

# Covering Analysts:

Rolv Kristian Heitmann Financials and Utilities +47 24 16 90 49 rolv.kristian.heitmann@dnb.no Ole Einar Stokstad Financials +47 24 16 90 48 ole.einar.stokstad@dnb.no

## **IMPORTANT**

This analysis is protected by the provisions of the Norwegian Copyright Act. The analysis is prepared for distribution to specific customers of DNB Markets.

Copies may not be made from the analysis, neither may the analysis be made available to others in its entirety or in parts without the prior written permission of DNB Markets.

© 2018 DNB Markets.

Sparebanken Sør

DNB Markets' bank ACS<sup>4</sup>: aSenior unsecured ACS<sup>4</sup>: aSubordinated Tier 2 ACS<sup>4</sup>: bbb
Hybrid Tier 1 ACS<sup>4</sup>: bb+

ACS order: 25 / 120
Bank ACS change from previous: Down

Main driver for change:

Offices in N
Increased growth in non-mortgage lending
No alliance

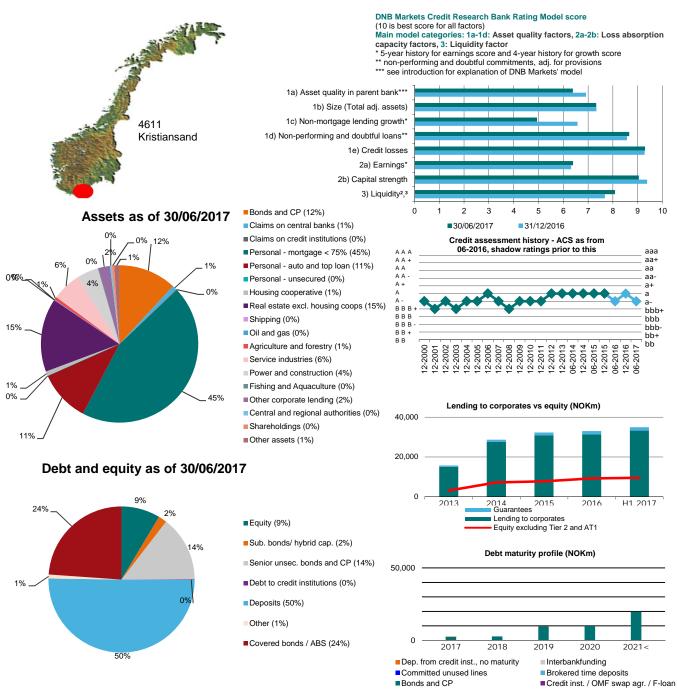
Av. asset balance: 108,181m Av. adj. assets<sup>1</sup>: 108,181m Offices in Norway/ abr.: 34/ 0 No alliance sor.no
Official ratings:
Moody's: A1 NEG
S&P: n.a.
Fitch: n.a.
28% - 82%

Senior unsecured recovery interval given bail-in and depositor preference - see introduction (low - high): Please note that Sparebanken Sør made a NOK600m equity issue in Q2-16, increasing the CET1 ratio by ~1%-p.

On 1 January 2014, the two savings banks Sparebanken Pluss and Sparebanken Sør merged to form the "new" Sparebanken Sør. The historical figures are from Sparebanken Pluss, which is the continued bank. The "new" Sparebanken Sør is the largest bank in the Agder counties with 432 employees across Vest-Agder, Aust-Agder and Telemark. The main office is located in Kristiansand. The group includes the real estate agency Sørmegleren. Sparebanken Sør has access to financing through covered bonds issued by Sparebanken Sør

Boligkreditt AS.

Sparebanken Sør has had an annualised growth in lending to corporates (incl. unutilized comm., guarantees) of 14.0% over the last 4 periods, (moderate growth as a share of total adj. assets¹, with 4.0% growth on average). The total capital ratio is 17.8% (the median for banks with total assets over 10 bn is 18.7%). Book equity constitutes 8.6% of total assets. Sparebanken Sør has a moderate share of net short funding, as debt² adjusted for liquid assets³ equal to 6.4% of total assets (median 2.1%) matures during the next 18 months. Non-performing and other doubtful commitments constitute 1.0% of adj. lending¹ (low share of non-performing loans). Individual and collective write-downs amount to NOK 610 million, equal to 67% of non-performing and other doubtful commitments.



