



# **DNB Capital Markets Day 2017**

Time	Title	On stage
12.30	DNB towards 2020	Rune Bjerke
12.50	ROE target within reach	Kjerstin Braathen
13.20	High portfolio quality	Terje Turnes
13.30	Break	
13.50	LCI – Transforming the way we do business	Harald Serck-Hanssen
14.05	Positioning Personal Banking for the future	Trond Bentestuen
14.20	Vipps: From P2P to business transactions	Rune Bjerke and Rune Garborg
14.35	Q&A	Rune Bjerke and Kjerstin Braathen

# DNB towards 2020

DNB

**ROE**: Our main priority

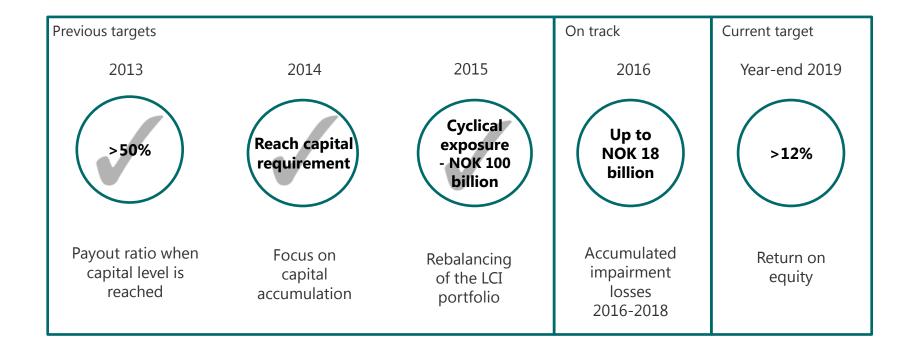
CAPITAL: Solid capital position ensures high payout capacity, even with Basel IV

THE NORWEGIAN ECONOMY: Low volatility and positive outlook



#### Financial track record

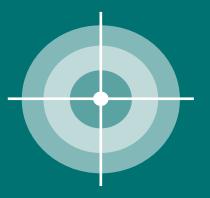
#### – We have delivered on our promises



# The road ahead: Financial ambitions towards year-end 2019

> 12 per cent ROE

Overriding target



> 50 per cent payout ratio

Dividend policy

< 40 per cent C/I ratio

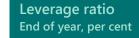
Key performance indicator

~16.1 per cent CET1 ratio\*

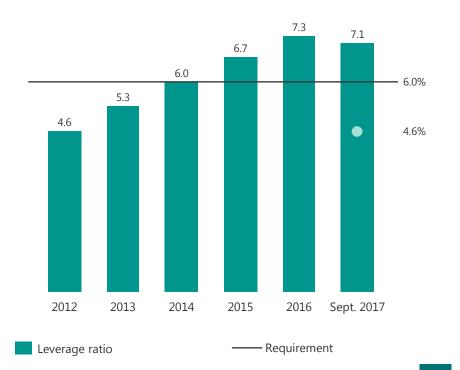
# DNB is in a new phase after years of capital build-up...

– Well positioned for future Basel regulations





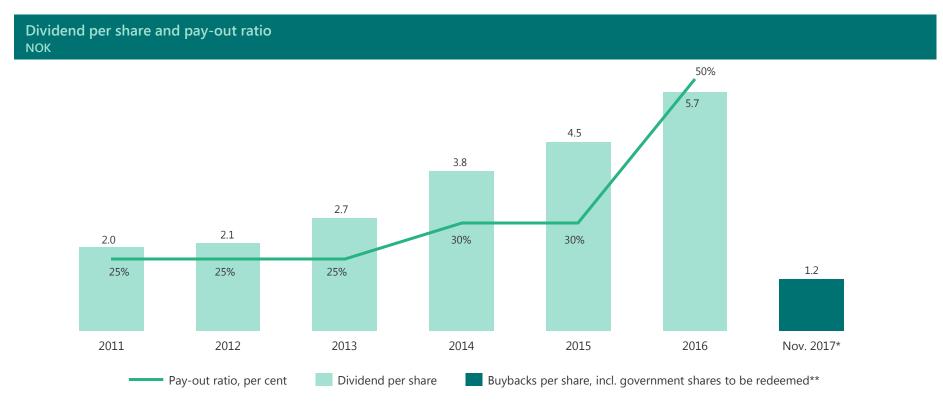




<sup>\*</sup>Based on transitional rules

### ...ensuring a high payout capacity

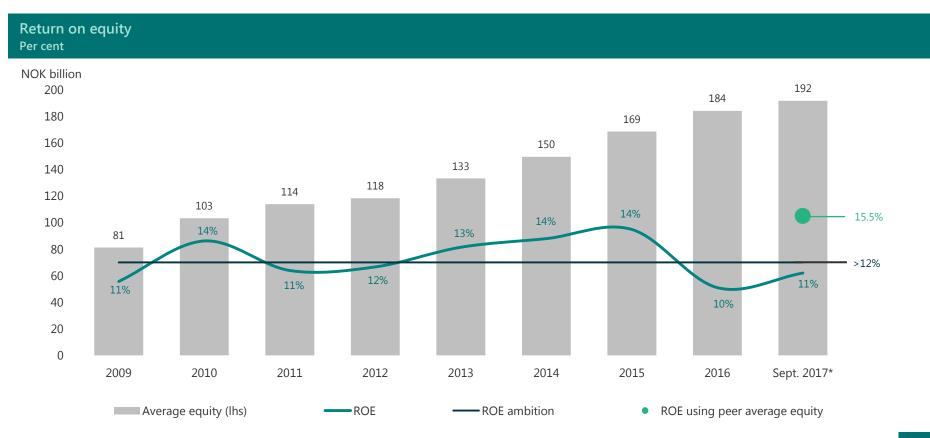
- Distribution of excess capital: Nominal increase in cash dividend combined with share buybacks



<sup>\*</sup>As at 14 November 2017.

<sup>\*\*</sup>We have completed the first buyback programme of 0.5 per cent. The second programme is 60 per cent completed. According to an agreement, the Norwegian government will redeem shares on a proportionate basis so that its current holding will remain unchanged at 34 per cent.

# ROE > 12 per cent towards year-end 2019



<sup>\*</sup>ROE annualised adjusted for MTM effects and gains from the carve out of Vipps. Average equity year to date.

# The Norwegian economy

DNB

Low volatility and positive outlook



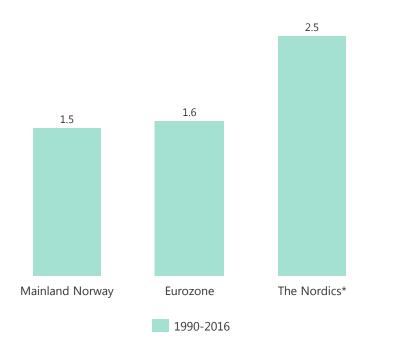
# Norwegian economy: low volatility and positive outlook

