

ECONOMIC ACTIVITY REPORT SEPTEMBER 2016

14 September 2016

Kristoffer Eide Hoen

Director of Analysis

WHAT IS DRIVING THE PRIVATE SECTOR IN NORWAY?

Facsimile from Dagbladet 25 August 2016

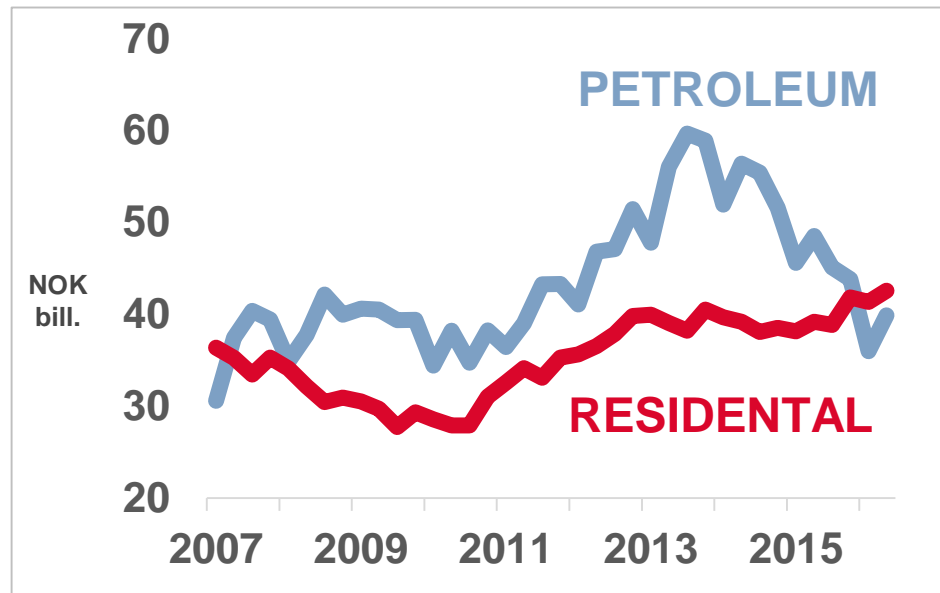


"Investments in housing take over as the main driver in the Norwegian economy"

Boliginvesteringer tar over drajobben i norsk økonomi

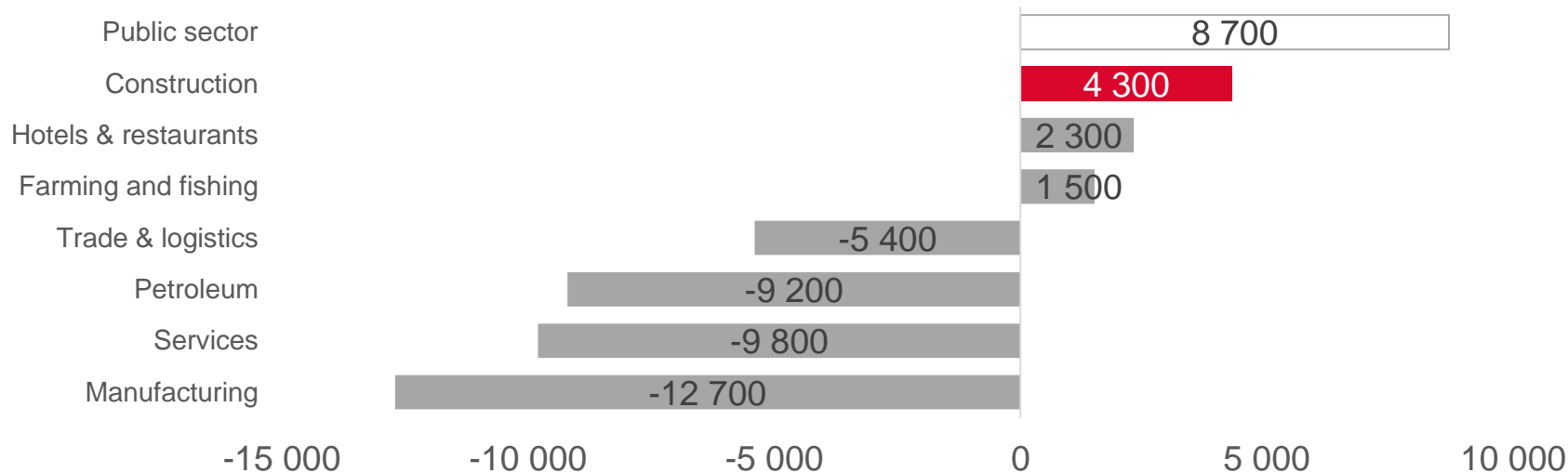
Kilde: SSB

INVESTMENTS 2007-2016



WHAT IS DRIVING THE PRIVATE SECTOR IN NORWAY?

NET JOB CREATION LAST 12 MONTHS*



* Change in number of people employed in the last 12 months at end of Q2 2016

CONTENTS

- + Macroeconomic trends
- + Forecasts for investments in construction 2016 and 2017
- + Key markets



Konjunkturrapport

September 2016



HOW WE MAKE OUR FORECASTS:

- + Macroeconomic forecasts based on consensus among recognized economic analysis institutions, such as:
 - IMF, Konjunkturinstitutet, SSB, the Danish Economic council, central banks etc.
- + Forecasts for construction are prepared by Veidekke on the basis of:
 - Our experience about correlations between the economy and the construction market
 - Internal "look-out points" across Scandinavia
 - Industrial reports



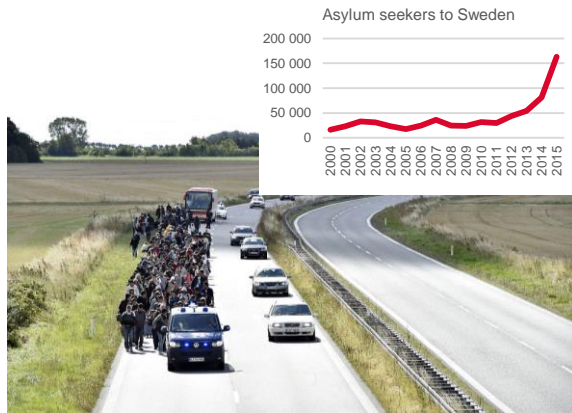
Konjunkturrapport

September 2016



GEOPOLITICS HAS A GREATER IMPACT ...

THE REFUGEE CRISIS



TENSIONS TO THE EAST



BREXIT – NOT QUITE AS EXPECTED



GEOPOLITICS HAS A GREATER IMPACT...

«From a macroeconomic perspective, the Brexit vote implies a substantial increase in economic, political and institutional uncertainty...»

IMF, July 2016

BREXIT – NOT QUITE AS EXPECTED



INTERNATIONAL GDP FORECASTS ARE DOWNGRADED

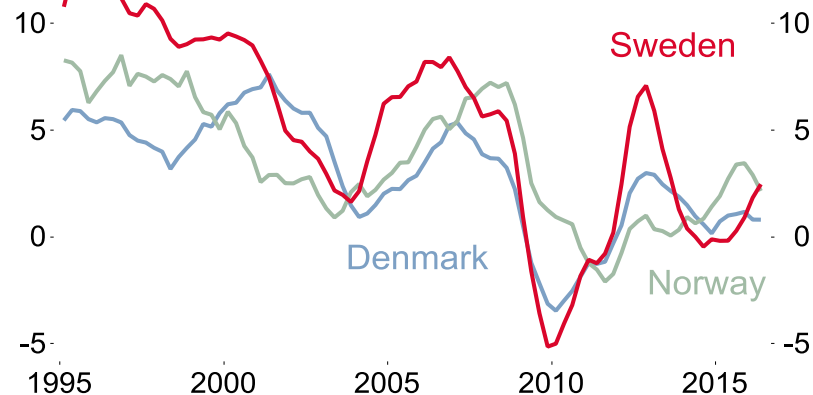
GDP growth (%)	2013–2015	2016	2017
Eurozone	0.7	1.8 (0)	1.4 (-0.6)
Germany	1.2	1.8 (-0.1)	1.4 (-0.6)
UK	2.4	1.8 (-0.6)	0.8 (-1.4)
USA	2.2	1.5 (-1.1)	2.2 (-0.4)
China	7.3	6.5 (+0.1)	6.0 (0)
Global	3.3	3.1 (-0.4)	3.4 (-0.3)

Change from the March 2016 Economic Activity Report in brackets

Sources: GDP-growth: Konjunkturinstitutet
Exports: Statistics Denmark, Statistics Norway
and Statistics Sweden

WEAKER EXPORT GROWTH THAN EXPECTED?

