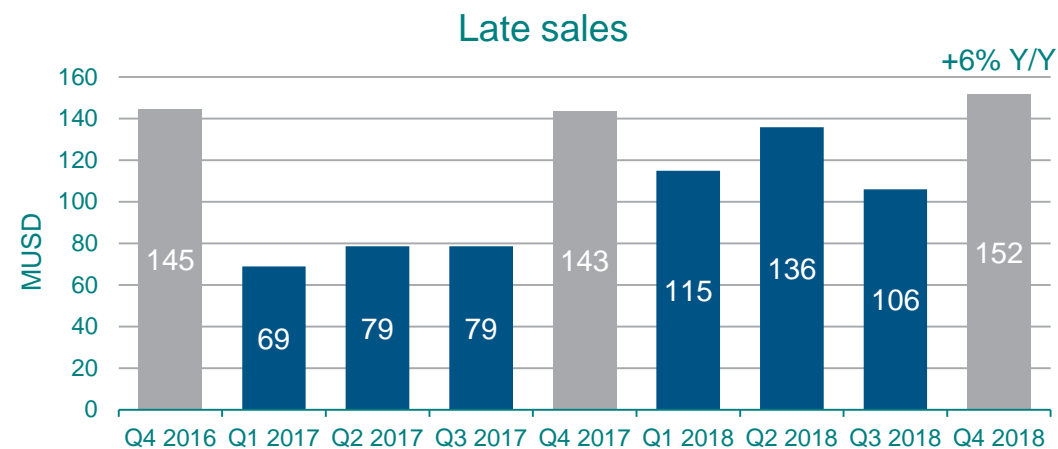




Appendix

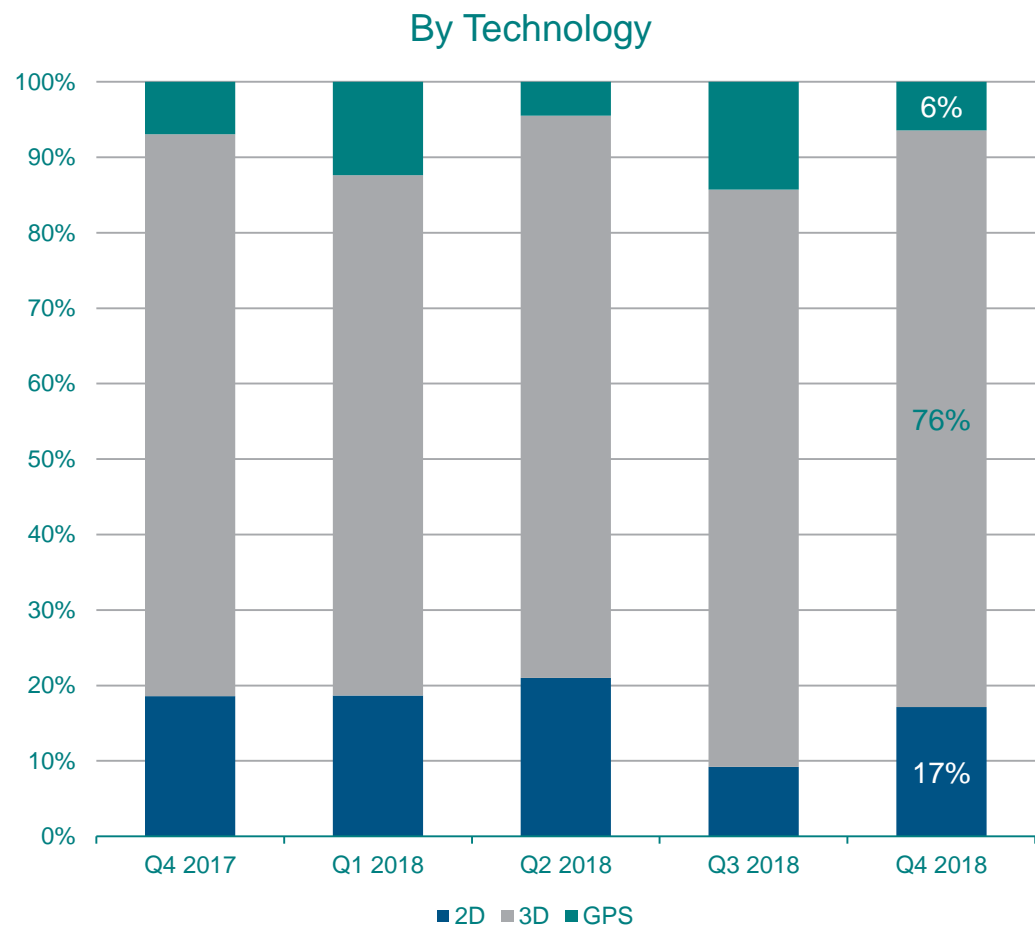