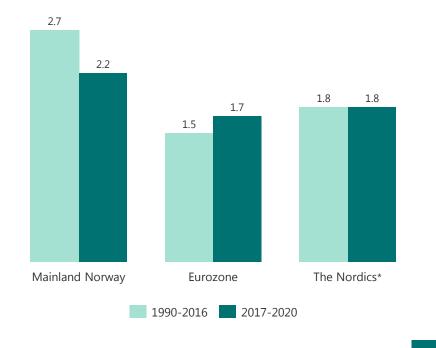
Growth picking up

Average real GDP – standard deviation Historical, year-on-year, per cent

Average real GDP growth

Historical and estimated, year-on-year, per cent

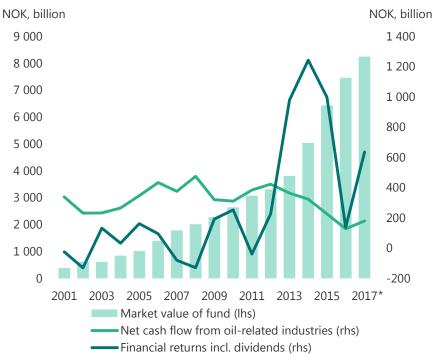




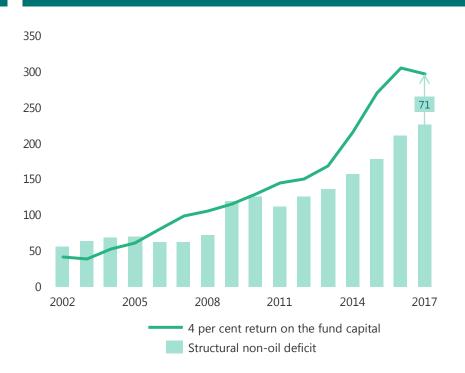
## Norway is in a strong financial position

- Use of fiscal and monetary policy measures to smooth cycles





#### National budget's structural non-oil deficit NOK billion (2017 prices)

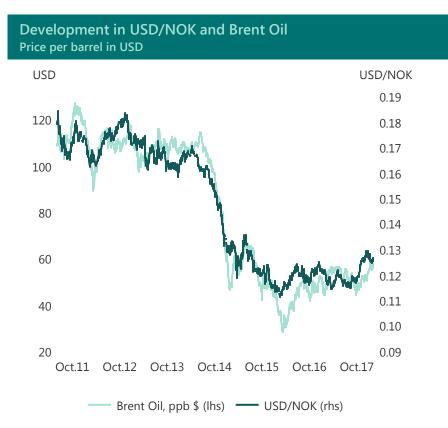


\*Nov. 2017

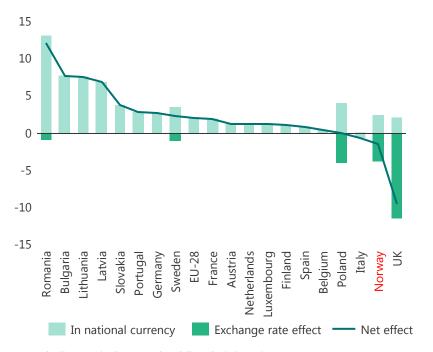
Source: Norwegian Ministry of Finance, Norges Bank

### A floating currency provides a natural hedge

Eases the transition of the Norwegian economy



# Exchange rate effect on labour costs\* Relative change\*\* in hourly labour costs, 2016 year-on-year, per cent



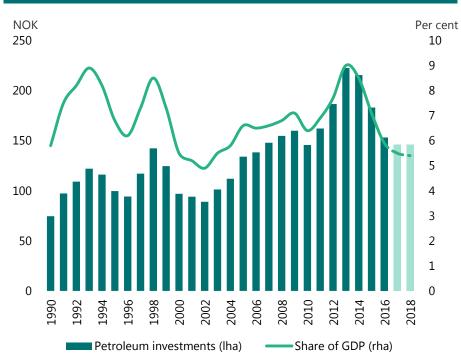
<sup>\*</sup>Excluding agriculture and public administration

<sup>\*\*</sup>Relative to EU member states

## Petroleum investments are stabilising at a high level

- Lower break-even price ensures a competitive Norwegian continental shelf





# Break-even price: Sanctioned vs April 2017 USD per barrel, Brent Blend



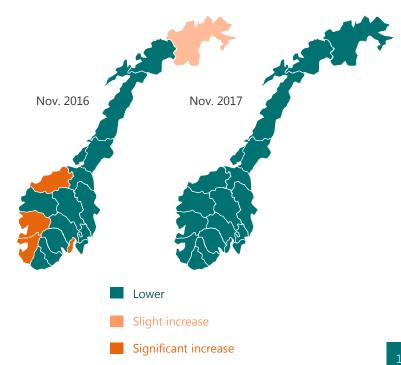
## Operating in a robust Norwegian economy

Positive GDP growth and low unemployment rates



Unemployment rate by county Nov. 2016 vs. Nov. 2017, year-on-year





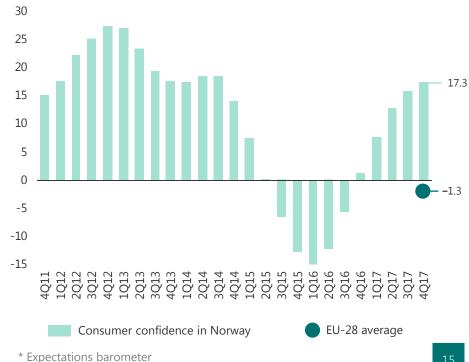
Source: Statistics Norway

## A healthy adjustment in the housing market

- Norwegian households are optimistic about the future



#### Consumer confidence\* Index, seasonally adjusted



# DNB towards 2020

DNB

**ROE**: Our main priority

CAPITAL: Solid capital position ensures high dividend capacity, even with Basel IV

THE NORWEGIAN ECONOMY: Low volatility and positive outlook



# ROE target within reach



- Well capitalised, also with Basel IV
- Aiming to increase dividend per share combined with share buybacks
- DNB Livsforsikring in dividend position will strengthen DNB's payout capacity
- Positive Norwegian macro outlook and strategic initiatives strengthen revenue platform
- Positioned for further cost reductions through digital transformation



## DNB has reached the capital requirement after years of capital build-up

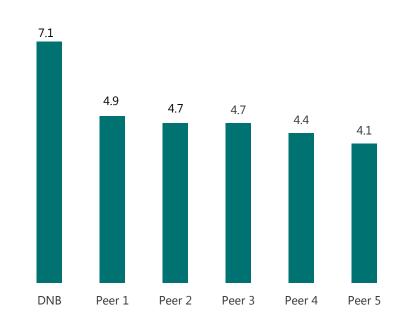
- Well positioned for future regulatory changes

#### CET1 ratio\* above the target level for year-end 2017 Per cent

■ Pillar 2 ~ 1.6



#### Leverage ratio is well above the requirement Per cent at end-September 2017



CET1 ratio

target

CET1 ratio

30 Sept. 2017

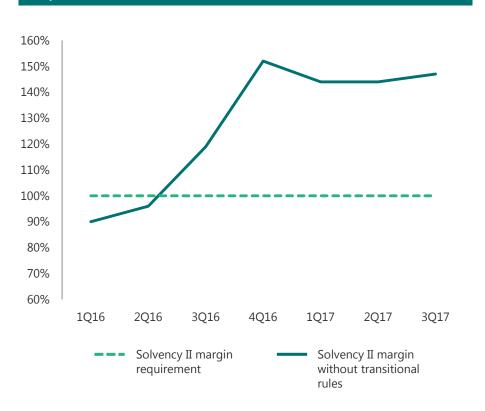
<sup>\*</sup>Based on transitional rules, including 50 per cent of interim profits.