Annual percentage growth in exports*



* Not incl. petroleum for Norway

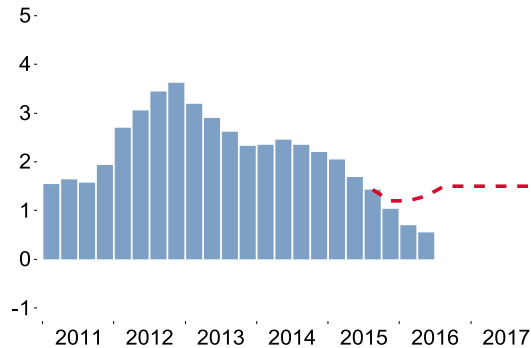


ECONOMIC GROWTH: SWEDEN LEADING THE WAY



GDP-growth, Mainland

Annual growth rate, trend adjusted



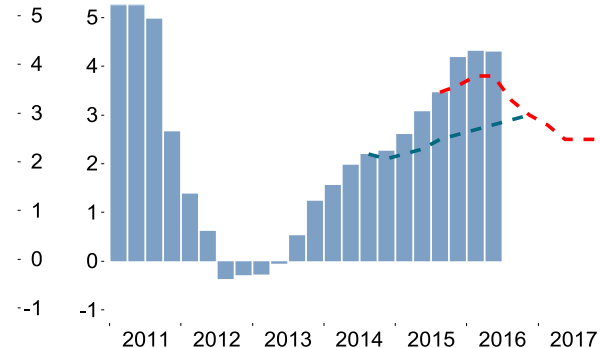
Norway: weak growth in GDP

- Have we reached rock bottom?
- GDP-forecast at 1.5% in 2017



GDP Growth

Annual growth rate, trend adjusted



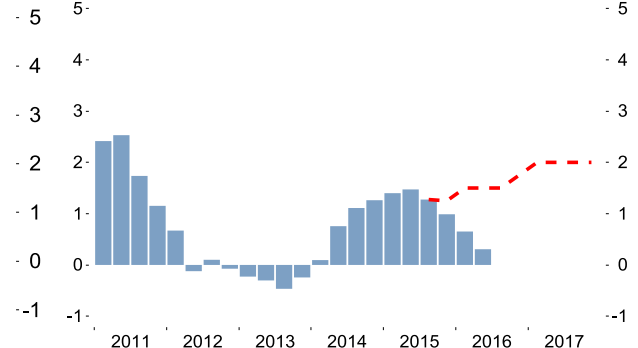
Sweden: booming economy

- ...Though declining GDP-growth ahead



GDP-growth

Annual growth rate, trend adjusted



Denmark: disappointing GDP figures

- Declining growth rate
- ...but does not provide a complete picture

Source: Veidekke, Statistics Sweden, Statistics Denmark and Statistics Norway

Legend:

- Red dashed line shows forecast from our March 2016 Economic Activity Report



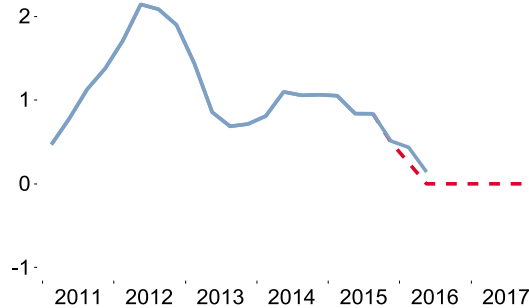
LABOUR MARKET:

STABILISING IN NORWAY, STRONG IN SWEDEN AND DENMARK



Employment growth

Annual growth in percent



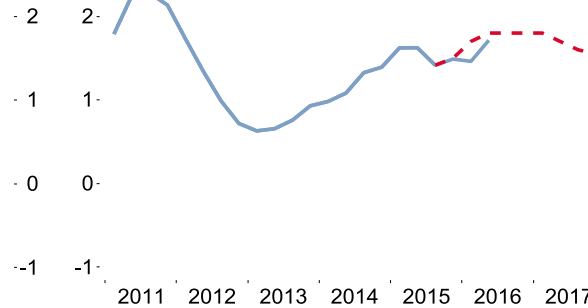
Norway: stabilising after decline

- Employment growth is weak
- ...but the growth in workforce has also declined, stabilising unemployment



Employment growth

Annual growth in percent



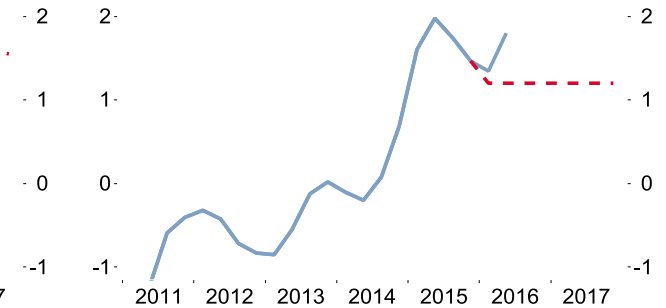
Sweden: strong growth

- Increased challenges in recruiting
- Unemployment declining



Employment growth

Annual growth in percent



Denmark: strong growth

- Significant employment growth
- Unemployment declining

Source: Veidekke, Statistics Sweden, Statistics Denmark and Statistics Norway

Legend:

--- Red dashed line shows forecast from our March 2016 Economic Activity Report



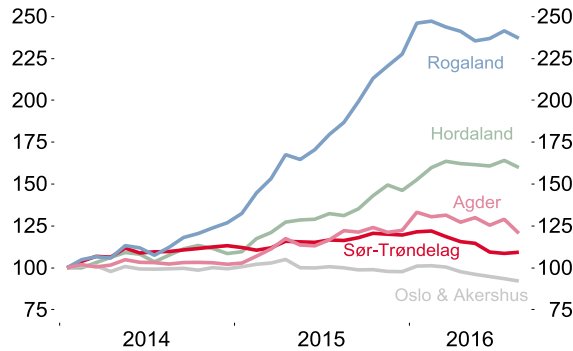
LABOUR MARKET:

STABILISING IN NORWAY, STRONG IN SWEDEN AND DENMARK



Unemployment, selected regions

Index January 2014=100



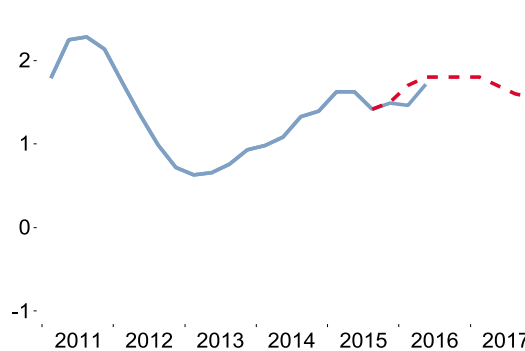
Norway: stabilising after decline

- Employment growth is weak
- ...but the growth in workforce has also declined, stabilising unemployment



Employment growth

Annual growth in percent



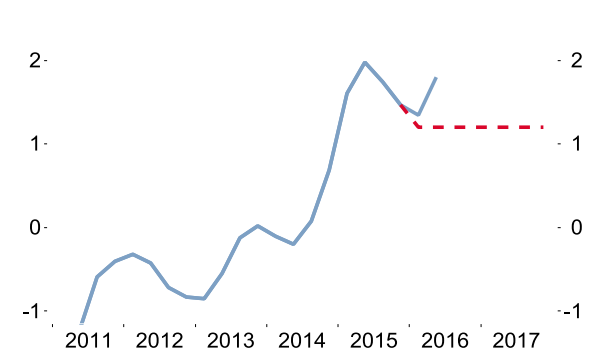
Sweden: strong growth

- Increased challenges in recruiting
- Unemployment declining



Employment growth

Annual growth in percent



Denmark: strong growth

- Significant employment growth
- Unemployment declining

Source: Veidekke, Statistics Sweden, Statistics Denmark and Statistics Norway

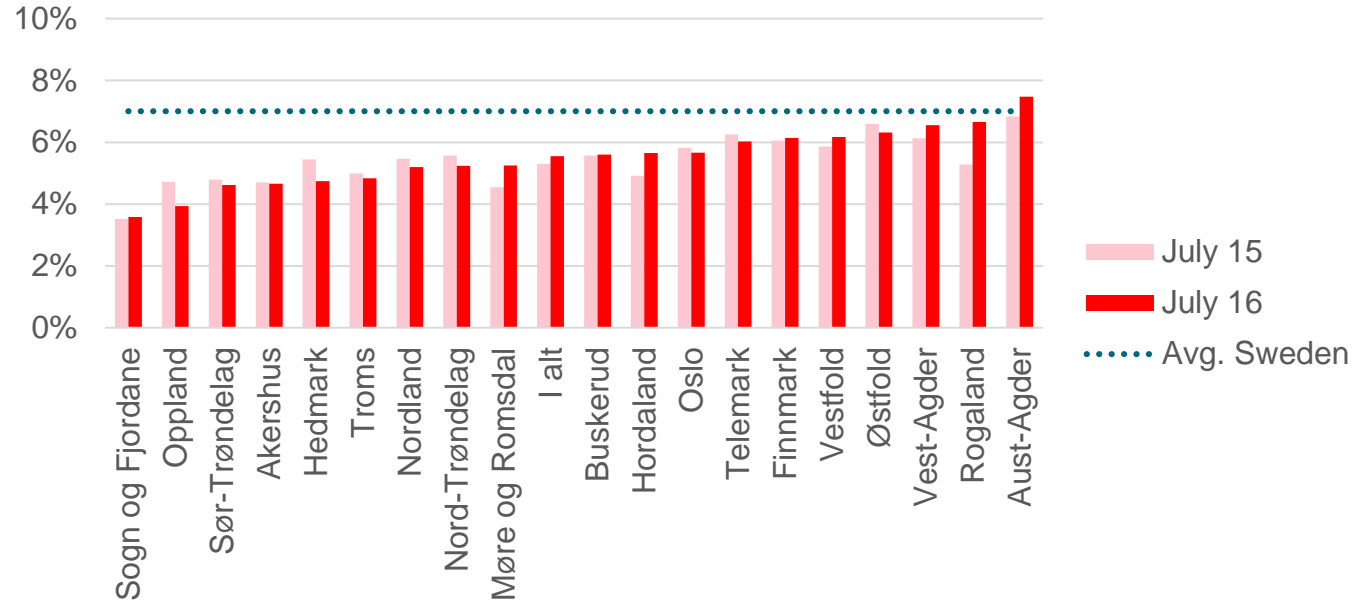
Legend:

--- Red dashed line shows forecast from our March 2016 Economic Activity Report



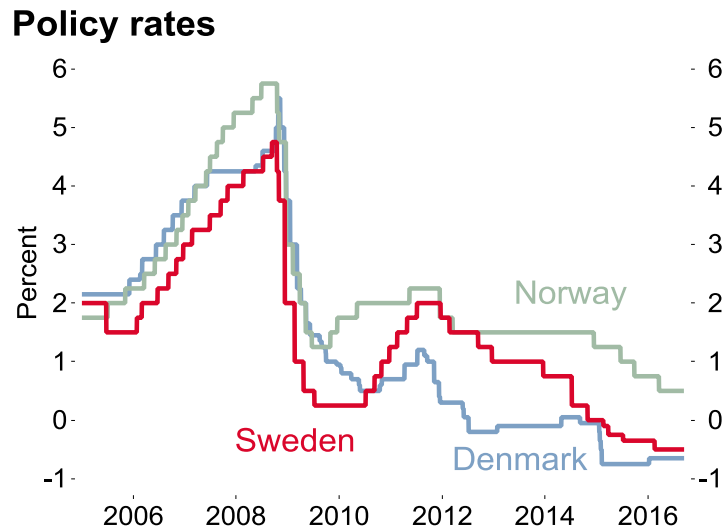
UNEMPLOYMENT MODERATE IN ALL COUNTIES

UNEMPLOYED AND PEOPLE ON LABOUR MEASURES, JULY 2016 AND 2015



Source: the Norwegian Labour and Welfare Administration (NAV)

CLOSE TO 0% INTEREST – AND NO IMMEDIATE PROSPECT OF CHANGE ...



- + Historically low interest rates during the forecast period
- + Households' interest rate expectations are even lower
- + Limited possibilities for further stimulus

CONTENTS

- + Macroeconomic trends
- + **Forecasts for investments in construction 2016 and 2017**
- + Key markets

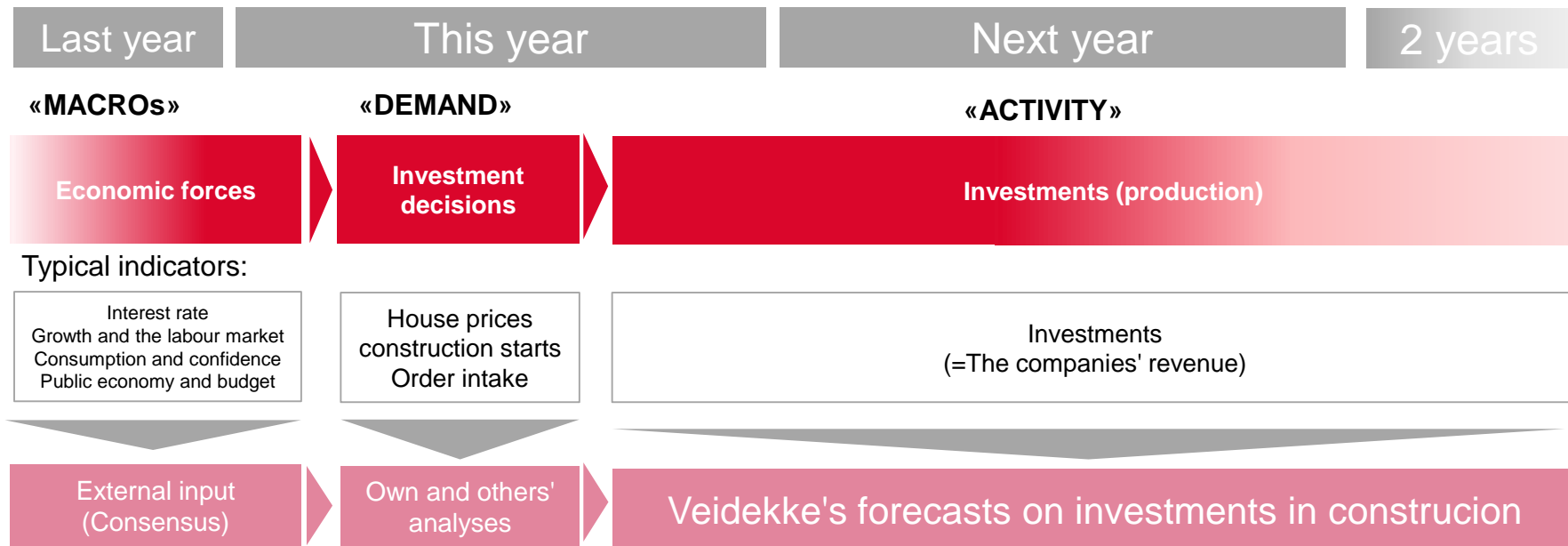


Konjunkturrapport

September 2016



OUR FORECASTS – LOGIC AND TIME FRAME:



OUR FORECASTS FOR INVESTMENTS IN CONSTRUCTION

INVESTMENTS* IN CONSTRUCTION. FORECASTED GROWTH IN VOLUMES FOR 2016 AND 2017

MARCH 2016



	2015 NOK bill.**	2016 growth	2017 growth
Residential	130	0 %	-1 %
Commercial buildings	55	-2 %	-2 %
Public buildings	35	3 %	3 %
Civil engineering	80	12 %	7 %
Construction totals	299	3 %	1 %



	2015 NOK bill.**	2016 growth	2017 growth
Residential	150	5 %	2 %
Commercial buildings	102	4 %	4 %
Public buildings	42	5 %	5 %
Civil engineering	78	2 %	6 %
Construction totals	372	4 %	4 %



	2015 NOK bill.**	2016 growth	2017 growth
Residential	61	5 %	10 %
Commercial buildings	21	3 %	7 %
Public buildings	27	5 %	5 %
Civil engineering	49	-2 %	-2 %
Construction totals	158	3 %	5 %

Source: Veidekke

* Numbers of investments includes new buildings, upgrades and reconstruction. They do not include maintenance, eg. roads.

** Conversion to NOK uses exchange rates from H1 2016 New and updated figures for 2015 have been published since the last Economic Activity Report. We also converted the figures from 2013 to 2016 prices, drawing the level figures for 2015 up.

OUR FORECASTS FOR INVESTMENTS IN CONSTRUCTION

INVESTMENTS* IN CONSTRUCTION. FORECASTED GROWTH IN VOLUMES FOR 2016 AND 2017

SEPT. 2016



	2015 NOK bill.**	2016 growth	2017 growth
Residential	130	5%	5%
Commercial buildings	55	-2%	-2%
Public buildings	35	3%	3%
Civil engineering	80	7%	7%
Construction totals	299	4%	4%



	2015 NOK bill.**	2016 growth	2017 growth
Residential	150	15%	2%
Commercial buildings	102	4%	1%
Public buildings	42	7%	5%
Civil engineering	78	3%	6%
Construction totals	372	9%	3%



	2015 NOK bill.**	2016 growth	2017 growth
Residential	61	5%	10%
Commercial buildings	21	3%	7%
Public buildings	27	-2%	-2%
Civil engineering	49	3%	-2%
Construction totals	158	3%	4%

Source: Veidekke

* Numbers of investments includes new buildings, upgrades and reconstruction. They do not include maintenance, eg. roads.

** Conversion to NOK uses exchange rates from H1 2016 New and updated figures for 2015 have been published since the last Economic Activity Report. We also converted the figures from 2013 to 2016 prices, drawing the level figures for 2015 up.