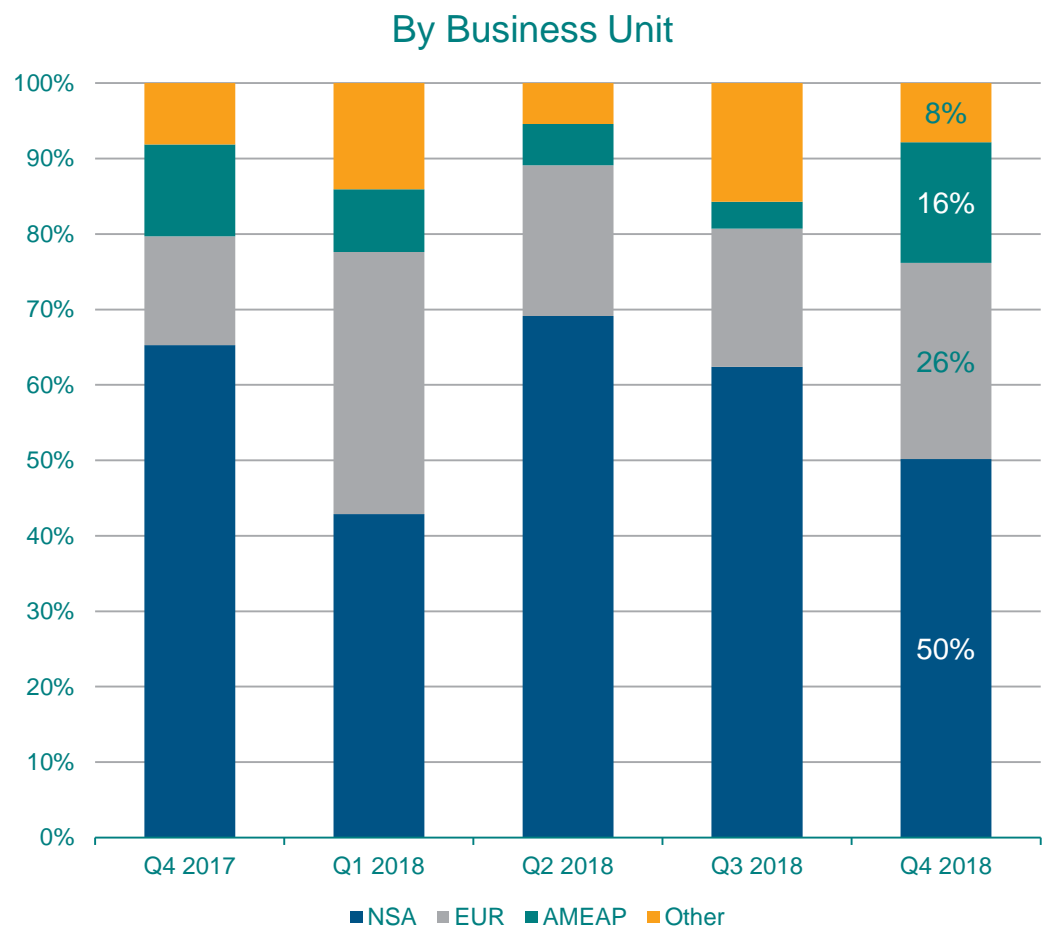
Net Revenues