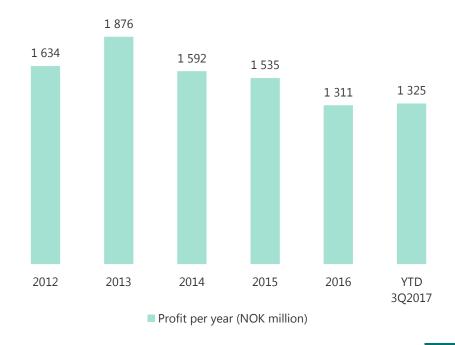
## DNB Livsforsikring in dividend position for the first time in ten years

– Will strengthen DNB's total payout capacity from 2018

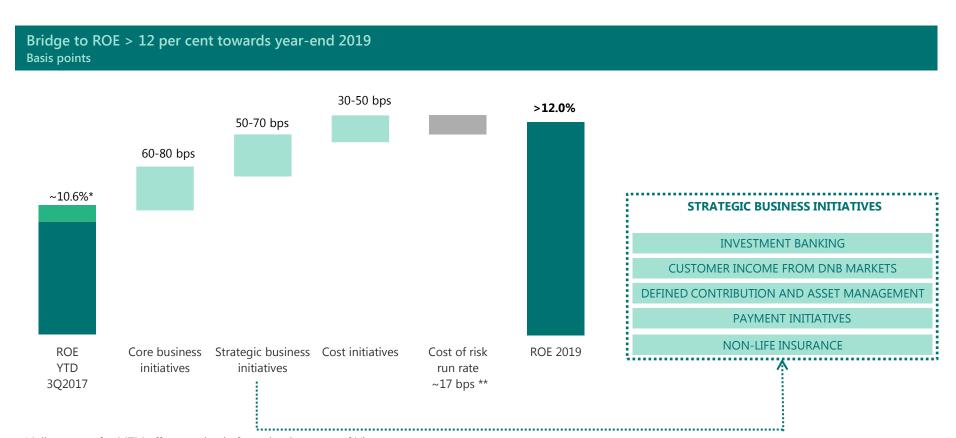
Solvency position without transitional rules well above requirement

Strong future dividend capacity





# A return on equity above 12 per cent remains our main priority



<sup>\*</sup>Adjustments for MTM effects and gain from the demerger of Vipps

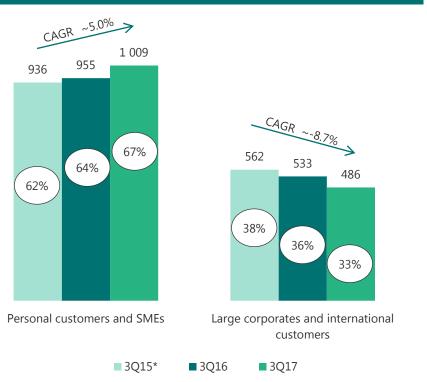
<sup>\*\*</sup>Basis point of EAD

## Profitable volume growth will improve return on equity





Strong volume growth for personal customers and SMEs Loans to customers (NOK billion) and portfolio composition (per cent)



Approaching normalised volume growth as LCI rebalancing continues at a slower pace

- Profitable volume growth for personal customers, SMEs and core LCI customers is expected to continue
- Rebalancing in LCI continues, but at a slower pace
  - Continue reduction in exposure to shipping and oil-related industries

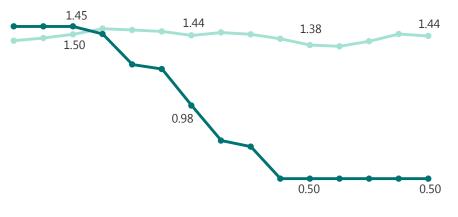
<sup>\*</sup>Adjusted for organisational changes in DNB Finans

# Stable margins over time despite low interest rate environment



#### Optimising margins in a competitive market

#### Positive outlook for key policy rate provides greater flexibility



- A large portion of our portfolio can be repriced
  - 90% of mortgages and 30% of SME loan book can be repriced
  - A marginal portion of the deposit book in NOK is fixed-rate, whereas 75% of total NOK deposits can be repriced
- SMEs and large corporates have individually priced margins

\*Source: Norges Bank

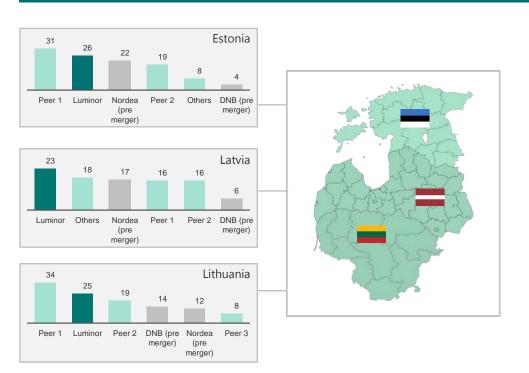
Net interest margin (per cent) 

→ Key policy rate\* (per cent)

# Luminor: Joint venture to strengthen our position across the Baltics



# Loan market share\*, pre and post merger Per cent, 2016



#### Strong operating platform

- Economies of scale cost synergies
- Good match: Complementary customer bases and different business focus areas
- Making the bank more attractive to local customers:
  - Speed and flexibility decisions are made locally
  - Strong operating platform and core banking system

#### Well positioned in a growing market

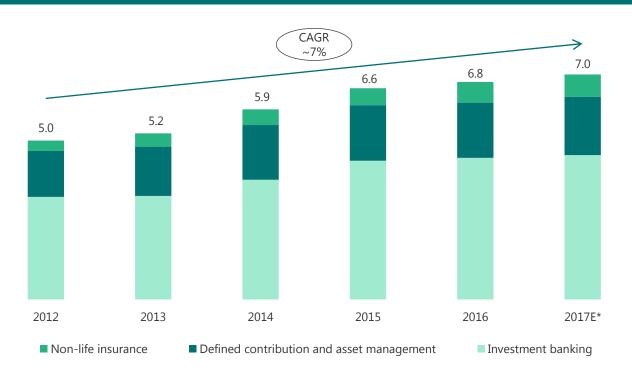
- Baltics: GDP growth is picking up, supported by strong tailwinds and highly accommodative monetary and fiscal policies
- Lending and deposit volumes in the Baltic market are expected to grow at an annual rate of 4% towards 2020

<sup>\*</sup>Source: European Central Bank, Boston Consulting Group, BA-HR

# Revenue growth from strategic business initiatives will build return on equity



Revenues from strategic business initiatives have increased by 42% since 2012 NOK billion



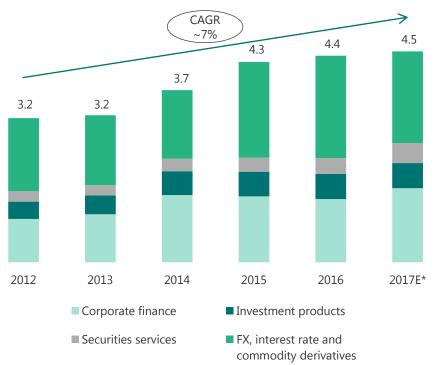
\*2017 annualised per 3Q

### We have expanded our investment banking platform

An essential part of the Originate and Distribute strategy for LCI segment



Customer revenues from DNB Markets – up by 41% since 2012 NOK billion



Successful development of investment banking platform for future growth

- Leading position within investment banking in Norway
- No. 2 in research in the Nordics in 2017\*\*
- The Norwegian and Swedish high-yield markets have developed into a Nordic market, with an all-time-high new issue volume this year
  - DNB has a leading position
- Expanded product range, diversified by geography and industry