- 1) Including loans transferred to credit institutions
- 2) Debt maturing by 31/12/2018 and 20% of deposits exceeding NOK2m adjusted for liquid assets
- 3) Liquid assets: bond portfolio with 20% hair cut, in excess of the old liquidity reserve requirement (6% of total debt), claims on central banks and credit institutions, and back stop facilities maturing after 31/12/2018.

# Sparebanken Sør

Sparebanken Sør							
Accounts for the bank group			Accounting	g standard:	IFRS	L	ending distribution (simplified)
Income statement (NOKm, condensed)	2013	2014	2015	2016	H1 2017	100% —	
Net interest income and other credit income	602	1,511	1,521	1,565	818	80% —	
Net other income and fees from banking services	100	318	317	331	176	60% —	
Total net recurring revenues	702	1,829	1,838	1,896	994	40% —	
Operating expenses	-271	-634	-817	-829	-407	20% —	
Total net recurring income bef. losses and tax	431	1,195	1,021	1,067	587	0% -	
Credit losses on loans/guarantees (reversal)	28	268	97	50	28		2013 2014 2015 2016 H1 2017
Earnings before tax excluding valuation effects  Net valuation effect on bonds, stocks, curr. etc'	403 10	927 173	924 -69	1,017	559 -6		■Lending to central and regional authorities ■Lending to corporate clients
Earnings before tax	413	1,100	-69 855	256 1,273	553		Lending to personal customers
Tax	-111	-215	-231	-284	-128		
Net income (loss) for the period	302	885	624	989	425		Deposit ratios
Comprehensive income for the period	284	792	668	1,001	425	70% —	
Balance sheet	2013	2014	2015	2016	H1 2017	60% —	
Cash and deposits with central banks	1,340	595	332	797	1,011	50% —	
Lending to and deposits with credit institutions	50	180	157	156	164	40% —	
Gross lending to customers	38,155	81,628	89,110	91,523	95,259	30% — 20% —	
Individual and collective write-downs	168	715	723	595	610	10% —	
Net lending to customers	37,987	80,913	88,387	90,928	94,649	0% ⊢	
Bonds and commercial paper	5,783	10,359	10,557	11,815	13,290		2013 2014 2015 2016 H1 2017
Shareholdings/ other fin. investments/ instruments Other holdings incl derivatives and fixed assets	98 500	445 1,533	487 1,401	542 1,196	554 1,215		eposits/ lending Deposits + equity) / total assets adjusted
Immaterial assets	2	37	1,401	21	1,213	<b>=</b> (L	poposito + equity) / total assets aujusteu
Total assets	45,760	94,062	101,334	105,455	110,907		
Loans and deposits from credit institutions	2,028	614	576	178	145		oans transferred to credit institutions
Deposits from customers	21,264	48,250	48,349	51,562	55,695	60% — 50% —	
Debt securities issued (excl. sub. and hyb.)	17,935	35,775	41,899	41,217	42,519	40% —	
-Of which covered bonds / ABS	0	18,414	22,034	24,633	26,501	30% —	
Other liabilities incl derivatives	523	1,166	1,047	1,244	954	20% — 10% —	
Subordinated debt(upper and lower Tier 2)	899	400	1,200	1,203	1,203	0% -	2013 2014 2015 2016 H1 2017
Additional Tier 1 securities (AT1)	0	700	510	825	875		sidential (pers.) loans transferred to credit inst./lending to
Equity excluding Tier 2 and AT1	3,111	7,157	7,753	9,226	9,516	•	sonal customers incl. transferred loans
Total liabilities and equity	45,760	94,062	101,334	105,455	110,907	Loa	ns transferred to credit inst. / total adjusted assets
