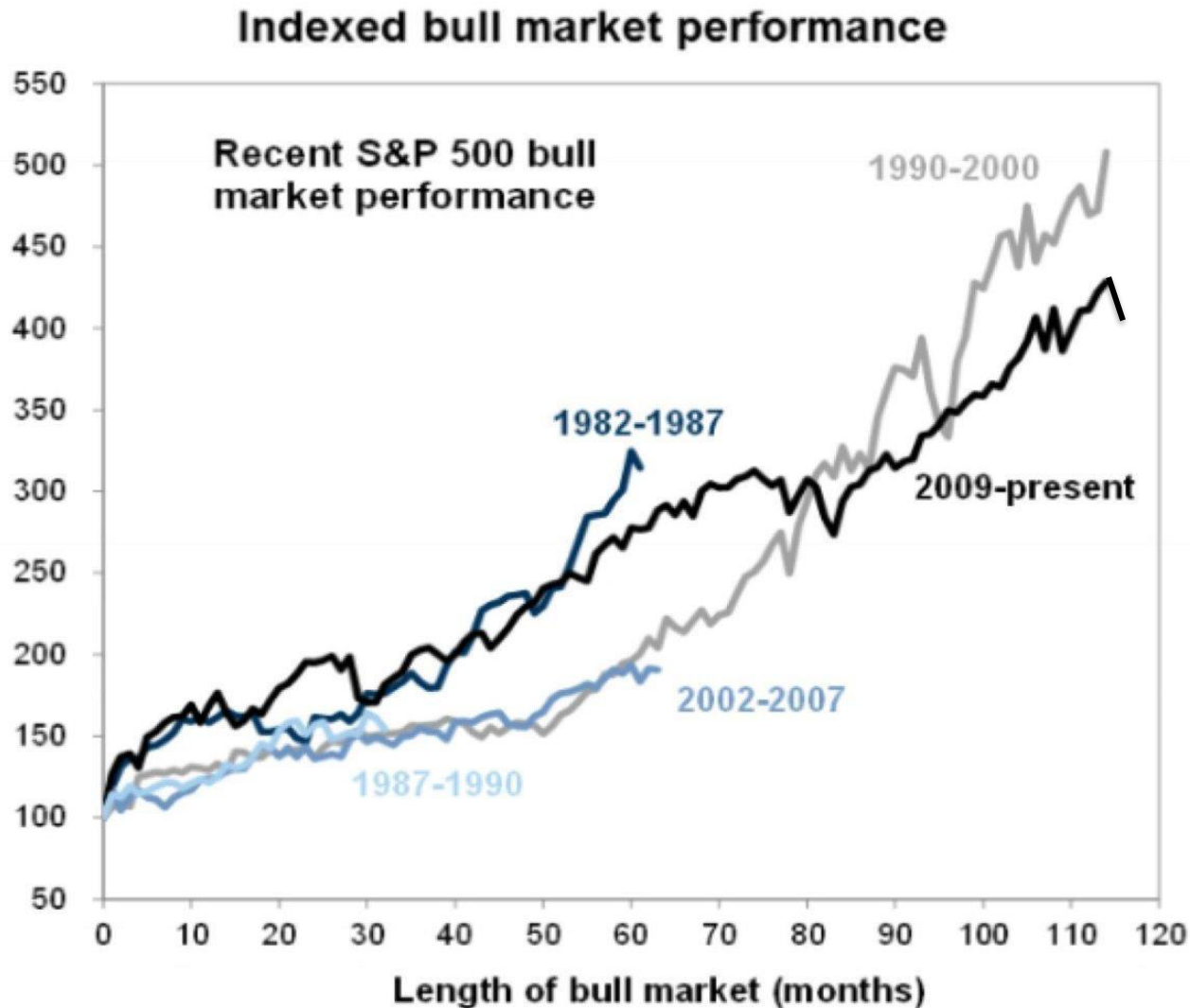


# Outlook for the European Sawmill Industry

Trämarknaden  
21- 22 November 2018, Karlstad

Sampsa J. Auvinen  
President  
European Organization of the Sawmill Industry