<sup>\*2017</sup> annualised per 3Q

<sup>\*\*</sup>Source: Extel 2017, Nordic Equity Research

## Further growth potential for asset management

- Wealth management products stimulated by government incentives

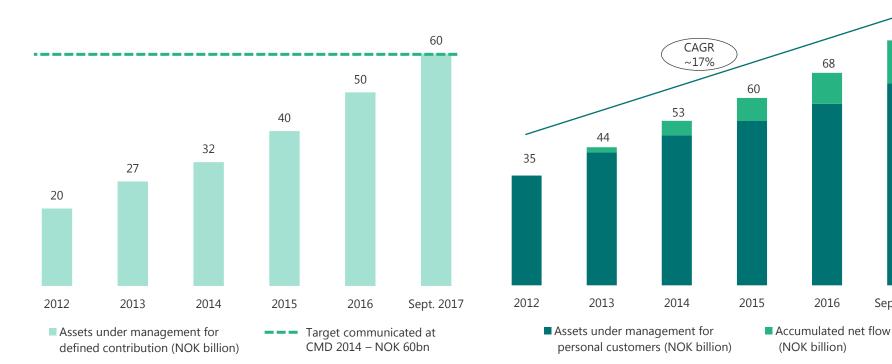


68

2016

Assets under management for defined contribution have tripled since 2012

Assets under management for personal customers have more than doubled since 2012



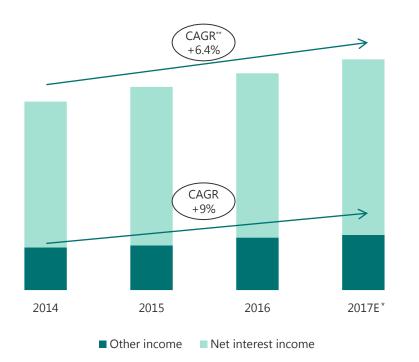
Sept. 2017

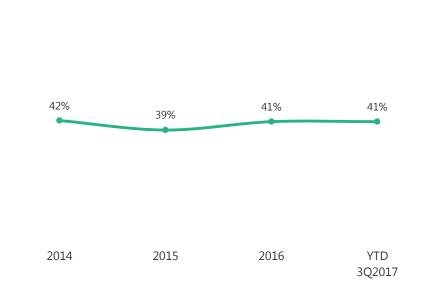
# SMEs will be an important future contributor to ROE growth



Other income growth driven by customer revenues from DNB Markets

Cost/income ratio stable and moving in the right direction





<sup>\*2017</sup> annualised per 3Q

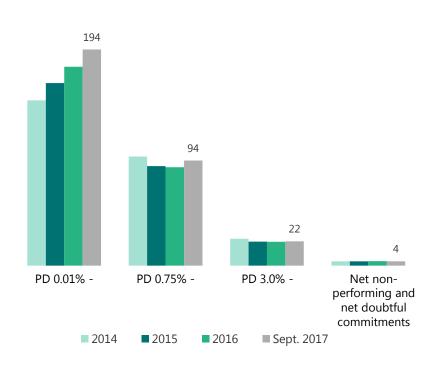
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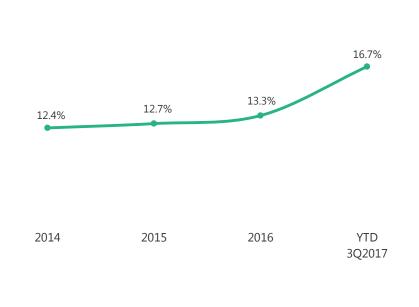
# Strong profitability development in the SME segment



Growth supported by positive trend in portfolio quality NOK billion

Return on allocated capital in SME segment



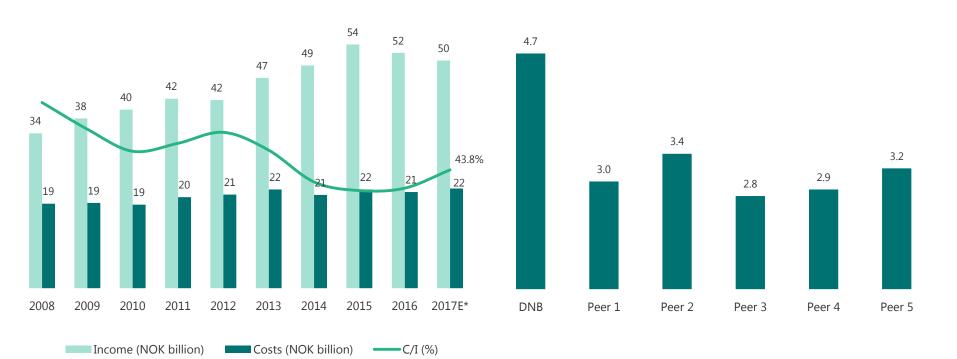


# Cost efficiency is becoming more important to remain competitive in a changing landscape

Cost initiatives

Reduced cost/income ratio from 56% to 43.8% over the past 10 years

Revenue per FTE\*\* NOK million, 2016



<sup>\*2017</sup> annualised per 3Q

<sup>\*\*</sup>Source: Arctic Securities

# Further cost reductions through digitalisation and automation

More manual processes can be automated

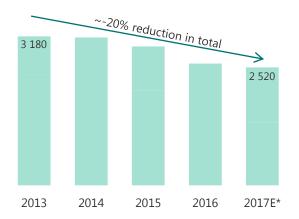


We have reduced branch distribution by 2/3 over the past 3 years

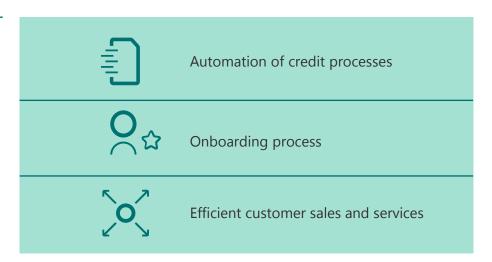
#### Number of branches



Number of FTEs in retail and customer service in the personal customer and SME segments







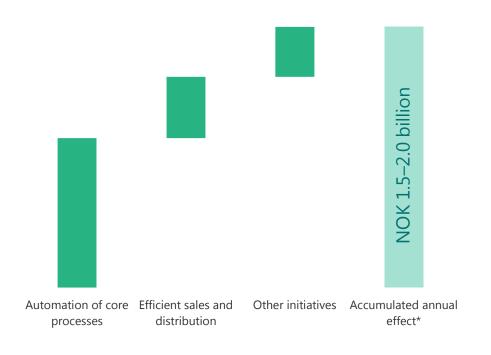
\*Estimated at year-end

# Automation of core processes is the next major cost initiative



Aggregated gross cost saving initiatives of NOK 1.5 to 2.0 billion 2018-2020

Our cost/income ratio target remains at < 40 per cent





<sup>\*</sup>Not adjusted for inflation. Annual cost reductions referring to the Baltic operation are not included.