Total adjusted assets (incl. loans in external c.i.)	45,760	94,062	101,334	105,455	110,907		
Other items regarding lending	2013	2014	2015	2016	H1 2017		Capital ratios
Lending to personal customers	23,254	54,076	58,230	59,861	61,910	20.0% -	
Lending to personal cust. incl ext. credit inst.  Lending to corporate clients	23,254 14,942	54,076 27,552	58,230 30,880	59,861 31,328	61,910 33,198	15.0% -	
Lending to corporate clients  Lending to corporate clients incl. ext. credit inst.	14,942	27,552	30,880	31,328	33,198	10.0% -	
Corp.len. inc ext.cr.ins, unutilized comm, guar.	17,514	32,589	37,555	38,585	41,944	10.0% —	
Lending to central and regional authorities	3	22	26	334	388	5.0% -	
Gross non-perf. and doubtful commitments	302	1,466	1,212	910	908	0.0% -	
Key ratios	2013	2014	2015	2016	H1 2017		2013 2014 2015 2016 H1 2017
Net interest income to average total assets	1.34%	1.61%	1.56%	1.51%	1.52%		Tier 1 ratio (risk-weighted, transitional rules)
Net adj.interest income to ave. total adj.assets	1.34%	1.61%	1.56%	1.51%	1.52%		Total cap. ratio (risk-weighted, transitional rules)
Cost/ income excluding net valuation effects	38.6%	34.7%	44.5%	43.7%	40.9%		
EBT excl. net valuation effects/ave. tot. assets	0.90%	0.99%	0.95%	0.98%	1.04%		
EBT excl. net val. effects/ave. tot. assets adj.	0.90%	0.99%	0.95%	0.98%	1.04%	Р	Profitability
Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity	0.66% 10.00%	0.73% 9.97%	0.70% 9.17%	0.73% 8.86%	0.77% 8.90%	NOKm 2,000 —	2.0%
ROE, book net income to average equity	10.00%	12.86%	8.37%	11.65%	9.15%	1,500 —	1.59
Gross non-perf. and doubtful/gr. lending adj.	0.79%	1.80%	1.36%	0.99%	0.95%		
Write-downs/(gr. non-perf. and other doubtful)	55.6%	48.8%	59.7%	65.4%	67.2%	1,000 —	1.09
Credit losses/gross lending	0.07%	0.33%	0.11%	0.05%	0.06%	500 —	0.59
Credit losses/gross lending adjusted	0.07%	0.33%	0.11%	0.05%	0.06%	0 —	0.0%
Cred. losses/net recurring inc. bef. losses, tax	6.5%	22.4%	9.5%	4.7%	4.8%	_	2013 2014 2015 2016 H1 2017  Other operating income (l.a.)
Loans transferred to credit inst./ total assets adj.		24 20/	25.3%	26.7%	26.8%		Net interest income (l.a.)
Resid. loans transf. to cr.inst/lend. to pers. adj.	24.7%	21.3%					
	48.7%	37.1%	44.1%	47.0%	48.0%	_	Net interest income (% ave. assets, r.a.)
Deposits/ lending	48.7% 55.7%	37.1% 59.1%	44.1% 54.3%	56.3%	58.5%		Net interest income (% ave. assets, r.a.)
Deposits/ lending Deposits/ lending adjusted	48.7% 55.7% 55.7%	37.1% 59.1% 59.1%	44.1% 54.3% 54.3%	56.3% 56.3%	58.5% 58.5%		
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted	48.7% 55.7%	37.1% 59.1%	44.1% 54.3% 54.3% 55.4%	56.3% 56.3% 57.6%	58.5% 58.5% 58.8%		Net interest income (% ave. assets, r.a.)
Deposits/ lending Deposits/ lending adjusted	48.7% 55.7% 55.7%	37.1% 59.1% 59.1%	44.1% 54.3% 54.3%	56.3% 56.3%	58.5% 58.5%	60% —	
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR)	48.7% 55.7% 55.7% 53.3%	37.1% 59.1% 59.1% 58.9%	44.1% 54.3% 54.3% 55.4% 108.0%	56.3% 56.3% 57.6% 128.0%	58.5% 58.5% 58.8% 158.0%		
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets	48.7% 55.7% 55.7% 53.3% 56.5%	37.1% 59.1% 59.1% 58.9% 57.4%	44.1% 54.3% 54.3% 55.4% 108.0% 59.9%	56.3% 56.3% 57.6% 128.0% 58.8%	58.5% 58.5% 58.8% 158.0% 58.3%		