CONTENTS

- + Macroeconomic trends
- + Forecasts for investments in construction 2016 and 2017
- + **Key markets:**
 - Strong demand for housing
 - Commercial buildings – weak recovery
 - Civil engineering – expanding markets

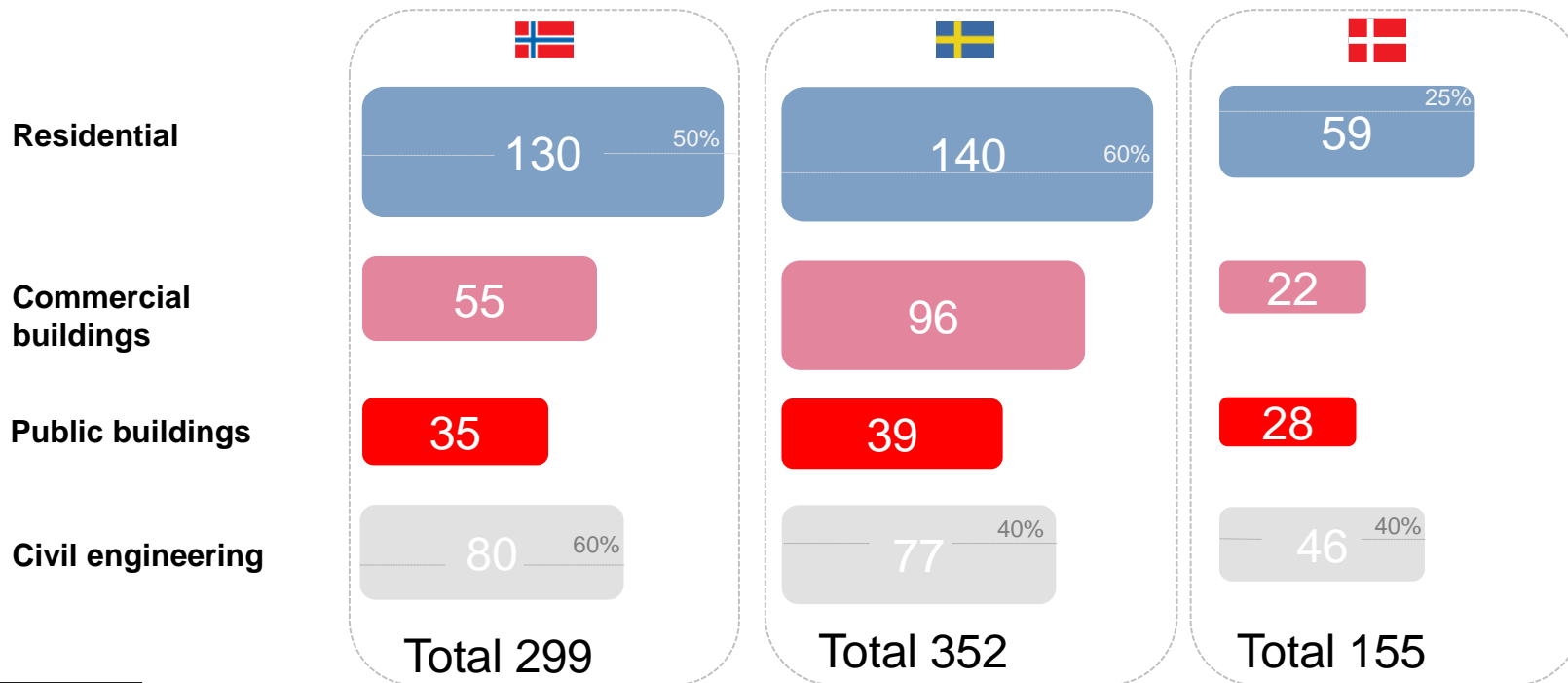


Konjunkturrapport

September 2016



INVESTMENTS IN CONSTRUCTION, NOK BILLION



Source: Veidekke, Statistics Sweden, Statistics Denmark, Statistics Norway and Norges Bank

Share of new-build residential buildings
Share of transport infrastructure



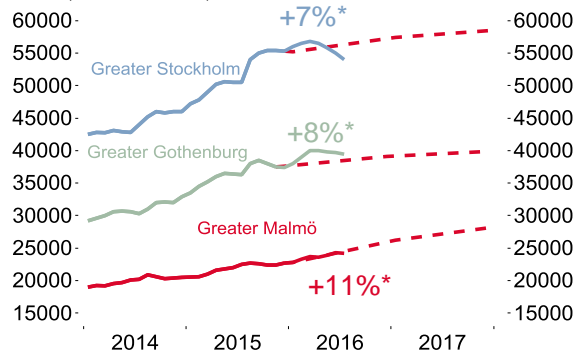
1. STRONG DEMAND FOR HOUSING



SWEDEN: STRONG DEMAND IN 2017 AS WELL

Residential prices, flats

Flats (1000 SEK/m²)

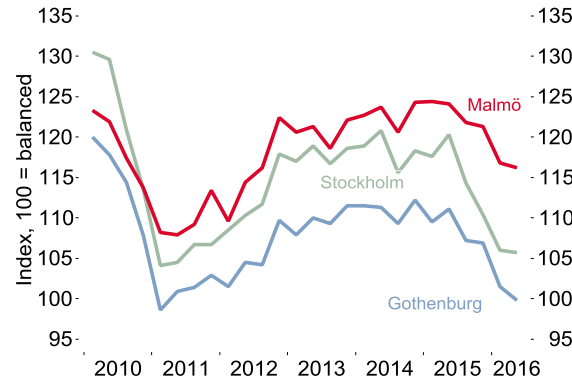


* Annual growth increase per July 2016

Legend:
Red dashed line shows forecast from our March 2016 Economic Activity Report

Source: Statistics Sweden, Konjunkturinstitutet and Veidekke

Boindex flats



** Measures the purchasing power of households after buying a home. A score of 100 indicates a healthy domestic economy. Lower scores indicate dangerously low purchasing power after buying a home.

+ Autumn residential markets off to a good start

- Positive sales starts in the industry
- Price recovery in Aug./Sept.***

+ Price levels testing upper boundaries?

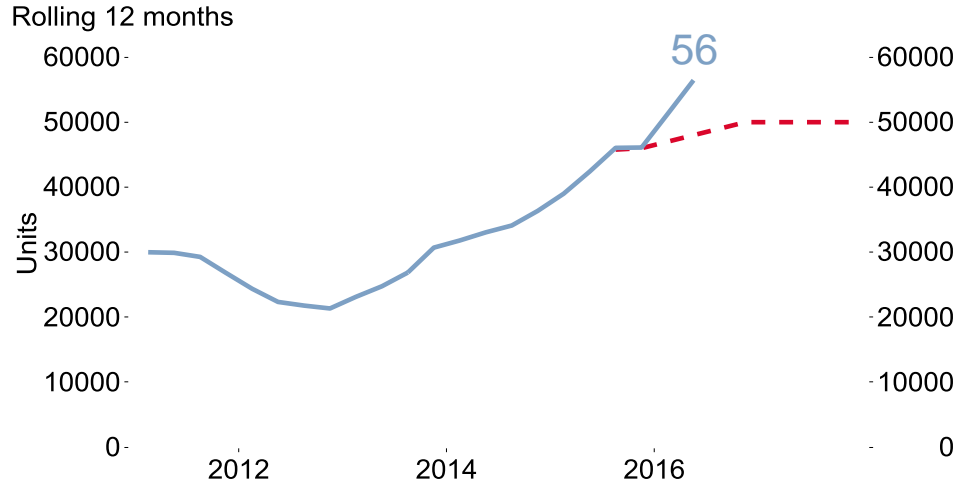
- Boindex close to 100 indicates an upper bound for households purchasing power
- Strong increase in houseprices and new regulation of amortization explains decline in index from autumn 2015

*** Source is "real-time" price and sales statistics
Booli



SWEDEN: GROWTH IN NEW HOMES CONTINUES

Residential Buildings started



- + The annual rate for housing starts is close to 60,000 units
- + Recent figures show 17% growth in investments in the first half of 2016
 - Investment growth of 15% in 2016
 - Forecast for 2017 shows high level of activity but declining growth

Legend:

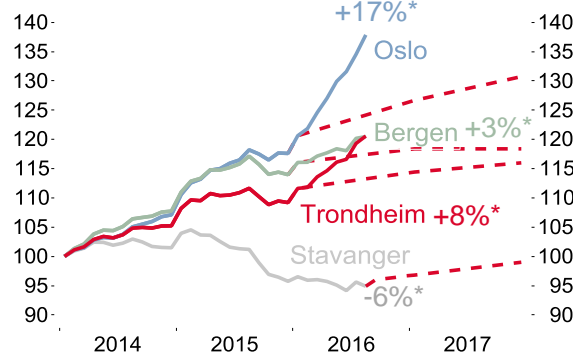
Red dashed line shows forecast from our March 2016 Economic Activity Report

Source: Statistics Sweden and Veidekke

NORWAY: STRONG GROWTH IN PRICES

Residential prices - flats

Index Jan. 2014 = 100

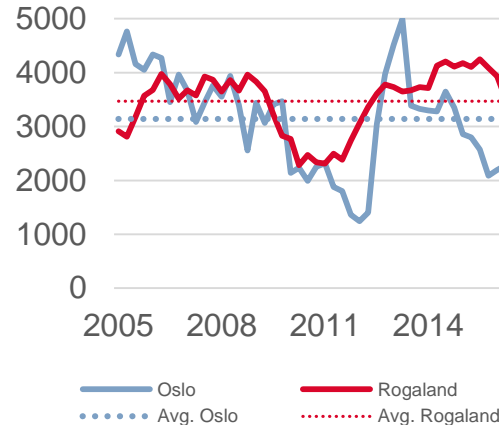


Legend:

Red dashed line shows forecast from our March 2016 Economic Activity Report

Completed new homes per Q2 2016

No. of units, rolling sum of 12 months

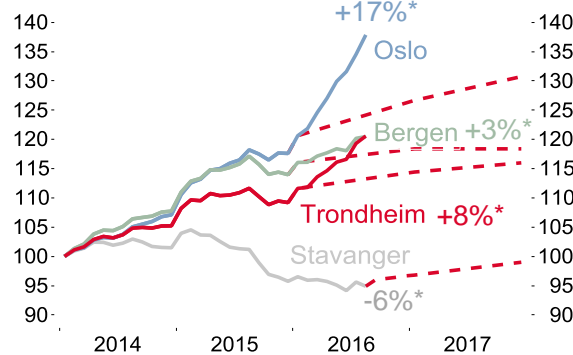


- + Strong demand due to low interest rates and the stabilizing economy
 - Unemployment levels out
 - Household psychology
 - Share of investor-related demand slightly increased, albeit at a low level
- + Imbalance last 12-24 months
 - Supply is lagging
 - Reinforcing effects
 - Improvements next 12 months

NORWAY: STRONG GROWTH IN PRICES

Residential prices - flats

Index Jan. 2014 = 100



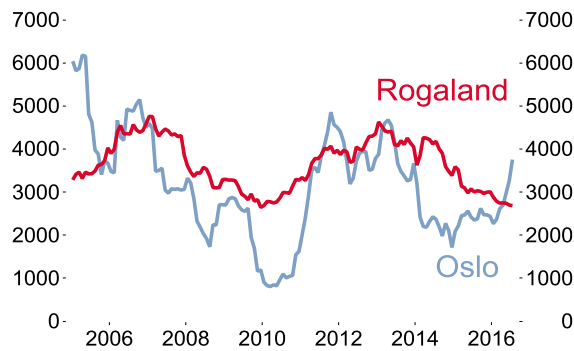
* Annual growth increase per July 2016

Legend:

Red dashed line shows forecast from our March 2016 Economic Activity Report

Residential start ups - Oslo og Akerhus

Units, 12 months rolling



+ Strong demand due to low interest rates and the stabilising economy

- Unemployment levels out
- Household psychology
- Share of investor-related demand slightly increased, albeit at a low level

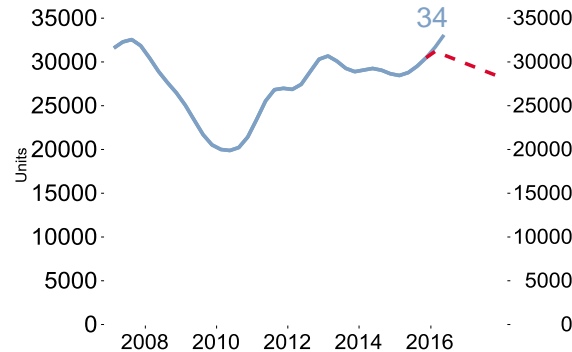
+ Imbalance last 12-24 months

- Supply is lagging
- Reinforcing effects
- Improvements next 12 months

NOWRAY: STRONG GROWTH IN START UPS

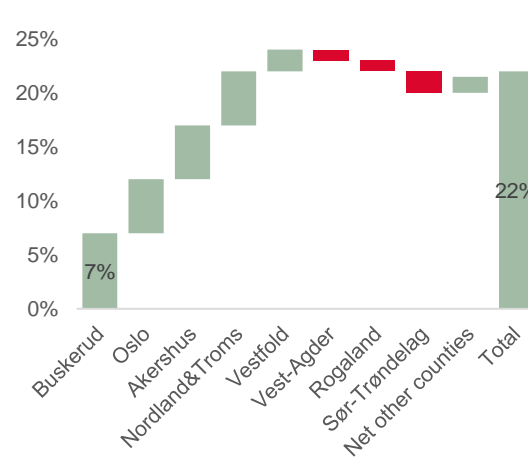
Residential Construction started

Rolling 12 months



Growth in flats and terraced houses

Contribution to total annual growth in sq.m. per Q2 2016



- + Strong growth in activity past 12 months
 - Annual rate for new build housing is almost at 34,000 units
 - 22% growth in flats and terraced housing
 - Growth centered to central the Oslo-region
- + Westcoast: Stabilising after period of decline
- + Forecasts show 5% growth in investments in 2016 og 2017

Legend:

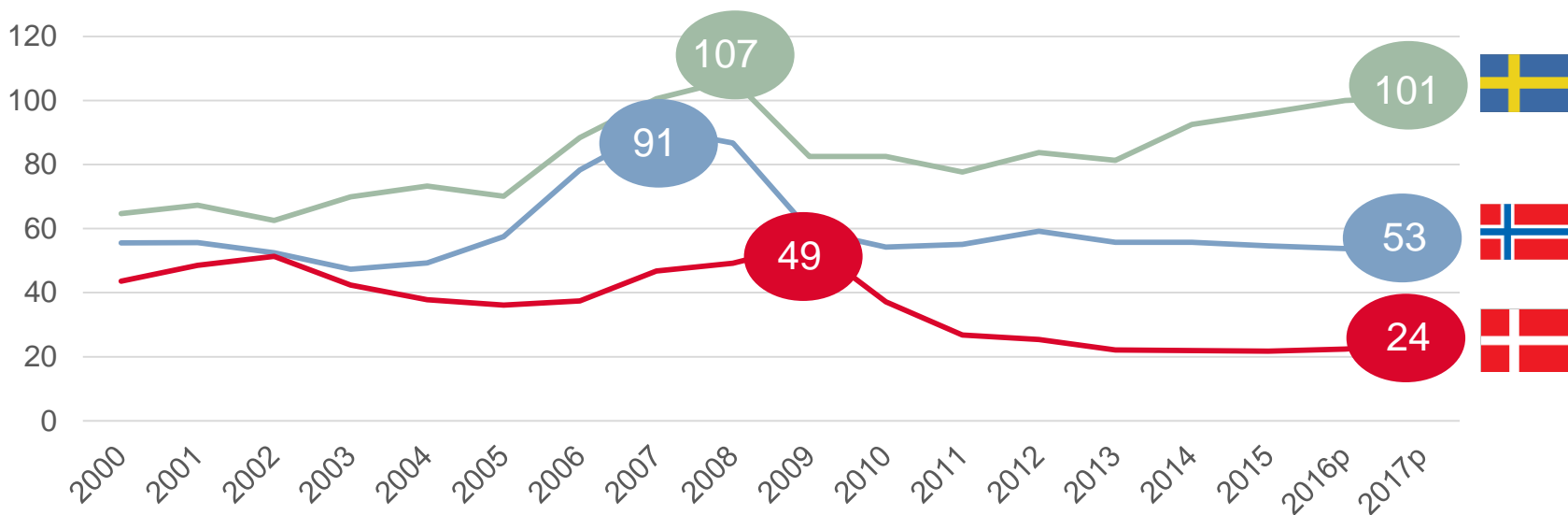
Red dashed line shows forecast from our March 2016 Economic Activity Report

2. COMMERCIAL BUILDINGS – SLOW RECOVERY

2. COMMERCIAL BUILDINGS – SLOW RECOVERY

INVESTMENTS IN COMMERCIAL BUILDINGS. NOK BILLION, 2016 PRICES

The highest recorded level and Veidekke's forecast for 2017



SWEDEN: LEVELLING OFF AFTER TWO YEARS OF GROWTH?

INVESTMENT FORECASTS FOR SELECTED INDUSTRIES:

As of February in the respective years:	For 2015	For 2016	Change
Manufacturing	5.9 bill.	7.7 bill.	+30%
Retail	3.7 bill.	4.1 bill.	+12%
Transport and storage	9.1 bill.	8.7 bill.	-5%
Commercial property – development companies	40 bill.	42 bill.	+5%

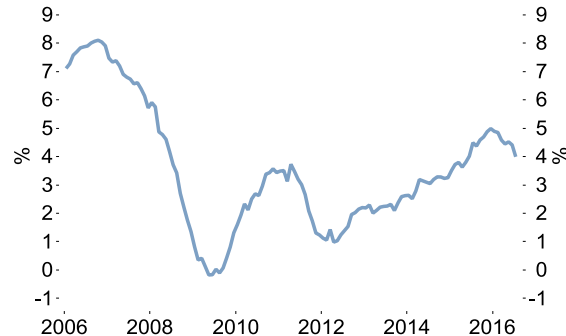
- + Underlying drivers have been positive in recent years
 - Positive forecasts for 2016 with 4% investment growth
- + Levelling off at a high level in 2017
 - Household demand remains positive
 - Slowdown in export growth and manufacturing production
 - Banks expect more moderate growth in corporate lending



SWEDEN: LEVELLING OFF AFTER TWO YEARS OF GROWTH?