# DNB is well positioned for regulatory changes

#### Implications of IFRS 9 and BRRD\* for DNB



#### IFRS 9

- The EU transitional rules will be reflected in similar Norwegian regulations and thus have very limited effects on the CET1 ratio
- An estimate of full implementation of IFRS 9 from 1 January 2018 would give a reduction in equity of NOK 3.0-4.0 billion, corresponding to a 20-30 bps reduction in the CET1 ratio



#### **BRRD\***

 The sum of the deposit guarantee fund levy and the resolution fund fee is estimated to reduce NII by around NOK 400 million from 2019

#### Other regulatory changes



#### **BASEL IV**

- Basel IV is not expected to have any material effect on total RWA due to the Norwegian version of the Basel I floor
- More level playing field with respect to risk weights and capital requirements



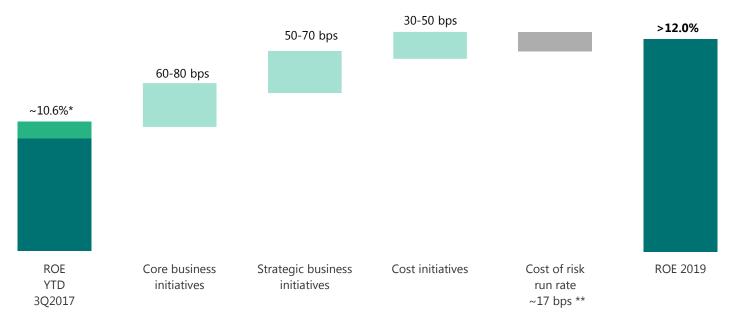
#### MiFID II

- MiFID II is expected to increase pre- and post-trade transparency in the markets
- DNB Markets is well positioned as a regional and industry specialist and has a leading position in Norway

\*Bank Recovery and Resolution Directive

## A return on equity above 12 per cent remains our main priority

Bridge to ROE > 12 per cent towards year-end 2019
Basis points



<sup>\*</sup>Adjustments for MTM effects and gain from the demerger of Vipps

<sup>\*\*</sup>Basis point of EAD

# ROE target within reach



- Well capitalised, also with Basel IV
- Aiming to increase dividend per share combined with share buybacks
- DNB Livsforsikring in dividend position will strengthen DNB's payout capacity
- Positive Norwegian macro outlook and strategic initiatives strengthen revenue platform
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# High portfolio quality

- Improved overall portfolio quality
- Robust mortgage book
- De-risked oil-related portfolio
- Reduced and stabilised risk after rebalancing of the large corporate portfolio

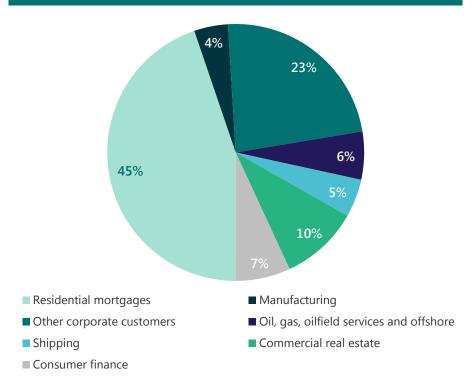




# Portfolio quality back to pre-2016 levels

Well-diversified portfolio – concentration risk reduced 30 September 2017

Probability of default – DNB Group
Per cent of EAD, excluding non-performing and doubtful loans



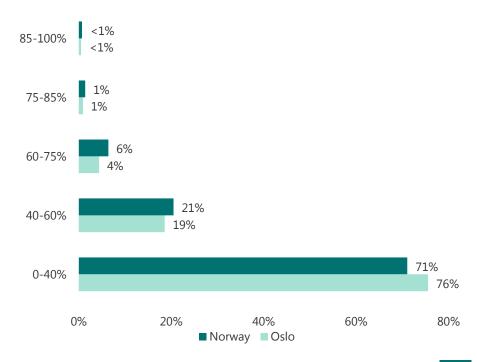


#### Robust mortgage portfolio



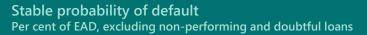


#### Loan-to-value ratio provides significant buffers Marginal LTV distribution as at 30 September 2017

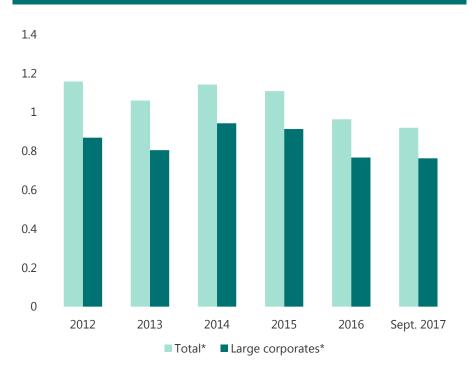


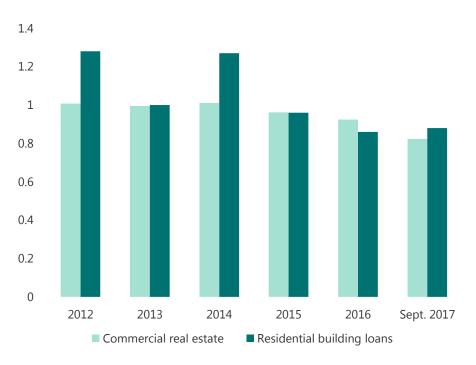
#### General corporate\* portfolio quality improving

- Healthy and stable residential and commercial real estate portfolios



Robust residential and commercial real estate portfolios PD, per cent of EAD, excluding non-performing and doubtful loans

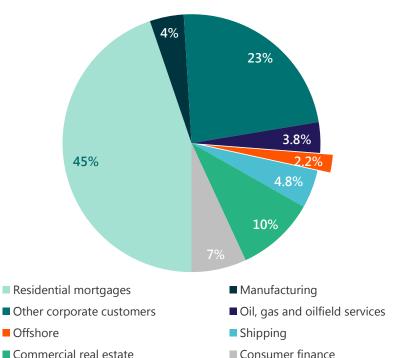




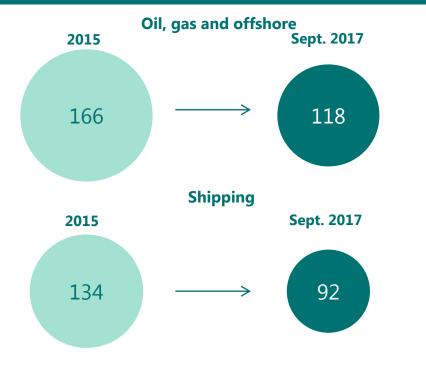
#### Rebalancing in the large corporate segment results in a less cyclical portfolio

- Only 2.2 per cent of DNB's portfolio is exposed to the offshore industry

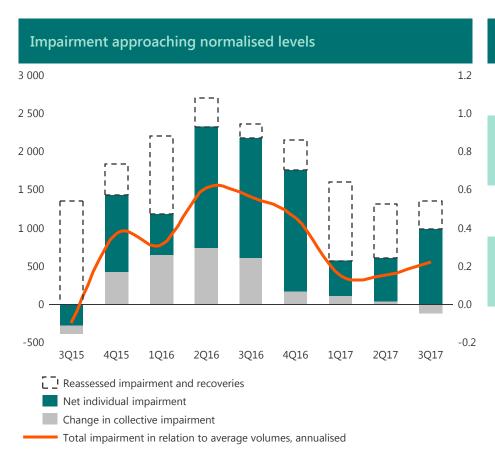




## Reduced exposure in cyclical industries Exposure at default, NOK billion



#### Revised impairment guiding up to year-end 2018



Impairment guiding 2016-2018

2017-2018: Around 17 basis points of EAD

Impairment levels will vary from quarter to quarter

## High portfolio quality

- Improved overall portfolio quality
- Robust mortgage book
- De-risked oil-related portfolio
- Reduced and stabilised risk after rebalancing of the large corporate portfolio





## Large Corporates and International

Transforming the way we do business

#### Increasing ROE in the large corporate segment by:

- Rebalancing of portfolio
- Allocation of capital to higher return
- Increased capital turnover