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted)	48.7% 55.7% 55.7% 53.3% 56.5% 6.8%	37.1% 59.1% 59.1% 58.9% 57.4% 7.6%	44.1% 54.3% 54.3% 55.4% 108.0% 59.9% 7.7%	56.3% 56.3% 57.6% 128.0% 58.8% 8.7%	58.5% 58.5% 58.8% 158.0% 58.3% 8.6%	60% —	
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total adjusted assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio	48.7% 55.7% 55.7% 53.3% 56.5% 6.8% 6.8%	37.1% 59.1% 59.1% 58.9% 57.4% 7.6% 7.6%	44.1% 54.3% 54.3% 55.4% 108.0% 59.9% 7.7% 7.6% 7.0%	56.3% 56.3% 57.6% 128.0% 58.8% 8.7%	58.5% 58.5% 58.8% 158.0% 58.3% 8.6% 8.6%	60% —	
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total adjusted assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules)	48.7% 55.7% 55.7% 53.3% 56.5% 6.8% 6.8% 6.8% 12.0%	37.1% 59.1% 59.1% 58.9% 57.4% 7.6% 7.6% 7.5% 13.1%	44.1% 54.3% 54.3% 55.4% 108.0% 59.9% 7.7% 7.6% 7.0% 12.7%	56.3% 56.3% 57.6% 128.0% 58.8% 8.7% 8.6% 8.6% 14.7%	58.5% 58.5% 58.8% 158.0% 58.3% 8.6% 8.6% 8.5% 9.0% 14.6%	60% — 40% —	
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total adjusted assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, transitional rules)	48.7% 55.7% 55.7% 53.3% 56.5% 6.8% 6.8% 6.8% 12.0% 13.9%	37.1% 59.1% 59.1% 58.9% 57.4% 7.6% 7.6% 7.5% 13.1% 14.4%	44.1% 54.3% 54.3% 55.4% 108.0% 59.9% 7.7% 7.6% 7.0% 12.7% 13.5%	56.3% 56.3% 57.6% 128.0% 58.8% 8.7% 8.6% 8.6% 14.7% 16.0%	58.5% 58.5% 58.8% 158.0% 58.3% 8.6% 8.6% 8.5% 9.0% 14.6% 16.0%	60% — 40% — 20% —	
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total adjusted assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, transitional rules) Total cap. ratio (risk-weighted, transitional rules)	48.7% 55.7% 55.7% 53.3% 56.5% 6.8% 6.8% 12.0% 13.9% 15.4%	37.1% 59.1% 59.1% 58.9% 57.4% 7.6% 7.5% 13.1% 14.4% 15.1%	44.1% 54.3% 54.3% 55.4% 108.0% 59.9% 7.7% 7.6% 7.0% 12.7% 13.5% 15.5%	56.3% 56.3% 57.6% 128.0% 58.8% 8.7% 8.6% 8.6% 14.7% 16.0% 17.9%	58.5% 58.5% 58.8% 158.0% 58.3% 8.6% 8.6% 8.5% 9.0% 14.6% 16.0%	60% — 40% —	
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total adjusted assets (unweighted) Com. Equity / total adjusted assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, transitional rules) Total cap. ratio (risk-weighted, transitional rules) Gap to CET1 5.125% AT1-trigger (% of adj. lending)	48.7% 55.7% 55.7% 53.3% 56.5% 6.8% 6.8% 6.8% 12.0% 13.9% 15.4% na	37.1% 59.1% 59.1% 59.1% 58.9% 57.4% 7.6% 7.5% 13.1% 14.4% 15.1% na	44.1% 54.3% 54.3% 55.4% 108.0% 59.9% 7.7% 7.6% 7.0% 12.7% 13.5% 5.2%	56.3% 56.3% 57.6% 128.0% 58.8% 8.7% 8.6% 8.6% 14.7% 16.0% 17.9% 6.5%	58.5% 58.5% 58.8% 158.0% 58.3% 8.6% 8.6% 8.5% 9.0% 14.6% 16.0%	60% — 40% — 20% —	Cost efficiency
Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total adjusted assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, transitional rules) Total cap. ratio (risk-weighted, transitional rules)	48.7% 55.7% 55.7% 53.3% 56.5% 6.8% 6.8% 12.0% 13.9% 15.4%	37.1% 59.1% 59.1% 59.1% 58.9% 57.4% 7.6% 7.5% 13.1% 14.4% 15.1% na	44.1% 54.3% 54.3% 55.4% 108.0% 59.9% 7.7% 7.6% 7.0% 12.7% 13.5% 15.5%	56.3% 56.3% 57.6% 128.0% 58.8% 8.7% 8.6% 8.6% 14.7% 16.0% 17.9% 6.5%	58.5% 58.5% 58.8% 158.0% 58.3% 8.6% 8.6% 8.5% 9.0% 14.6% 16.0%	60% — 40% — 20% —	2013 2014 2015 2016 H1 2017