Segment Reporting



Net Revenues Breakdown

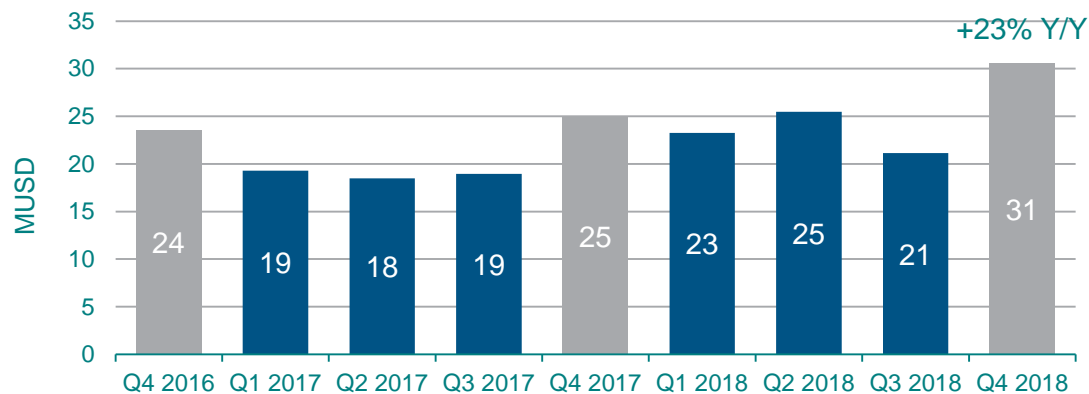
Segment Reporting



Operating Expenses, EBIT, Free Cash Flow

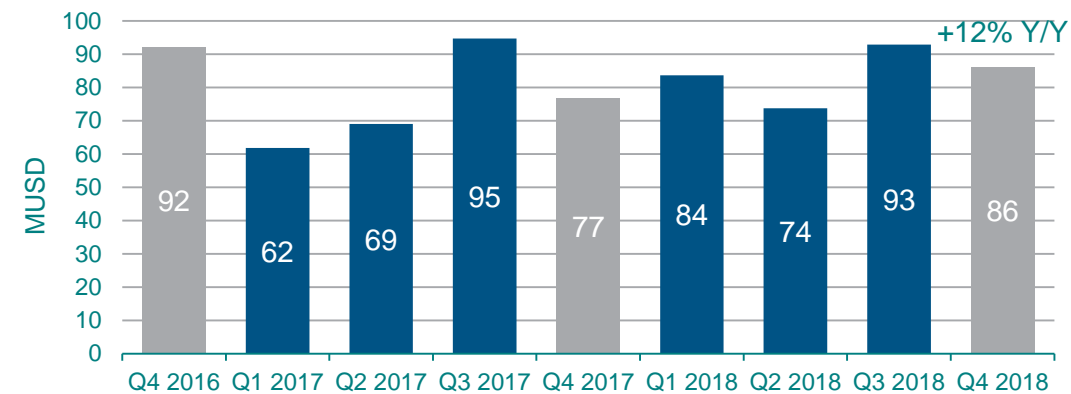
Segment Reporting

Operating costs¹

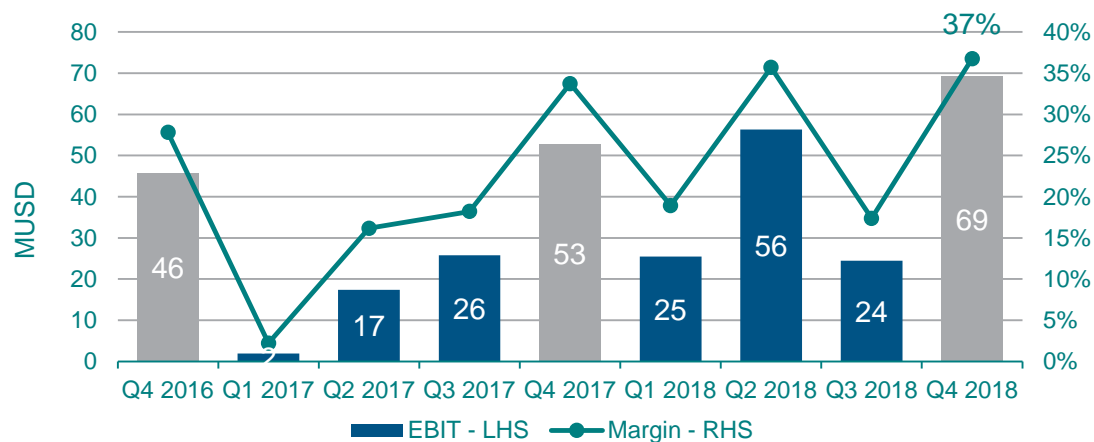


1. Personnel costs and other operating expenses excluding restructuring charges and larger impairments of operating items