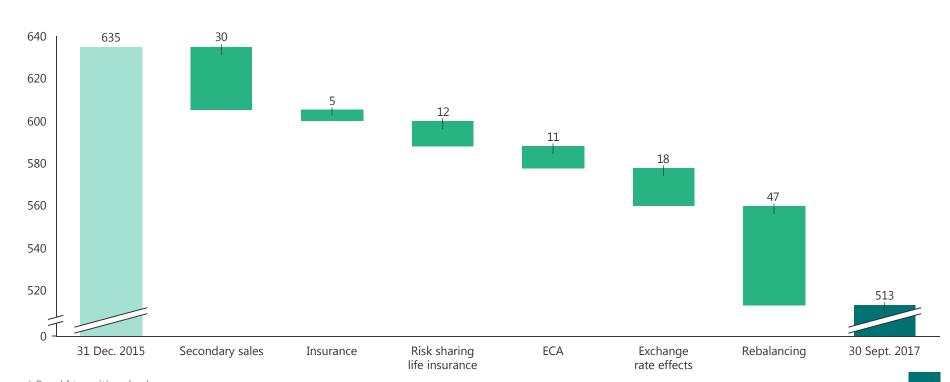




#### Strong platform for profitable new business

- Delivered on the RWA reduction in 2016

#### RWA\* reductions of approx. NOK 125 billion



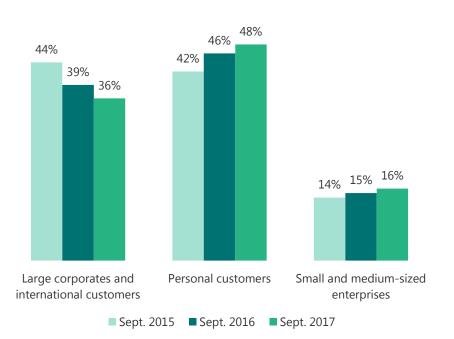
<sup>\*</sup> Basel I transitional rules

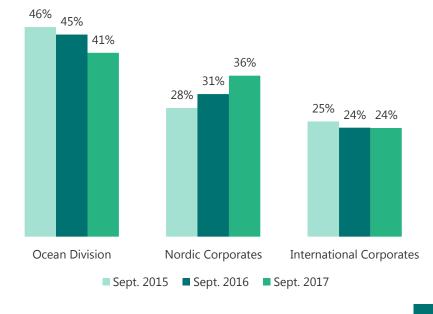
#### Strict prioritisation of capital to profitable exposure

- Capital is re-allocated to profitable exposure, also within the LCI segment

Exposure at default (per cent of portfolio)

Exposure at default per LCI division (per cent of LCI's portfolio excl. Baltics)

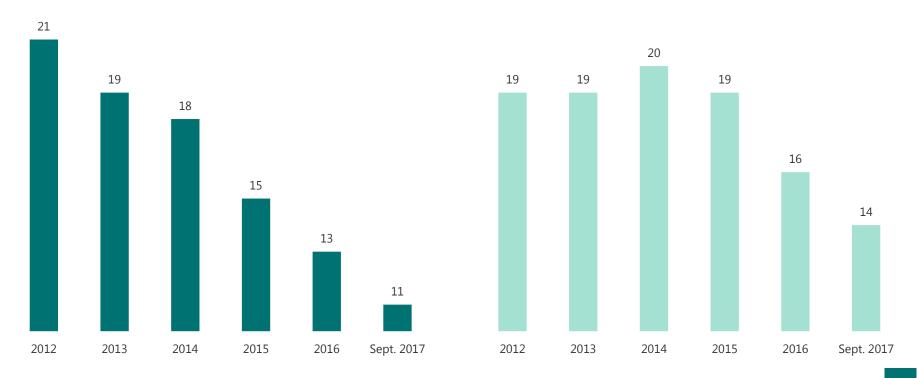




#### Substantial reductions in shipping and oil-related industries

Shipping exposure reduced by above 45 per cent since 2012 Shipping EAD in USD billion

Oil-related exposure reduced by about 30 per cent since 2012 Oil, gas and offshore EAD in USD billion



#### Transforming the way we do business

- Implemented new tools to increase ROE

Toolbox for reaching ROE > 12 per cent



#### Accelerating the tail-end of the rebalancing in a new non-core division

- Enabling full focus on profitable new business through Originate and Distribute

Significant contribution to improving ROE

A clear exit strategy for the non-core portfolio



Approx.
USD 10 billion
portfolio in EAD

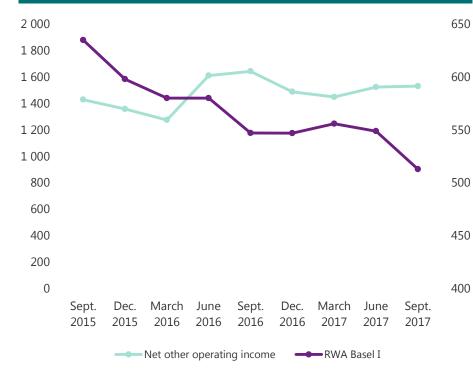
#### The mandate of the new division:

- Effective as of 1 January 2018
- The portfolio is limited to shipping and oil-related exposures
- Taking over a portfolio of exit exposures and certain loss-exposed loans
- About 30% of exposure is subject to restructuring
- Less than 20% loss exposed and non-performing
- Mandate to speed up volume reduction

#### Implemented an Originate and Distribute business model

More efficient use of capital

#### Improving the use of capital over the last 12 months NOK million, RWA right hand axis



#### **Implemented Originate and Distribute**

- Established a dedicated team (in place at end-September 2017)
- Expanded the distribution capacity
- Ensuring that new exposure will be more 'eligible' for distribution

#### The most important tools for higher turnover of capital are:

- Bridge-to-bond
- Lower final holds
- Shorter tenors
- Guarantees
- Sub-participation

#### Working to add new tools, such as:

- Investment funds
- Credit-linked notes
- Synthetic portfolio solutions

#### Increased capital turnover in the large corporate segment

3.6

3.2

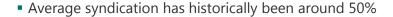
Increasing the ROE

4.0

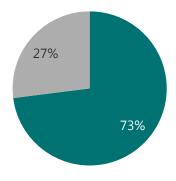
The contractual remaining tenor has decreased....

3.8





- Our target is 75% average syndication
- The average in 2017 so far is 73%\*:





\* Based on a volume of USD 7 billion

<sup>■</sup> Syndication ■ Average hold

## Large Corporates and International

Transforming the way we do business

Increasing ROE in the large corporate segment by:

- Rebalancing of portfolio
- Allocation of capital to higher return
- Increased capital turnover