#### IMPORTANT/DISCLAIMER

This note (the "Note") must be seen as marketing material and not as an investment recommendation within the meaning of the Norwegian Securities Trading Act of 2007 paragraph 3-10 and the Norwegian Securities Trading Regulation 2007/06/29 no. 876.

The Note has been prepared by DNB Markets, a division of DNB Bank ASA, a Norwegian bank organized under the laws of the Kingdom of Norway (the "Bank"), for information purposes only. The Note shall not be used for any unlawful or unauthorized purposes. The Bank, its affiliates, and any third-party providers, as well as their directors, officers, shareholders, employees or agents (individually, each a "DNB Party"; collectively, "DNB Parties") do not guarantee the accuracy, completeness, timeliness or availability of the Note.

The analyst hereby certifies that (i) the views expressed in this report accurately reflect that research analyst's personal views about the company and the securities that are the subject of this report, and (ii) no part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by that research analyst in this report. DNB Markets employees, including research analysts, may receive compensation that is generated by overall firm profitability.

DNB Parties are not responsible for any errors or omissions, regardless of the cause, nor for the results obtained from the use of the Note, nor for the security or maintenance of any data input by the user. The Note is provided on an "as is" basis. DNB PARTIES DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE NOTE'S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE NOTE WILL OPERATE WITH ANY SOFTWARE OR HARDWARE CONFIGURATION. In no event shall DNB Parties be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs) in connection with any use of the Note, even if advised of the possibility of such damages. Any opinions expressed herein reflect the Bank's judgment at the time the Note was prepared and DNB Parties assume no obligation to update the Note in any form or format. The Note should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions. No DNB Party is acting as fiduciary or investment advisor in connection with the dissemination of the Note. While the Note is based on information obtained from public sources that the Bank believes to be reliable, no DNB Party has performed an audit of, nor accepts any duty of due diligence or independent verification of, any information it receives.

#### Conflict of interest

Confidentiality rules and internal rules restrict the exchange of information between different parts of the Bank, and between the Bank and other parts of the DNB Group, and this may prevent employees of DNB Markets who are preparing the Note from utilizing or being aware of available information that may be relevant to the recipients of the Note. The Bank and the DNB Group have incorporated internal rules and regulations in order to avoid any potential conflicts

DNB Markets/DNB group may have its own portfolio of financial instruments issued by the companies.

The analyst(s) or any close associates may hold positions in financial instruments issued by the companies.

The Analyst(s) does not receive any compensation related to a specific assignment or credit research report.

DNB Markets may have carried out assignments for the issuers and received compensation during the last 12 months.