Amortization and impairments

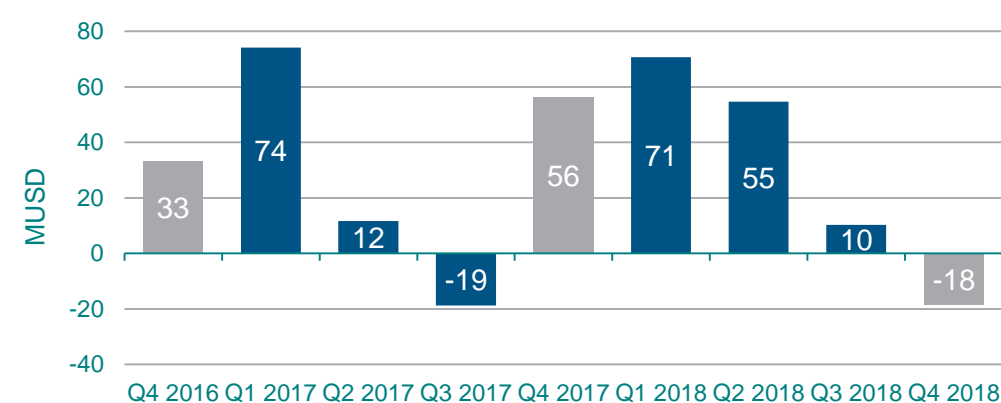


EBIT²



2. Earnings before interest and taxes excluding restructuring charges and larger impairments of operating items

