

# **Nordea Eiendomskreditt Covered Bonds**

Q3 2018 Debt investor presentation

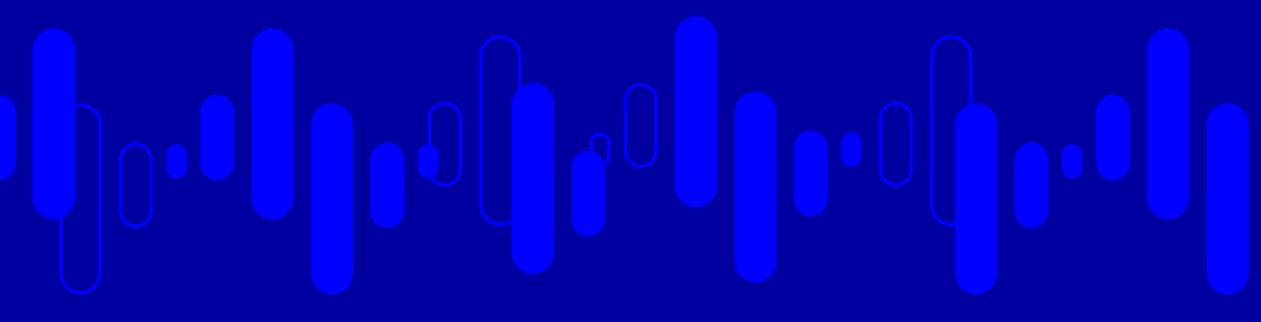
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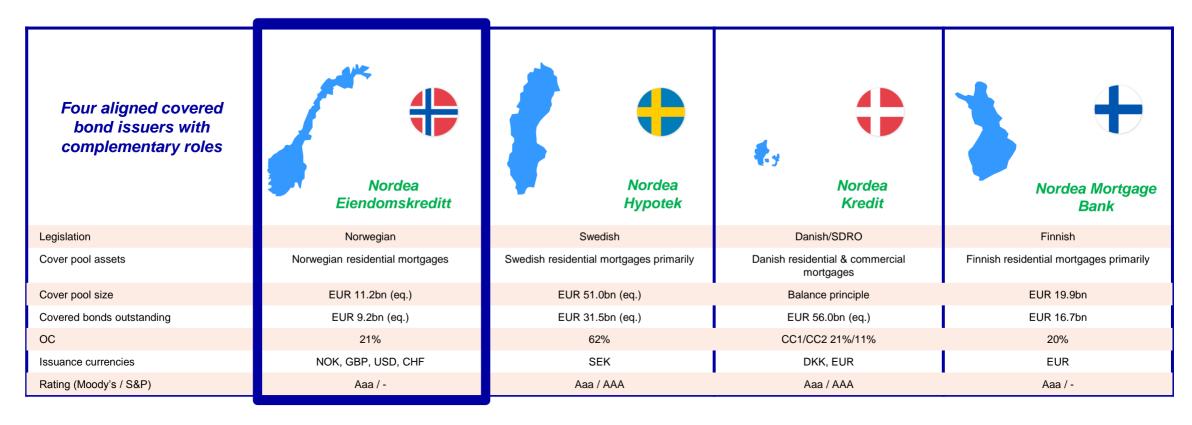
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# 1. In brief



## Nordea covered bond operations



- Covered bonds are an integral part of Nordea's long term funding operations
- Issuance in Scandinavian and international currencies
- ECBC Covered Bond Label on all Nordea covered bond issuance