The Note is not an offer to buy or sell any security or other financial instrument or to participate in any investment strategy. Distribution of material like the Note is in certain jurisdictions restricted by law. Persons in possession of the Note should seek further guidance regarding such restrictions before

The Note is for clients only, and not for publication, and has been prepared for information purposes only by DNB Markets - a division of DNB Bank ASA registered in Norway with registration number NO 984 851 006 (the Register of Business Enterprises) under supervision of the Financial Supervisory Authority of Norway (Finansitisynet), the Monetary Authority of Singapore, and on a limited basis by the Financial Conduct Authority and the Prudential Regulation Authority of the UK, and the Financial Supervisory Authority of Sweden. Details about the extent of our regulation by local authorities outside Norway are available from us on request. Information about DNB Markets can be found at dnb.no.

#### Additional information for clients in Singapore

The Note has been distributed by the Singapore Branch of DNB Bank ASA. It is intended for general circulation and does not take into account the specific investment objectives, financial situation or particular needs of any particular person. You should seek advice from a financial adviser regarding the suitability of any product referred to in the Note, taking into account your specific financial objectives, financial situation or particular needs before making a commitment to purchase any such product.

You have received a copy of the Note because you have been classified either as an accredited investor, an expert investor or as an institutional investor, as these terms have been defined under Singapore's Financial Advisers Act (Cap. 110) ("FAA") and/or the Financial Advisers Regulations ("FAR"). The Singapore Branch of DNB Bank ASA is a financial adviser exempt from licensing under the FAA but is otherwise subject to the legal requirements of the FAA and of the FAR. By virtue of your status as an accredited investor or as an expert investor, the Singapore Branch of DNB Bank ASA is, in respect of certain of its dealings with you or services rendered to you, exempt from having to comply with certain regulatory requirements of the FAA and FAR, including without limitation, sections 25, 27 and 36 of the FAA Section 25 of the FAA requires a financial adviser to disclose material information concerning designated investment products which are recommended by the financial adviser to you as the client. Section 27 of the FAA requires a financial adviser to have a reasonable basis for making investment recommendations to you as the client. Section 36 of the FAA requires a financial adviser to include, within any circular or written communications in which he makes recommendations concerning securities, a statement of the nature of any interest which the financial adviser (and any person connected or associated with the financial adviser) might have in the securities.

Please contact the Singapore Branch of DNB Bank ASA at +65 6212 0753 in respect of any matters arising from, or in connection with, the Note.

The Note is intended for and is to be circulated only to persons who are classified as an accredited investor, an expert investor or an institutional investor. If you are not an accredited investor, an expert investor or an institutional investor, please contact the Singapore Branch of DNB Bank ASA at +65 6212 0753.

We, the DNB group, our associates, officers and/or employees may have interests in any products referred to in the Note by acting in various roles including as distributor, holder of principal positions, adviser or lender. We, the DNB group, our associates, officers and/or employees may receive fees, brokerage or commissions for acting in those capacities. In addition, we, the DNB group, our associates, officers and/or employees may buy or sell products as principal or agent and may effect transactions which are not consistent with the information set out in the Note.

#### Additional information for clients in the United States

Each research analyst named on the front page of this research report, or at the beginning of any subsection hereof, hereby certifies that (i) the views expressed in this report accurately reflect that research analyst's personal views about the company and the securities that are the subject of this report; and (ii) no part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed

by that research analyst in this report.

The research analyst (s) named on this report are foreign research analysts as defined by NASD Rule 1050. The only affiliate contributing to this research report is DNB Bank through its DNB Markets division ("DNB Markets/DNB Bank"); the foreign research analysts employed by DNB Markets/DNB Bank are not registered/qualified as research analysts with FINRA; foreign research analysts are not associated persons of DNB Markets, Inc. and therefore are not subject to the restrictions set forth in FINRA Rules 2241 and 2242 regarding restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

This is a Third Party Research Report as defined by FINRA Rules 2241 and 2242. Any material conflict of interest that can reasonably be expected to have influenced the choice of DNB Markets/DNB Bank as a research provider or the subject company of a DNB Markets/DNB Bank research report, including

the disclosures required by FINRA Rules 2241 and 2242 can be found above.