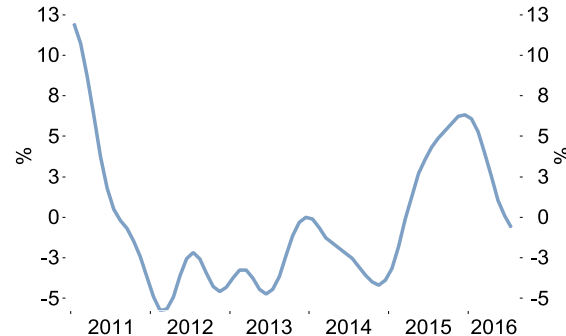
Retail trade

Annual growth rate



Industrial production

Annual growth rate



+ Underlying drivers have been positive in recent years

- Positive forecasts for 2016 with 4% investment growth

+ Levelling off at a high level in 2017

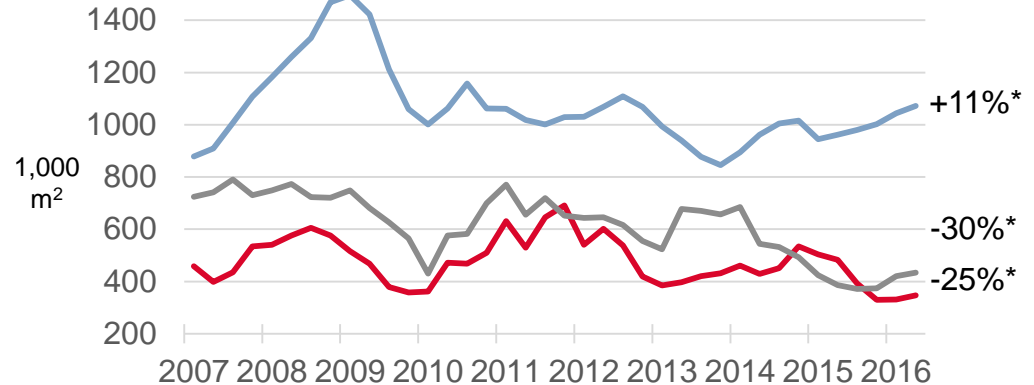
- Household demand remains positive
- Slowdown in export growth and manufacturing production
- Banks expect more moderate growth in corporate lending

NORWAY: STRUCTURAL FACTORS?

- + Weak forecasts:
 - Forecasts of 2% decline remains for 2016 and 2017
- + Structural changes in the demand for new buildings?
 - Growth in logistics
 - Warehouses remains at low levels
 - Weak growth in retail trade
 - Offices – new decline in 2016:
 - ...low supply for several years should curb growth in vacancy

COMMERCIAL BUILDINGS START UPS

Rolling 12 months



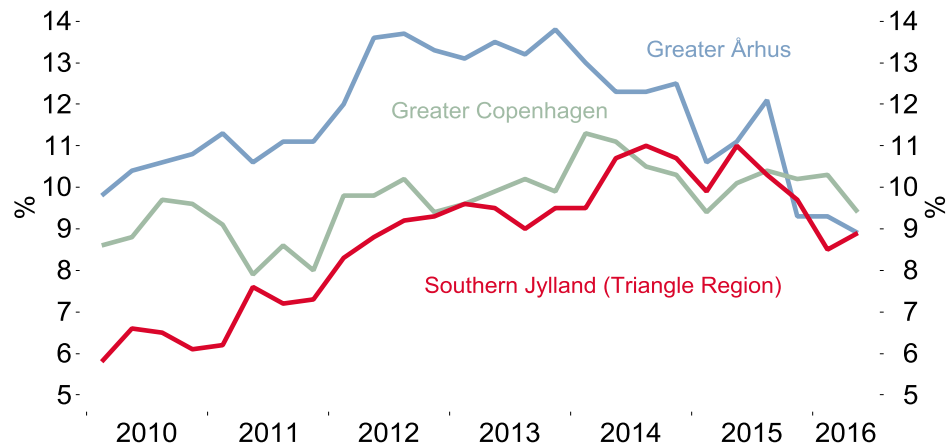
— Offices — Warehouses — Logistics and manufacturing



DENMARK: ON THE RIGHT TRACK, BUT STILL HIGH VACANCY RATE

Sadolin & Albæk Market Barometer

Vacancy rate offices

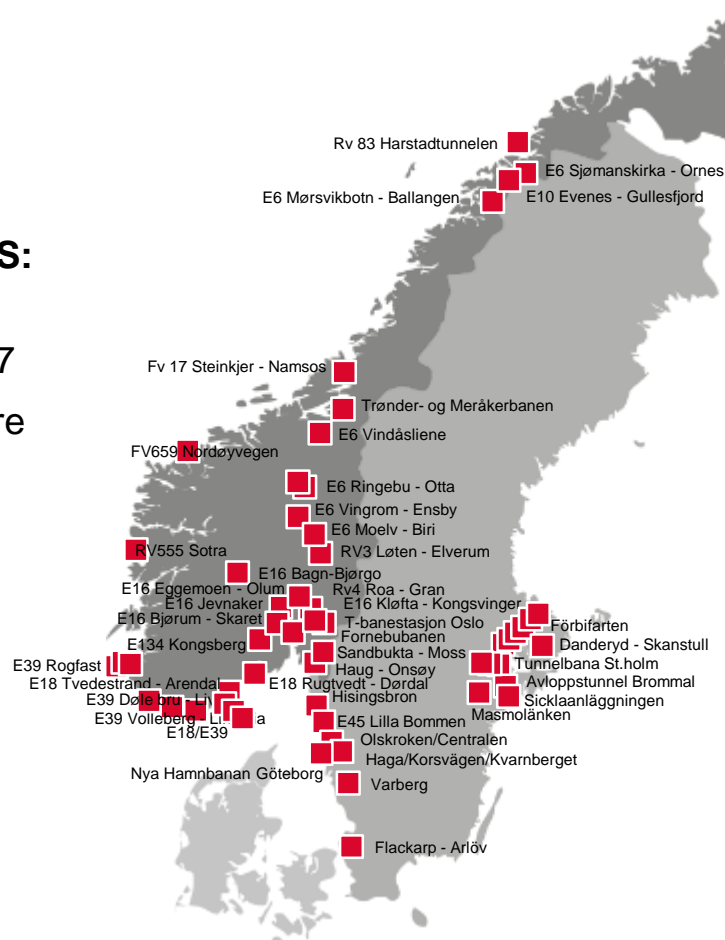


- + Growth from a very low level
 - Forecasts of 3% investment growth in 2016 and 7% in 2017
- + Positive development in underlying driving forces:
 - Employment growth
 - Household consumption
 - Manufacturing production
- + ... but capacity utilization in existing buildings is still too low

3. CIVIL ENGINEERING – EXPANDING MARKETS

TRANSPORT INVESTMENTS:

- + Several large projects are due for tendering in 2016/17
- + The projects amount to more than NOK 120 billion for Norway and Sweden combined*



*Projects above NOK 700 million

INCREASING VOLUMES IN WATER SUPPLY AND SEWERAGE

VEIDEKKE PROJECT OHARA*, OS MUNICIPALITY, HORDALAND

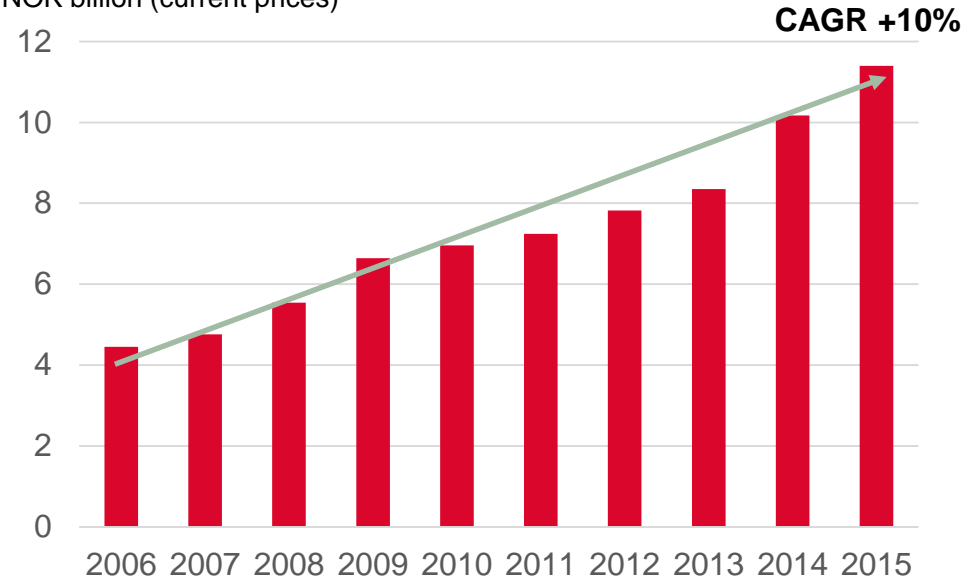


* Os main sewerage tube facility

Source: Statistics Norway

MUNICIPAL INVESTMENTS IN WATER AND SEWERAGE

NOK billion (current prices)