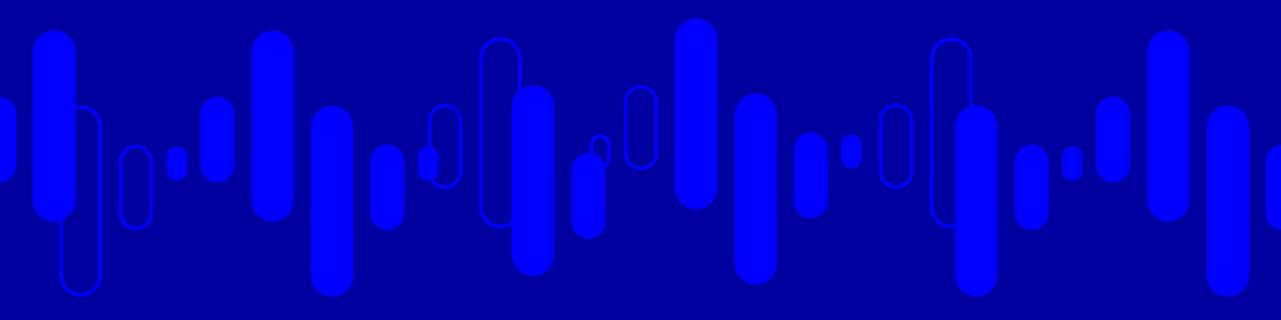




### Nordea Eiendomskreditt – overview

- A 100% owned subsidiary of Nordea Bank Abp (as of 1 October 2018)
- The purpose of the Issuer is to acquire and provide residential mortgage loans and finance its activities mainly through issuance of covered bonds
- Loans in Nordea Eiendomskreditt (NE) are originated by Nordea Bank Abp, Norwegian branch and subsequently transferred to NE
  - Collateral must be in the form of mortgages in residential real estate or in shares in housing cooperatives
  - At the time of transfer, the loans are not in default, i.e. payments of installments and interest are not overdue at the time of transfer
- Approx. 14% market share of outstanding covered issuance in Norwegian market
- Cost-effective loan origination and service through Nordea Bank's nationwide Norwegian branch network and internet
- Covered bonds rated Aaa by Moody's

# 2. Cover pool characteristics



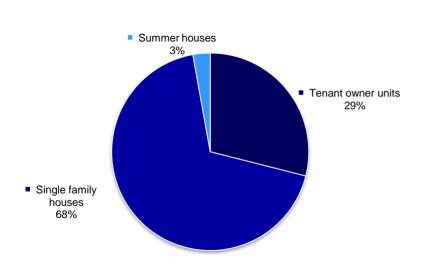
## **Cover pool key characteristics**

Cover pool summary			
Pool notional	NOK 105.8bn		
Outstanding Covered Bonds	NOK 87.1bn		
Cover pool content	Mortgage loans secured by Norwegian residential collateral		
Geographic distribution	Throughout Norway with concentration to urban areas		
Asset distribution	100% residential		
Weighted average LTV	47.9% (indexed, calculated per property)		
Average Ioan size	NOK 1.5m		
Over Collateralisation (OC)	21.5%, (2% legal requirement)		
Rate type	Floating 97.9%, Fixed 2.1%		
Amortisation	Bullet/ interest only 33.0%, Amortizing 67.0%		
Pool type	Dynamic		
Loans originated by	Nordea Bank Abp (as of 1 October 2018), Norway Branch		

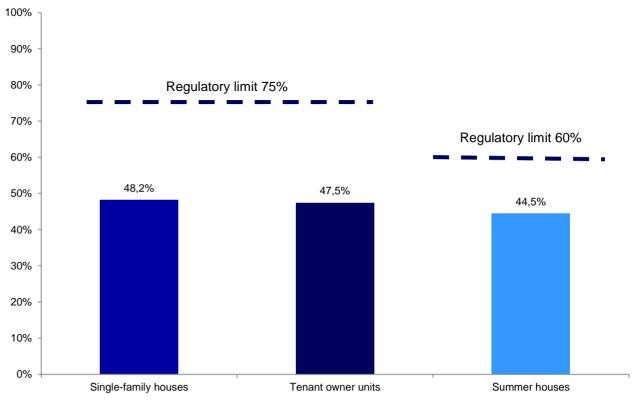
## **Cover pool key characteristics (2)**