This report is being furnished solely to Major U.S. Institutional Investors within the meaning of Rule 15a-6 under the U.S. Securities Exchange Act of 1934 and to such other U.S. Institutional Investors as DNB Markets, Inc. may determine. Distribution to non-Major U.S. Institutional Investors will be made only by DNB Markets, Inc., a separately incorporated subsidiary of DNB Bank that is a U.S. broker-dealer and a member of the Financial Industry Regulatory Authority ("FINRA") and the Securities Investor Protection Corporation ("SIPC").

Any U.S. recipient of this report seeking to obtain additional information or to effect any transaction in any security discussed herein or any related instrument or investment should contact DNB Markets, Inc., 200 Park Avenue, New York, NY 10166-0396, telephone number +1 212-551-9800.

# Contacts Credit research

#### Ole Einar Stokstad

Head of Credit Research, Financials +47 24 16 90 48 ole.einar.stokstad@dnb.no

Rolv Kristian Heitmann

Financials & Utilities +47 24 16 90 49 rolv.kristian.heitmann@dnb.no

#### Magnus Vie Sundal

Credit Strategist +47 24 16 91 23 magnus.vie.sundal@dnb.no

Vegard Kjølhamar

High-Yield Corporates +47 24 16 90 45 vegard.kjolhamar@dnb.no



### Mikael Løkken Gjerding

High-Yield Oil/Offshore/Shipping +47 24 16 90 47 mikael.lokken.gjerding@dnb.no

Thomas Larsen

High-Yield Oil/Offshore/Shipping +47 24 16 90 44 thomas.larsen@dnb.no

Martin Børter

High-Yield Oil/Offshore/Shipping +47 24 16 90 46 martin.borter@dnb.no

Shawn Courcelles

High-Yield Oil/Offshore/Shipping +47 24 16 91 28

shawn.courcelles@dnb.no

+46 8 473 48 71

+46 8 597 91 215

+46 8 473 48 75

+46 8 473 48 21 +46 8 473 48 59

+46 8 473 48 55 +46 8 473 48 34

+46 8 473 48 73 +46 8 597 91 217

+46 8 473 48 38



# High-yield

Fredrik Hössjer High-Yield Corporates +46 8 597 912 16 fredrik.hossjer@dnb.se

Investment grade

Karin Busch

High-Yield Corporates +47 24 16 90 51 karin.busch@dnb.no

Kristina Solbakken Lund

Investment Grade & High-Yield Corp. +47 24 16 90 51

ksl@dnb.se (maternity leave)

Investment Grade & High-Yield Corp. +46 8 473 48 49 erik.oberg@dnb.se

#### Fixed income sales

#### Oslo - Investment Grade

Jan Krogh-Vennemo Khagani Agaev Elisabeth Agre Morten Fornes Hedda Giæver De Cong Lu Morten Madsen Trond S. Marthinsen Dag Bernt Nilsen Kristian Bratseth Nilsen Margrethe Ouren Jannis Rikvold Hanna Tronrud

Oslo – High Yield Nils-Jørgen Fimland Alain Britt-Côté

Fredrik T. Eliassen

Rune B. Liholt Erich Normann

Christian Malde

Joakim Ben Riala Petter M. Rishovd

+47 24 16 90 15 +47 24 16 90 61 +47 24 16 90 13 jan.vennemo@dnb.no khagani.agaev@dnb.no elisabeth.agre@dnb.no morten.fornes@dnb.no +47 24 16 90 18 +47 24 16 91 05 +47 24 16 90 12 +47 24 16 90 22 +47 24 16 90 19 hedda.giaever@dnb.no de.cong.lu@dnb.no morten.madsen@dnb.no trond.marthinsen@dnb.no +47 24 16 90 19 +47 24 16 90 11 +47 24 16 90 84 +47 24 16 94 25 +47 24 16 90 16 dag.nilsen@dnb.no kristian.nilsen@dnb.no margrethe.ouren@dnb.no jannis.rikvold@dnb.no hanna.tronrud@dnb.no +47 24 16 90 14

nils-jorgen.fimland@dnb.no alain.britt-cote@dnb.no fredrik.thorso.eliassen@dnb.no +47 24 16 90 23 +47 24 16 90 23 +47 24 16 90 09 +47 24 16 91 03 +47 24 16 90 25 +47 24 16 91 13 rune.liholt@dnb.no erich.normann@dnb.no christian.malde@dnb.no Joakim.ben.riala@dnb.no petter.rishovd@dnb.no +47 24 16 90 26 +47 24 16 94 16 +47 24 16 90 21