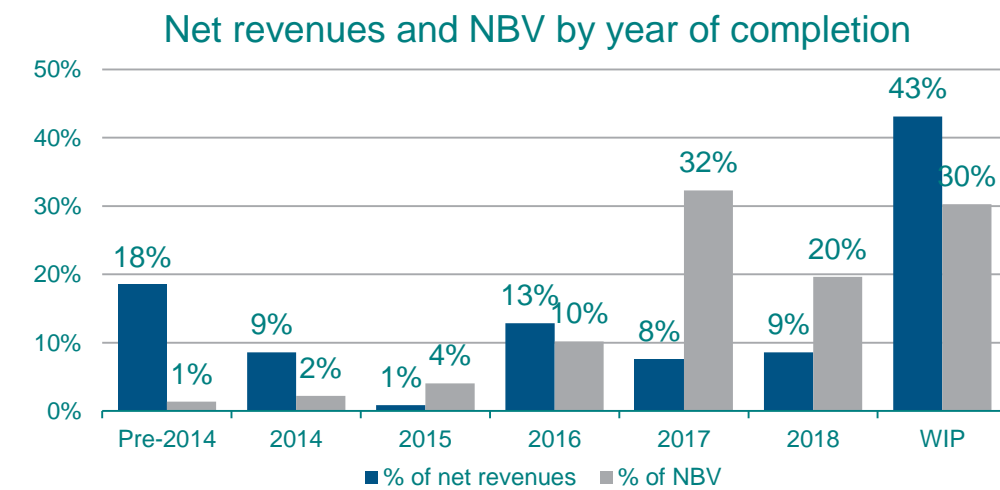
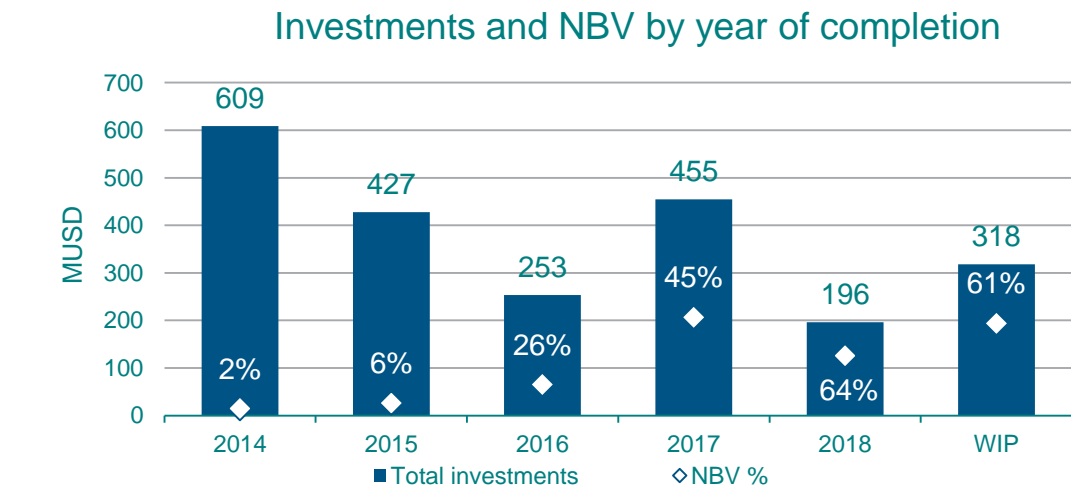
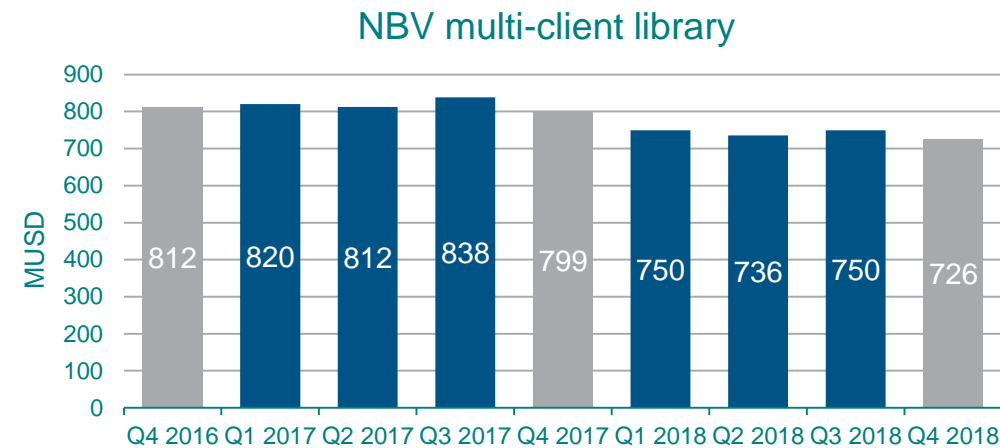
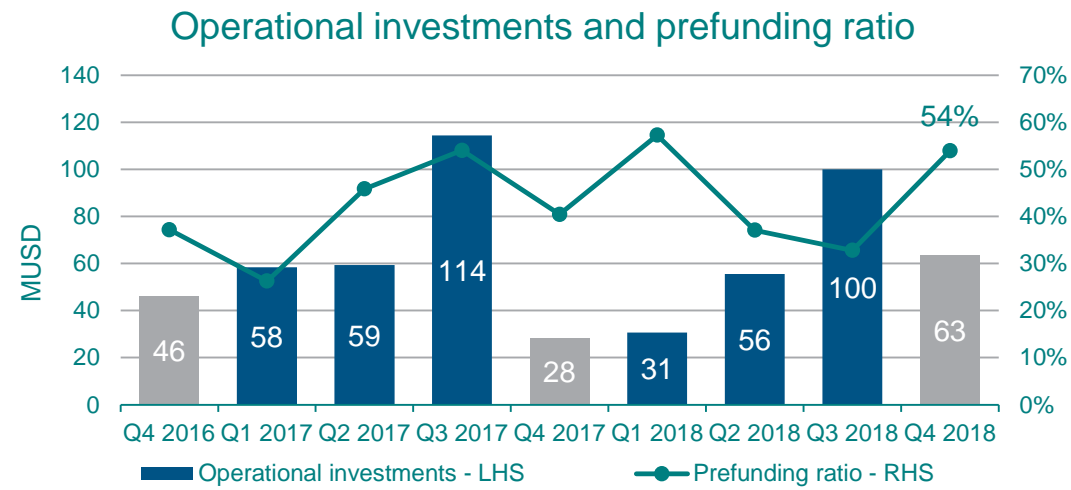
Free Cash Flow³