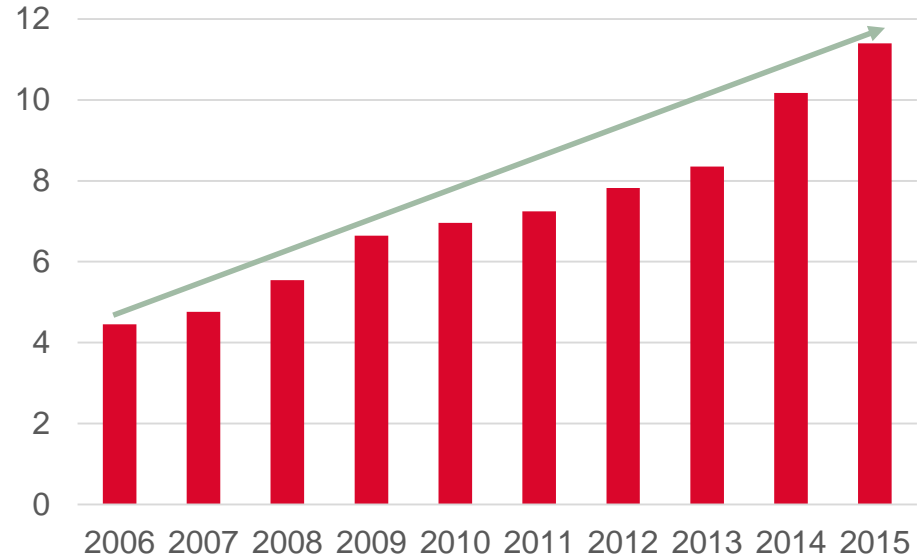
INCREASING VOLUMES IN WATER SUPPLY AND SEWERAGE

Holmen, Akershus August 6 2016



MUNICIPAL INVESTMENTS IN WATER AND SEWERAGE

NOK billion (current prices)

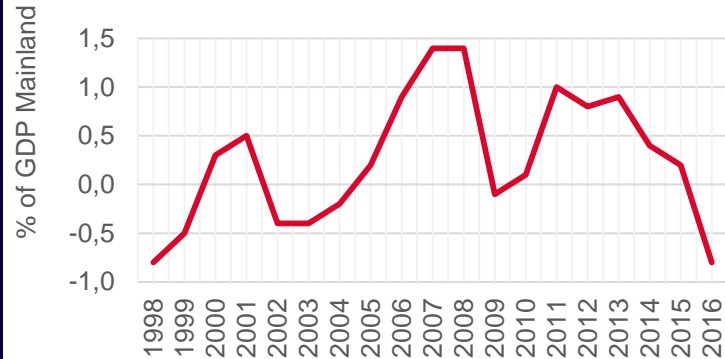




TIGHTER PRIORITIES OR...?



Net surplus National budget



Source: National Budget for 2016



Norwegian Finance Minister: Siv Jensen

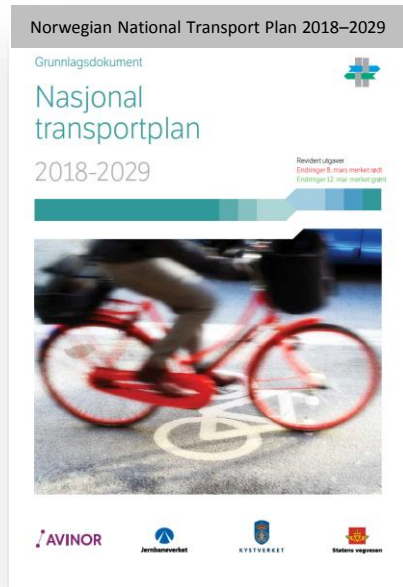
Høyre om!

Høyre-Torbjørn freder formuesskatten



KUTTESTOPP: Kunnskapsminister Torbjørn Røe Isaksen, her under et Høyre-arrangement på Kanalplassen i Arendal torsdag.
FOTO: TERJE BENDIKSBY, NTB SCANPIX

PLANNING BASIS ON NATIONAL TRANSPORTATION PLAN 2018-2029: «BETTER AT MAINTENANCE...» - NEW POLITICAL RETORICS?



“We must look after what we already have”

Vi må ta vare på det vi allerede har

- Drift og vedlikehold ivaretar samfunnets investeringer
- Prioritet før investeringer
- Ta igjen etterslep og hindre nytt
- Økt trafikk og nye anlegg gir økt behov
- Klimaendringer gir nye utfordringer



- Operation and maintenance safeguard society's investments
- Priority before investment
- Catch up on backlog and prevent new one
- More traffic and new infrastructure will mean greater needs
- Climate change will pose new challenges



Vil ikke kutte i oljepengebruken

Finanskomiteens leder Hans Olav Syversen (KrF) ser ingen grunn til å bremse oljepengebruken.

POLITIKK

Tore Gjerstad og
Kristian Skard
Oslo

Allerde nå, en måned før statsbudsjettet legges frem, varsler Finanskomiteens leder Hans Olav Syversen (KrF) at regjeringen bare kan fortsette den sterke oljepengebruken.

«Hvor viktig blir det å begrense oljepengebruken i statsbudsjettet neste år?»

Jeg tror for 2017 at konjunkturerne fortsatt er slik at det ikke er året for det. Det er nok lenger frem, sier Syversen.

Finansminister Siv Jensen bruker nå 70 milliarder mer oljekroner enn da hun overtok i 2013. Det strukturelle, oljekorrigerende underskuddet i statsbudsjettet er på 200 milliarder.

Stimulering trengs

Hver åttende krone som brukes over offentlige budsjetter, høstes nå fra Oljefondet. Og for første gang vil 2016 bli året hvor det oljekorrigerende underskuddet er større enn statens oljeinntekter. Det vil si at det nå skjer en netto overføring fra fondet til statsbudsjettet. Men Syversen vil vente med å starte innstramningen.

Jeg tror det er vanskelig for vi ser makrotallene og budsjettet fra regjeringen å sette en krittstrek, men ut ifra det vi hører fra ulike kilder regner vi med det kan snu i

Handlingsregelen

- Bestemmer hvor mye oljepenger som kan brukes over statsbudsjettet. Over tid skal den årlige bruken tilsvare fire prosent av verdien av Oljefondet – fireprosentregelen.
- I gode tider skal det brukes mindre enn fire prosent, mens det i dårlige tider skal brukes mer.
- Baserer seg på at avkastningen av Oljefondet er anslått til

skriver i tillegg til statsbudsjettet. «Sett under ett virker den økonomiske politikken nå svært ekspansiv.»

«Vi nærmer oss en farlig grense for at man gjennom statsbudsjettet tilfører så mye midler at det kan påvirke kronkursen og rentenivå negativt, sier Breivik.

Professor advarer

Økonomiprofessor Ragnar Torvik ved NTNU, advarer regjeringen mot å fortsette økningen i oljepengebruken.

Det som er problematisk med oljepengebruken er at den delvis er et resultat av at regjeringen kanskje ikke har evnet å prioritere

Ragnar Torvik, professor i samfunnsøkonomi ved NTNU

er et resultat av at regjeringen kanskje ikke har evnet å prioritere, og delvis som resultat av en fallende oljepris som har gitt oss en nedgangskonjunktur, sier Torvik.

Økonomiprofessoren mener det er grunn til å spørre om regjeringen, med støtte fra stortingsflertallet, risikerer å bruke feil medisin mot nedgangstidene – dersom økningen i pengebruken fortsetter.