Oslo - Fixed Income and Real Estate

Frank Rognes Bård Løkken Harald Taarud Simen Wiedswang

frank.rognes@dnb.no bard.lokken@dnb.no +47 24 16 91 15 +47 73 87 49 85 +47 61 24 79 57 harald.taarud@dnb.no simen.wiedswang@dnb.no +47 24 16 90 17

**New York** Lars Nyhus Ole Martin Bosåen

lars.nyhus@dnb.no ole.martin.bosaen@dnb.no +1 212 681 3911 +1 212 681 3918 John Parker Brian Moevilly john.parker@dnb.no brian.mcevilly@dnb.no +1 212 551 9852 +1 212 551 9897

Singapore Chee Keen Ng Eleana Mei Ling Chan chee.keen.ng@dnbbank.com eleana.chan@dnbbank.com +65 6220 2122 +85 8220 7717

Stockholm

viktor.jansson@dnb.se Viktor Jansson Daniel Andersson daniel.andersson@dnb.se fredrik.boklund@dnb.se Fredrik Boklund jamil.ekring@dnb.se robert.fredholm@dnb.se Jamil Ekring Robert Fredholm erik.bjorkman@dnb.se arin.kamangar@dnb.se pontus.kylander@dnb.se camilla.ohlsson@dnb.se Erik Björkman Arin Kamangar Pontus Kylander Camilla Ohlsson Ulf Pettersson ulf.pettersson@dnb.se

## Financing Group - Bond origination

## Oslo

Jarl H. Brevik Knut Eivind Haaland Haakon Magne Ore Peter Choi Rohn Preben Stray

Henning Sørlie Frode Sævig

London Padraig Harrington Stuart Fidler

JoJo Thirasilna New York/Houston Robert Christensen Daniel Hochstadt

Singapore Joachim Skorge Eline Stokstad Fjell Mattis Hystad

Stockholm Karl Johan Kulling Johan Edin Henrik Kansmark Kristofer Pousette Nina Ahlstrand

stuart.fidler@dnb.no

jojo.thirasilpa@dnb.no

#### peter.behncke@dnb.no +47 24 16 93 62 +47 24 16 93 52 +47 24 16 93 61 jarl.brevik@dnb.no knut.eivind.haaland@dnb.no haakon.magne.ore@dnb.no +47 24 16 93 49

peter.choi.rohn@dnb.no preben.stray@dnb.no henning.sorlie@dnb.no frode.savig@dnb.no +47 41 20 06 59 +47 24 16 93 63 +47 24 16 93 57 +47 24 16 93 55 padraig.harrington@dnb.no +44 20 7621 6021

robert.christensen@dnb.no daniel.hochstadt@dnb.no +1 212 551 9831 +1 212 681 3990

joachim.skorge@dnb.no eline.stokstad.fjell@dnb.no mattis.hystad@dnb.no (paternity leave) +65 6212 06 70 +65 6212 06 97

+46 8 473 48 67 +46 76 466 69 21 karijohan.kulling@dnb.se johan.edin@dnb.se henrik.kansmark@dnb.se kristofer.pousette@dnb.se nina.ahlstrand@dnb.se +46 76 466 69 22 +46 8 473 48 77 + 46 8 473 48 78

# Fixed income syndication desk

Oslo Pål Vammervold Anders Aronsveen Pål Hegseth Caroline Marie Nytvedt Knut Olav Rønningen

pal.vammervold@dnb.no anders.aronsveen@dnb.no pal.hegseth@dnb.no caroline.nytvedt@dnb.no knut.olav.rønningen@dnb.no

+47 24 16 93 68 +47 47 25 70 47 +47 24 16 93 54 +47 99 77 75 19 +47 93 25 53 85

+44 20 7621 6129 +44 20 7621 6056