Q3 2018

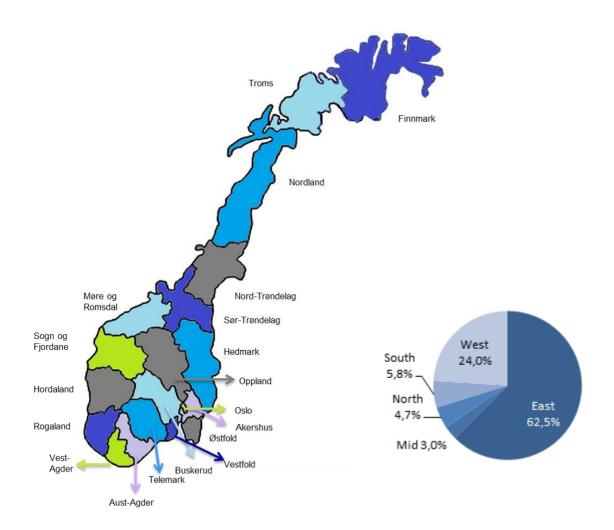
#### Cover pool balance by loan category



## Weighted Average LTV – Indexed



## **Cover pool – geographic distribution**



Fylke	Loan balance	Region	
Akershus	17,17%	East	
Aust-Agder	1,57%	South	
Buskerud	4,23%	East	
Finnmark	0,46%	North	
Hedmark	1,94%	East	
Hordland	10,96%	West	
Møre og Romsdal	7,58%	West	
Nordland	2,01%	North	
Oppland	3,75%	East	
Oslo	23,19%	East	
Rogaland	4,40%	West	
Sogn og Fjordane	1,17%	West	
Svalbard	0,00%	North	
Telemark	2,98%	East	
Troms	1,18%	North	
Trøndelag	2,24%	Mid	
Vest-Agder	4,26%	South	
Vestfold	3,54%	East	
Østfold	7,39%	East	

# 3. Asset quality

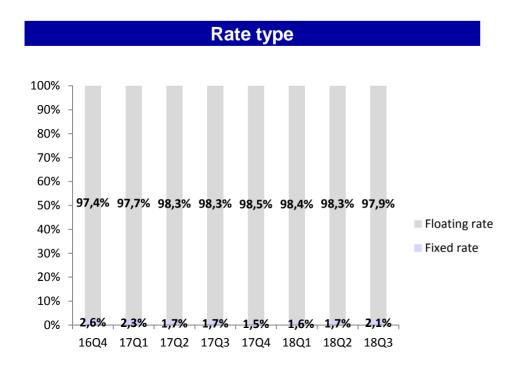


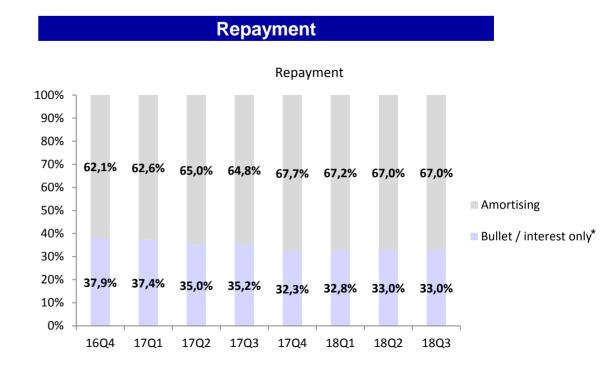
# Loan to Value (LTV) Each loan is reported in the highest bucket

Each loan is reported in the highest bucke Q3 2018

Weighted Average LTV - Unindexed	48.2%	
LTV buckets	Nominal (NOKm)	% Residential Loans
>0 - <=40 %	33 356	31,43%
>40 - <=50 %	18 930	17,89%
>50 - <=60 %	22 704	21,46%
>60 - <=70 %	19 301	18,24%
>70 - <=80 %	11 628	10,99%
Total	105 819	100%
Weighted Average LTV - Indexed	47.9%	
LTV buckets	Nominal (NOKm)	% Residential Loans
>0 - <=40 %	33 931	32,07%
>40 - <=50 %	19 170	18,12%
>50 - <=60 %	22 807	21,55%
>60 - <=70 %	18 941	17,90%
>70 - <=80 %	10 970	10,37%
Total	105 819	100%