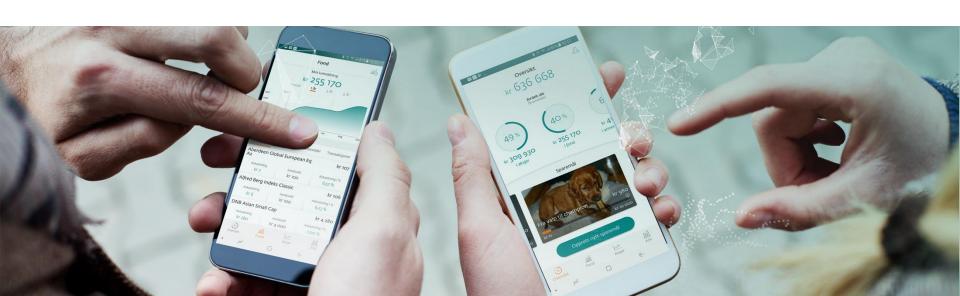




## Positioning Personal Banking for the future



- Selling more at a lower cost
- Building strategic digital platforms



#### Norway is a digital front runner – enabling change





96% of Norwegians use the Internet





6% of payments are made in cash



No. 1

world's best ICT infrastructure





91%

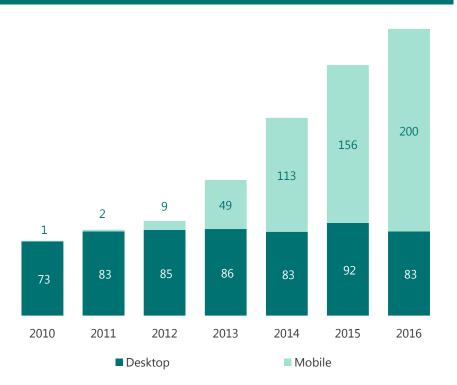
of Norwegians use online banking services

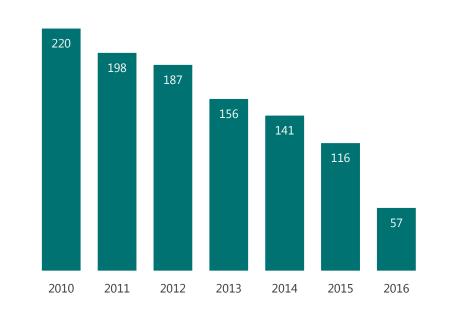


#### Personal Banking has transformed the way we do business



## Transforming our branch network Number of branch offices





#### Consistent and profitable growth in mortgage portfolio

- Major contributor to group ROE improvements

5 per cent annual growth in mortgage portfolio Portfolio in NOK billion\*



#### Selling more at a lower cost

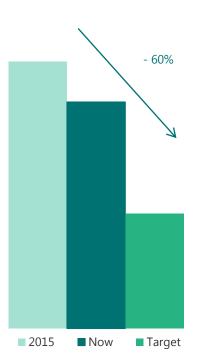
- DNB's mortgage portfolio has grown from NOK 630 billion (end 2014) to NOK 717 billion by 3Q 2017\*.
- This growth is consistent and profitable, with low risk, and mainly originates from prioritised city areas.
- Since 2014, the number of FTEs authorised to sell mortgages has been reduced by more than 20 per cent, while the volume of mortgages sold per FTE has increased by more than 40 per cent.

<sup>\*</sup>Mortgages, total amount drawn, plus portfolio transferred to DNB Livsforsikring

#### Revolutionising secured lending with a fully automated mortgage process

#### **Boosting efficiency with automation**

Reduction in time spent on mortgage applications to personal customers

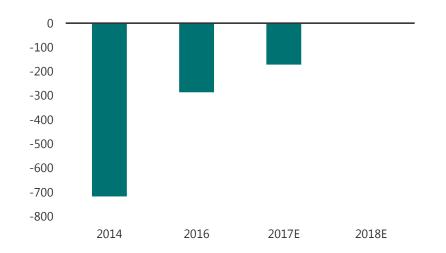


#### Delivering a fully automated mortgage process

- New value proposition: enhanced customer experience, improved efficiency and higher quality.
- Digital refinancing launched in 2016. Next step: Fully digital preapproval letters\*.
- Targets for mortgage automation:
  - Refinancing: 90 per cent starting digitally 45 per cent of digital applications fully automated
  - Pre-approval letters: 75 per cent starting digitally 30 per cent of digital applications fully automated
- Today, 60 per cent of refinancing applications are digital, and 20 per cent of these are fully automated.

#### Continuing to cut costs in manual payments

#### Deficit from manual payments in NOK million



#### Well on our way to eliminating the deficit from manual payments

- New solutions, such as Vipps, are changing customer behaviour, moving away from cash.
- From January 2015 to 3Q 2017, manual payments in DNB have been reduced by 36 per cent.
- Terminated distribution of manual payments through Norway's largest retailer in June 2017.



#### - Taking the position as Norway's preferred provider of savings products

#### New savings app driving increased activity and sales Number of savings agreements sold per year\* in thousands

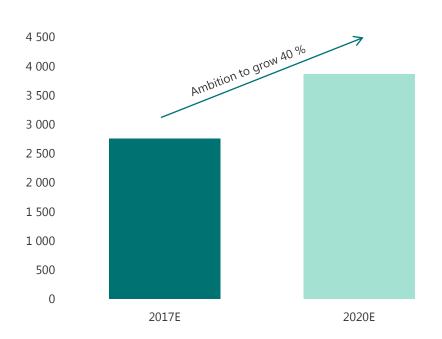


#### The future of savings – building an open platform

- New customer-friendly and popular savings app and other new savings products\*\* launched in 2017.
- Providing a platform for profitable growth.
- Offering customers all their savings in one app including mutual funds, and eventually accounts from outside DNB.
- Turning Spare into an open platform, connecting customers and third parties.

#### Non-life insurance is profitable – we are ready to grow

## Sticking to our goals, but reaching them at a later date Written premium per year in NOK million\*



#### Challenging the insurance market

- We are a market challenger, and now we are going to act like one.
   We have a revised strategy, with a new competitive edge.
- Non-life insurance in DNB is profitable, and we are positioned for growth.
- We aim to grow fast through simplification, personalisation and automation.

# Positioning Personal Banking for the future



- Selling more at a lower cost
- Building strategic digital platforms



## From a P2P service to a payment platform V-PPS

**LEADING PLATFORM:** The preferred payment partner in the Nordics

SPIN-OFF: Strong ownership ensures future growth

**360 DEGREES PAYMENT:** Payment solutions in every situation

INCREASING NO. OF TRANSACTIONS: Main focus on growth in e-commerce and

invoice payment



#### Expanding from a P2P service to a leading payment platform

#### Leveraging on a strong P2P customer base to increase the number of fee-based transactions



## Strong link between P2P customer base and P2B attractiveness

- 61 per cent of the Norwegian population (above the age of 15) is using Vipps P2P
- >45 000 businesses, associations and sports clubs accept payments via Vipps P2B
- InStore solution in pilot with McDonalds
- 22 per cent of transactions are generating fees

#### **Expanding to the Nordics**

- Ambition to make Vipps the preferred payment partner for companies operating across the Nordics
- Will make our technological platform available across the Nordics

#### Strategic partnership to fend off international competition

105 Norwegian banks rally around the Vipps payment platform, while an additional four banks have a distribution agreement



## Vipps – a single, strong and distinct payment service provider

- Two main bank-backed competitors in the mobile payment market have terminated their operations
- Norwegian banks stand united behind the Vipps platform; ensures strong distribution

#### Vipps spun off as an autonomous joint venture

- 105 banks as owners
- Four banks with distribution agreements
- DNB as the majority shareholder

#### Vipps, BankAxept and BankID teaming up to create a Nordic champion

Combining the building blocks to create a holistic offering and gain new opportunities in the payment landscape



### Benefiting from combining the separate building blocks

- Strengthen innovative power and increase speed in product development
- Significantly reduce transaction costs improved earnings capacity
- Economies of scale cost synergies
- Access to more than 109 000 new points of sale

#### A potential spearhead into new markets

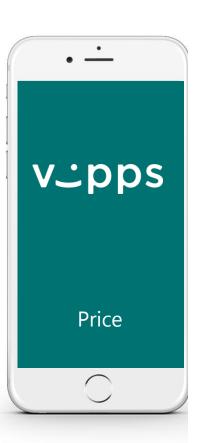
## Norway has one of the world's best payment infrastructures