«Det er veldig viktig å være klar over at nedgangskonjunkturer vi har nå er helt forskjellig fra nedgangskonjunkturer vi har hatt tidligere. Også tidligere har vi hatt store variasjoner i oljeprisen, men det har ofte vært kortvarig. Det oljeprisfallet vi ser nå er helt annerledes. Det skyldes at vi har



KrFs finanspolitiske talsmann Hans Olav Syversen tror ikke den økonomiske situasjonen i 2017 vil slå mindre oljepengebruk. Foto: Gorm K. Gaare

«No cuts in the use of petroleum revenues»
Hans Olav Syversen (KRF), Chair of the Finance Committee

Facsimile from Dagens Næringsliv 10.9.2016

2017 investment
financing secured?



pengepo-
pedre kon-
andre så
e bruker
å stimu-
ingslivet,
disjonell
or man
tegerin-
r på alt
braker

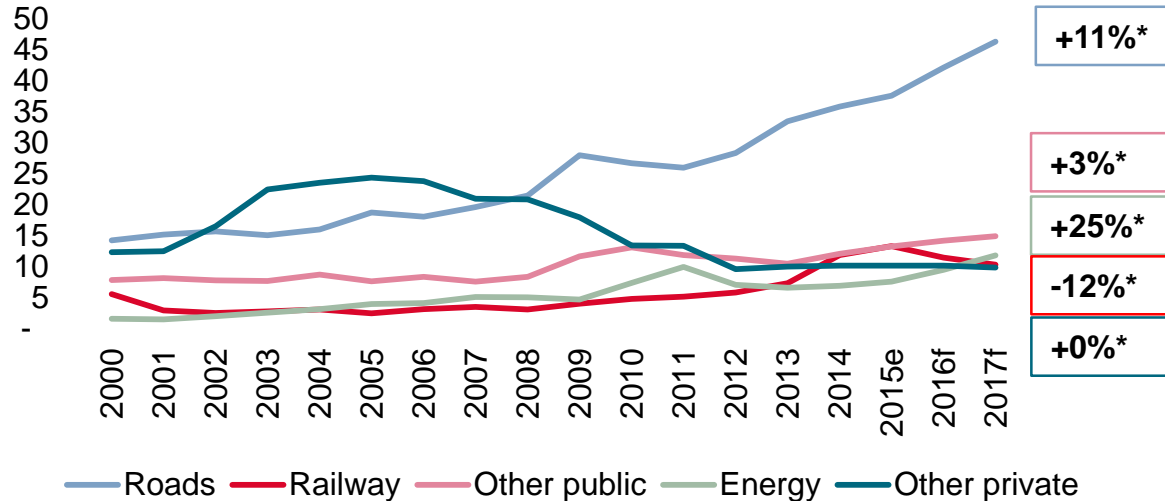
NHH EXECUTIVE KORTPROGRAM

NHH

INNOVATIONSLIVET

NORWAY: HEADING FOR HIGHER ACTIVITY LEVELS

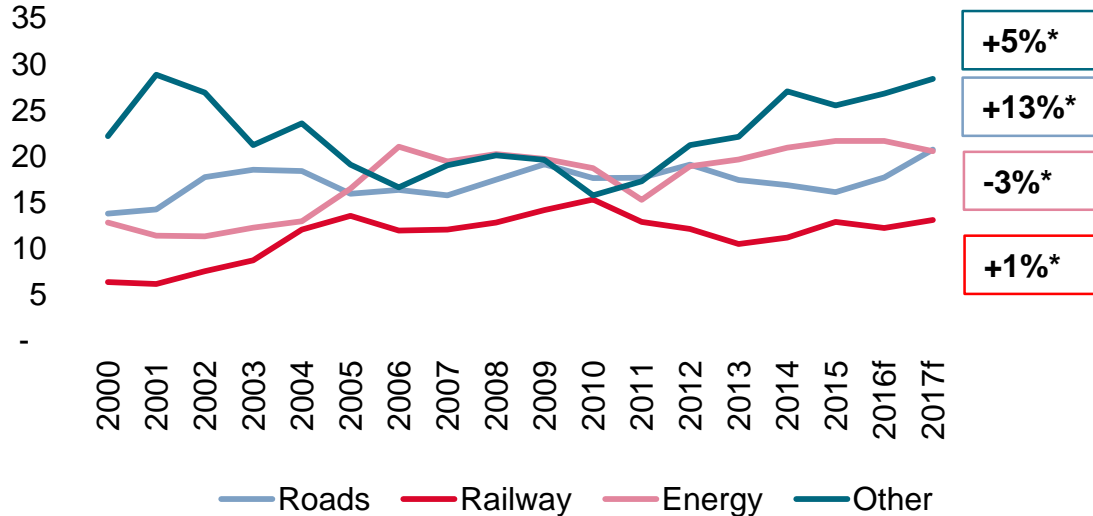
NOK billions



- + Continued growth in Roads
 - Although some projects are postponed
- + High levels in railway
 - But new projects will not provide growth until after 2017
- + Growth continues in Energy
 - Upgrading lines is the primary driver of growth
- + Positive development in water and sewerage

SWEDEN – BOOM IN PUBLIC DEMAND

SEK billions



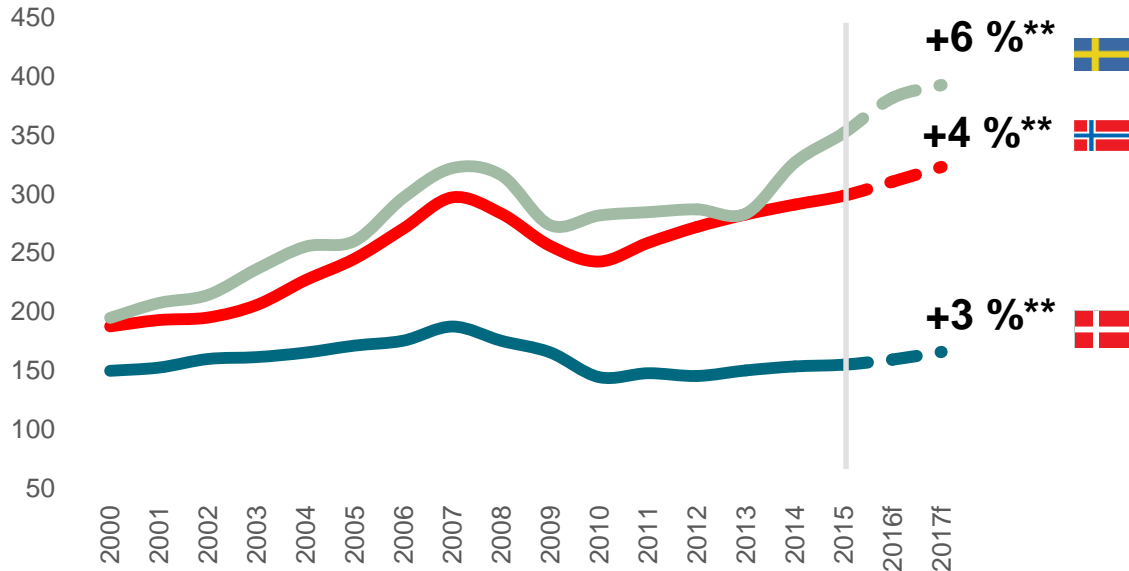
- + Roads growing after years of stagnation
- + Railway sector «taking a break» in 2016 and 2017
- + Positive development in water and sewerage
 - New requirements – climate and water quality
 - Infrastructure for residential development
- + Energy levelling off



SUMMARY

ACTIVITY GROWTH CONTINUES

INVESTMENTS IN CONSTRUCTION. NOK* BILLIONS 2016-PRICES



- + Mainly positive outlooks for the Economies
- + High level of activity in the forecasting period
- + Residential and public infrastructure are the main drivers of growth



APPENDIX – FORECASTS



FORECASTS – LOCAL CURRENCY

	Level 2015 NOK bill.	2015 growth	2016 growth	2017 growth	CAGR 2015-17
Residential	130	2% ↓	5% ↑	5% ↑	5% ↑
Commercial buil.	55	-2% ●	-2% ●	-2% ●	-2% ●
Public buil.	35	3% ●	3% ●	3% ●	3% ●
Civil engineering	80	7% ↑	7% ↓	7% ●	7% ↓
Total	299	3% ↑	4% ↑	4% ↑	4% ↑

Housing starts, units	31.000	34.000 ↑	35.000 ↑
--------------------------	--------	----------	----------

Legend: ● Forecast unchanged from March 2016 EA Report
↓ ↑ Forecast downgraded / revised upwards from March 2016 EA Report

FORECASTS – LOCAL CURRENCY

	Level 2015 SEK bill.	2015 growth	2016 growth	2017 growth	CAGR 2015-17
Residential	149	17% ↓	15% ↑	2% ●	8% ↑
Commercial buil.	102	4% ↓	4% ●	1% ↓	2% ↓
Public buil.	42	1% ↓	7% ↑	5% ●	6% ↑
Civil engineering	78	0% ↓	3% ↑	6% ●	4% ●
Total	370	8% ↓	9% ↑	3% ↓	6% ↑

Housing starts, units	46.000	58.000 ↑	60.000 ↑
--------------------------	--------	----------	----------

Legend: ● Forecast unchanged from March 2016 EA Report
 ↓ ↑ Forecast downgraded / revised upwards from March 2016 EA Report

FORECASTS – LOCAL CURRENCY

	Level 2015 DKK bill.	2015 growth	2016 growth	2017 growth	CAGR 2015-17
Residential	48	0% ●	5% ●	10% ●	7% ●
Commercial buil.	17	-1% ↑	3% ●	7% ●	5% ●
Public buil.	21	6% ↑	-2% ↓	-2% ↓	-2% ↓
Civil engineering	39	0% ↓	3% ↑	-2% ●	0% ↑
Total	125	1% ●	3% ●	4% ↓	3% ↓

Housing starts, units	14,500*	17,000 ↑	19,500 ●
--------------------------	---------	----------	----------

Legend: ● Forecast unchanged from March 2016 EA Report
 ↓ ↑ Forecast downgraded / revised upwards from March 2016 EA Report