### Loan structure





## **Underwriting criteria**

#### Q3 2018

### Affordability

- Customers ability to service its commitment out of its cash flow/income is critical
- Repayment ability of borrowers is calculated using stressed scenarios. Customers must manage 5 percentage points increase on interest rate on all debt
- Scoring of retail customers

### Payment history

Credit bureau check is always conducted. Potential external payment remarks are revealed

#### Collateral

- Information from Norwegian official property register in order to secure correct real estate ownership and priority
- Nordea accepts four sources of real estate valuations:
  - a) Written statement from external authorized valuer
  - b) Last sales price (within 6 months)
  - c) Use of external evaluating system "Eiendomsverdi" (used by most banks and real estate agents in Norway)
  - d) Written statement from (external) real estate agent

# 5. Covered Bond framework



## Norwegian covered bond framework

- Legal framework
  - Norwegian Financial Institutions Act (2007)
- Registration and independent inspector
  - A mortgage credit institution shall for each cover pool establish a register of loans, interest rate contracts and foreign exchange contracts, substitute assets and covered bonds
  - The institution shall put forward an independent inspector who shall be appointed by the FSA "Finanstilsynet"
- Limit on LTV ratio based on the current value
  - 75% for housing loans (residential property)
  - 60% for commercial loans (commercial property)
- Matching cover requirements
  - The value of the cover pool shall at all times exceed the value of covered bonds with a preferential claim over the pool and account shall be taken of the mortgage credit institution's derivative contracts
- Liquidity requirements
  - The mortgage credit institution shall ensure that the payment flows from the cover pool enable the mortgage credit institution to honour its payment obligations towards holders of covered bonds and counterparties to derivative contracts at any and all times

# 6. Macro



### **Robust Nordic economies**

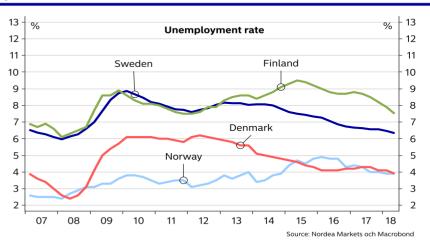
#### **GDP** development



#### **Comments**

- The Nordics are enjoying a solid economic development.
   While the synchronised global recovery supports exports, the accommodative monetary polices support domestic demand
- Short-term survey indicators have declined somewhat from elevated levels, but nevertheless suggest that growth will be held up fairly well in the near-term

#### **Unemployment rate**



#### **GDP** forecast, %

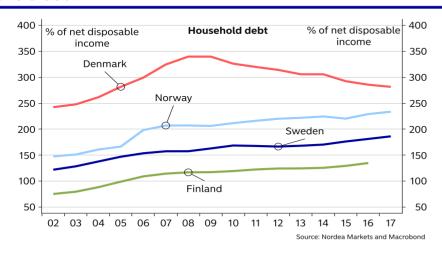
Country	2016	2017	2018E	2019E	2020E
Denmark	2.0	2.3	1.0	1.8	1.7
Finland	2.5	2.8	3.0	2.0	1.5
Norway	1.1	2.0	2.4	2.7	2.5
Sweden	3.0	2.5	2.8	2.1	1.8