3. Cash flow from operations minus operational investments in multi-client projects

Multi-client Library

Segment Reporting



Income Statement

Segment Reporting

(MUSD)		Q4 2018	Q4 2017	Change
Net operating revenues		188.3	156.7	20%
Cost of goods sold		0.3	0.1	244%
Personnel cost		21.6	17.4	24%
Other operational costs		9.8	8.7	13%
Cost of stock options		0.0	0.0	n/a
EBITDA	83%	156.7	130.5	20%
Amortization of multi-client library		86.1	76.8	12%
Depreciation		2.2	2.1	4%
Operating result	36%	68.4	51.6	32%
Net financial items		1.3	1.4	-4%
Result before taxes	37%	69.7	53.0	32%
Tax cost	12%	8.4	-2.0	n/a
Net income	33%	61.3	55.0	11%
EPS (USD)		0.60	0.54	11%
EPS fully diluted (USD)		0.59	0.53	11%

Cash Flow Statement

(MUSD)	Q4 2018	Q4 2017	Change
Received payments	119.9	172.7	-31%
Payments for operational expenses	-28.9	-34.0	-15%
Paid taxes	-28.6	-1.4	1983%
Net cash flow from operating activities	62.4	137.3	-55%
Investment in tangible fixed assets	-10.7	-1.5	593%
Investments in multi-client library	-80.8	-81.2	0%
Investments through mergers and acquisitions	0.0	0.0	n/a
Interest income	1.4	1.6	-11%
Net Cash Flow from investing activities	-90.1	-81.1	11%
Net change in loans	0.0	0.0	n/a
Interest expense	-0.4	-0.2	118%
Payment of dividends	-20.5	-15.3	34%
Paid in equity	0.0	3.9	-100%
Net cash flow from financing activities	-20.9	-11.5	81%
Net change in cash and cash equivalents	-48.7	44.7	-209%

Balance Sheet

Segment Reporting

(MUSD)	Q4 2018	Q4 2017	Change
Goodwill	67.9	67.9	0%
Multi-client library	726.1	799.0	-9%
Deferred tax asset	0.4	4.4	-90%
Other non-current assets	31.4	29.2	7%
Total non-current assets	825.9	900.5	-8%
Cash and cash equivalents	273.5	249.9	9%
Other current assets	379.5	273.6	39%
Total current assets	653.0	523.6	25%
TOTAL ASSETS	1,478.9	1,424.1	4%
Total equity	1,265.5	1,200.1	5%
Deferred taxes	27.2	23.7	15%
Non-current liabilities	5.0	5.3	-6%
Total non-current liabilities	32.2	29.1	11%
Taxes payable, withheld payroll tax, social security	27.1	25.2	7%
Other current liabilities	154.2	169.8	-9%
Total current liabilities	181.2	194.9	-7%
TOTAL EQUITY AND LIABILITIES	1,478.9	1,424.1	4%

Income Statement

IFRS Reporting

(MUSD)		Q4 2018	Q4 2017	Change
Net operating revenues		274.5	156.7	75%
Cost of goods sold		0.3	0.1	244%
Amortization of multi-client library		94.7	76.8	23%
Gross margin	65%	179.5	79.8	125%
Personnel cost		21.6	17.4	24%
Other operational costs		9.8	8.7	13%
Cost of stock options		0.0	0.0	n/a
Depreciation		2.2	2.1	4%
Operating result	53%	145.9	51.6	183%
Net financial items		1.3	1.4	-4%
Result before taxes	54%	147.2	53.0	178%
Tax cost	8%	22.3	-2.0	n/a
Net income	45%	124.9	55.0	127%
EPS (USD)		1.22	0.54	127%
EPS fully diluted (USD)		1.21	0.53	127%

Balance Sheet

IFRS Reporting

(MUSD)	Q4 2018	Q4 2017	Change
Goodwill	67.9	67.9	0%
Multi-client library	870.5	799.0	9%
Deferred tax asset	0.9	4.4	-80%
Other non-current assets	31.4	29.2	7%
Total non-current assets	970.7	900.5	8%
Cash and cash equivalents	273.5	249.9	9%
Other current assets	380.2	273.6	39%
Total current assets	653.7	523.6	25%
TOTAL ASSETS	1,624.4	1,424.1	14%
Total equity	1,251.7	1,200.1	4%
Deferred taxes	29.3	2.9	927%
Non-current liabilities	5.0	26.2	-81%
Total non-current liabilities	34.3	29.1	18%
Taxes payable, withheld payroll tax, social security	27.1	101.4	-73%
Other current liabilities	311.4	93.5	233%
Total current liabilities	338.4	194.9	74%
TOTAL EQUITY AND LIABILITIES	1,624.4	1,424.1	14%

Reconciliation

Segment Reporting versus IFRS Reporting

Q4 2018 Income Statement (MUSD)	Segment Reporting	Diff.	IFRS Reporting
Net revenues	188.3	86.2	274.5
Amortization and impairment of multi-client library	86.1	8.7	94.7
Total operating expenses	119.9	8.7	128.6
Tax cost	8.4	13.9	22.3
Net income	61.3	63.6	124.9

Q4 2018 Balance sheet (MUSD)	Segment Reporting	Diff.	IFRS Reporting
Multi-client library	726.1	144.3	870.5
Total non-current assets	825.9	144.8	970.7
Other equity	1,261.8	-13.8	1,248.0
Total equity	1,265.5	-13.8	1,251.7
Non-current liabilities			
Deferred taxes	27.2	2.0	29.3
Total non-current liabilities	87.4	-14.1	73.3
Accounts payable and debt to partners	87.4	-28.6	58.7
Taxes payable, withheld payroll tax, social security	27.1	0.0	27.1
Other current liabilities	66.8	185.9	252.6
Total current liabilities	181.2	157.2	338.4

Thank you