Result of 25 years of cooperation between Norwegian banks

## vepps













## Norway loves V:pps

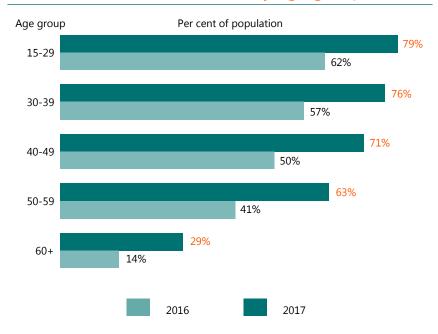
The fastest growing brand in Norway

95%

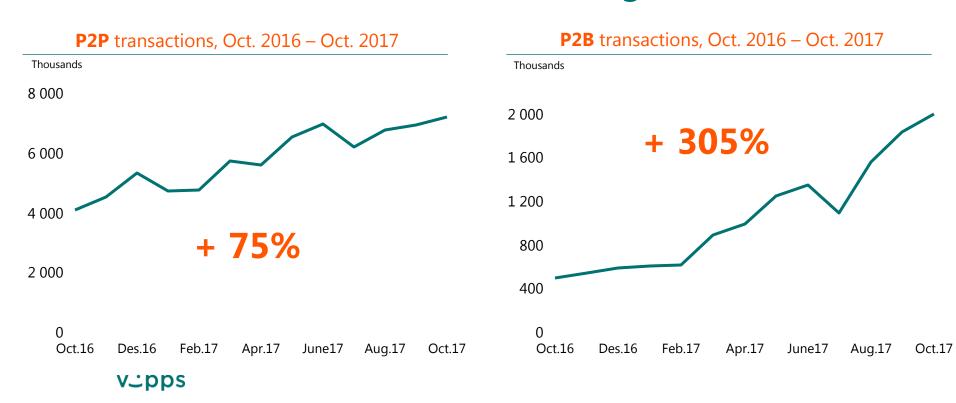
**Brand recognition** 



#### Growth in user base by age group



## P2B transactions – the main volume growth driver



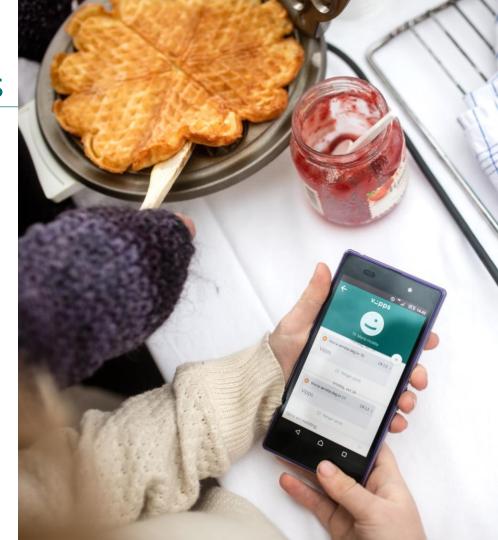
## Reducing transaction costs

Enabling instant payments for P2P transactions by moving from international card scheme to account-based solution

and at the same time...

Reducing transaction costs by up to 60% in 2018

vupps



# Attacking e-commerce and invoice payment



**Pilot** 





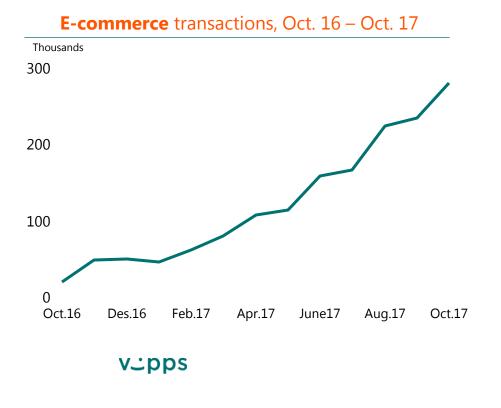
**Attacking positions** 



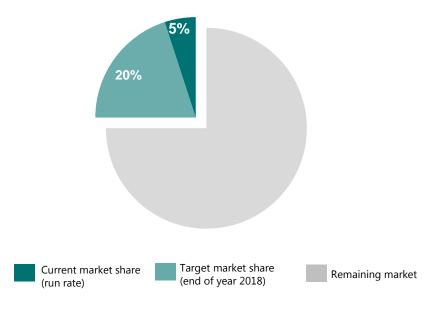


Strong position

## E-commerce – gaining traction



#### Total market ~60-80 million transactions per year

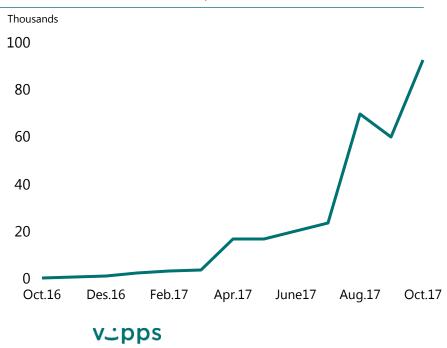


20-30% of the transactions when Vipps is an option Source: DIBS, PostNord

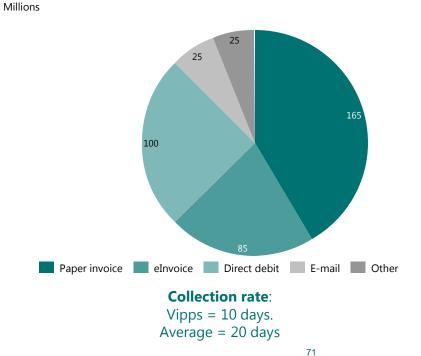
70

## Invoice payment – a potential game changer

#### **Invoice** transactions, Oct. 2016 – Oct. 2017

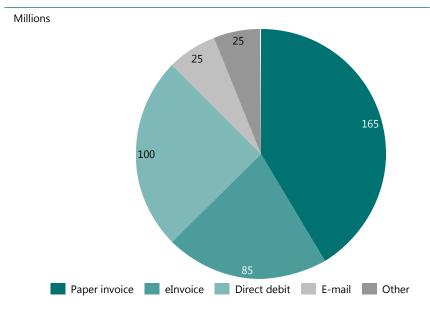


#### Total market of 400 million invoices each year



#### It's the customer's choice!

#### **Customer choices**

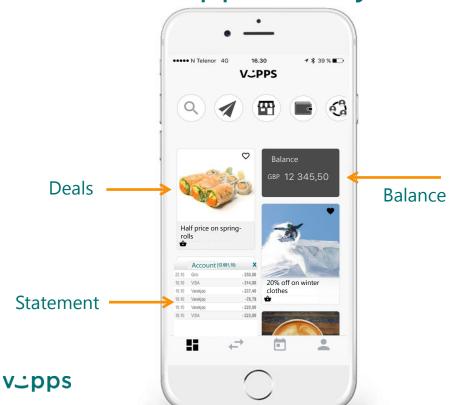


#### **v**\_pps

#### Vipps ambitions

- Our goal is to offer Vipps Invoice as an option every time a paper invoice or a digital online bank invoice is issued.
- A shift in power
- ERPs will ensure higher volumes

## PSD2 – another opportunity for Vipps



- Becoming the "one-stop" environment for payments and financial overview
- Increase the traffic in Vipps
- Statements and balances create the most traffic in the online bank

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