Source: Nordea Markets Economic Outlook September 2018 and Macrobond

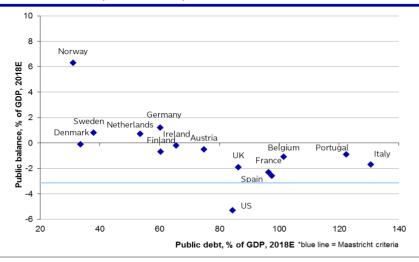


## Household debt remains high, but so is private and public savings

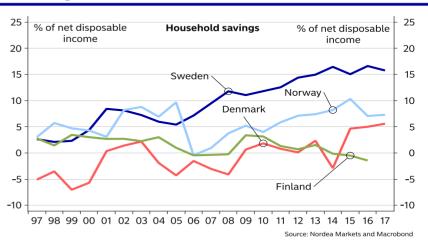
#### Household debt



#### Public balance/debt, % of GDP, 2018E



#### **Household savings**

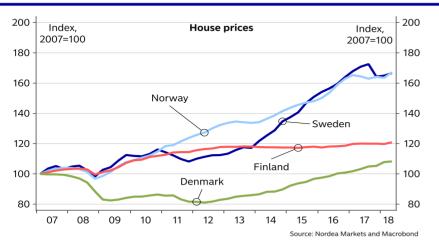


#### Comments

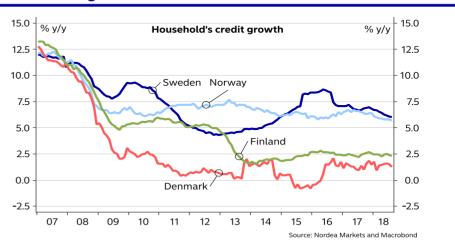
- In all countries, apart from Denmark, household debt continues to rise somewhat faster than income. Meanwhile, households' savings rates remain at high levels, apart from Finland where savings have declined somewhat in recent years
- The Nordic public finances are robust due to the overall economic recovery and relatively strict fiscal policies. Norway is in a class of its own due to oil revenues

## House price development in the Nordics

#### **House prices**



#### Household's credit growth



#### **Comments**

- Recent quarters have shown stabilisation in the Swedish and Norwegian housing markets, while prices continue to rise in Denmark and to some extent also in Finland.
- In Sweden house prices declined during H2 2017 but the trend has levelled out in 2018, despite increased regulations which was expected to put downward pressure on house prices. The price correction is probably caused by the marked rise in new buildings seen in recent years. Going forward, largely stagnant prices are expected as mortgage rates are expected to stay low
- In Norway, primarily in Oslo, house prices turned down during 2017. The downturn was primarily driven by stricter lending
  requirements introduced 1 January 2017. However, prices have levelled out, and even increased somewhat in Oslo, in recent months.
  Largely unchanged prices are forecast ahead.

# 7. Further information



## **Covered bonds – outstanding volumes**

Breakdown by ISIN					
ISIN	Currency	Amount (NOKm)	Maturity	Coupon (%)	
NO0010647241	NOK	11 070	2019-06-19	FRN	
NO0010692767	NOK	2 380	2019-06-19	3,05	
NO0010703531	NOK	13 115	2020-06-17	FRN	
NO0010741903	NOK	14	2020-06-17	1,75	
NO0010729817	NOK	11 000	2021-06-16	FRN	
NO0010584345	NOK	9 383	2021-06-16	4,25	
NO0010758931	NOK	4 615	2022-06-15	1,08	
NO0010759632	NOK	12 000	2022-06-15	FRN	
NO0010819717	NOK	9 470	2023-06-21	FRN	
NO0010593064	NOK	550	2025-06-18	4,8	
NO0010766827	NOK	500	2031-06-18	1,75	
NO0010812084	NOK	300	2043-06-17	2,20	
NO0010821986	NOK	300	2048-05-04	2,60	
XS1210746134	GBP	1 526	2020-03-30	FRN	
XS1342698047	GBP	6 518	2019-01-14	FRN	
XS1487838291	GBP	133	2021-09-09	FRN	
XS1837099339	GBP	3 270	2023-06-18	FRN	
XS1451306036	EUR	938	2031-07-15	0,74	
	Total	87 082			

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