# Is the party over?



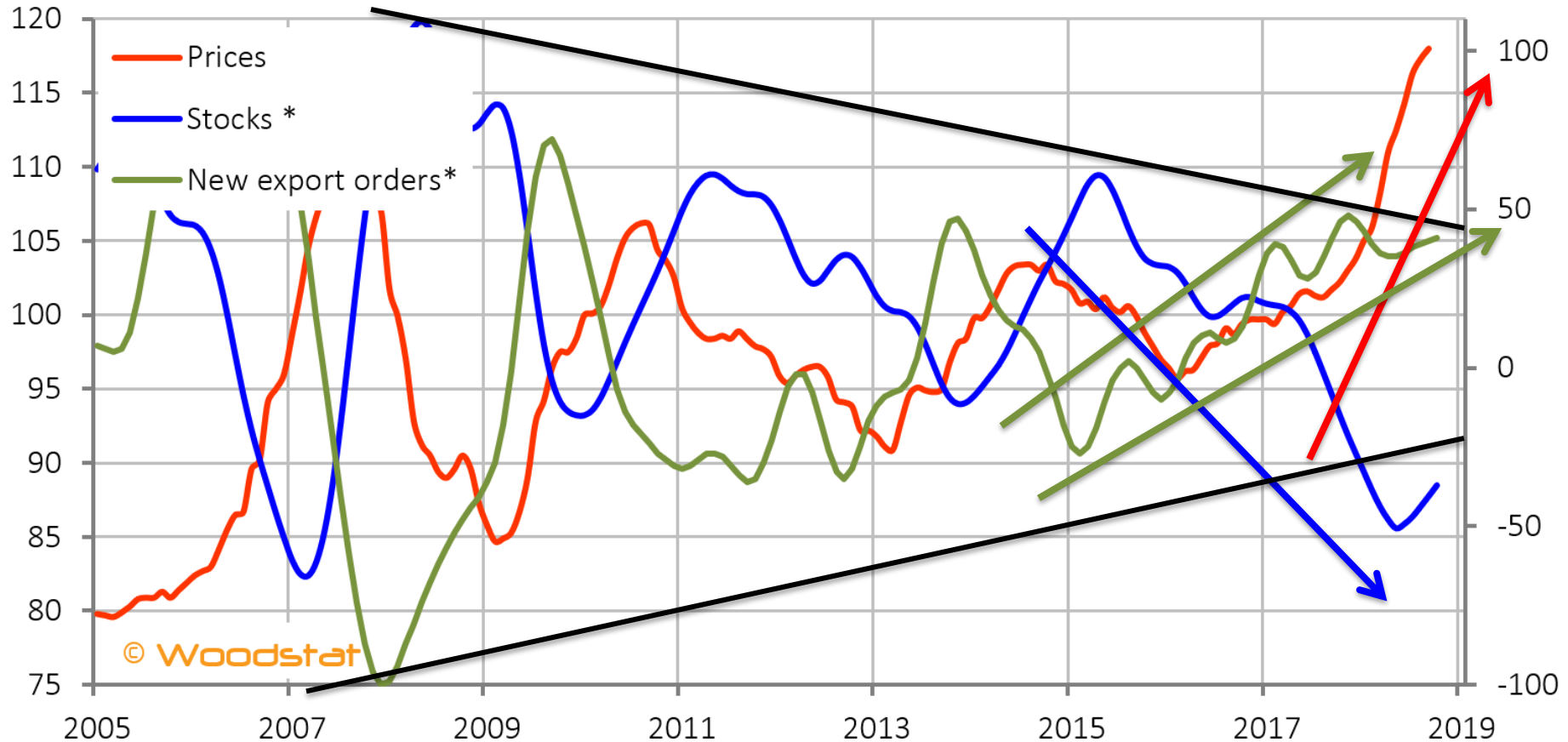
# From Unbalance to Balance and again to Unbalance

stocks & new  
export orders,  
balance

## SWEDEN sawmills

Prices, stocks & new export orders

Prices,  
Index (2015 = 100)



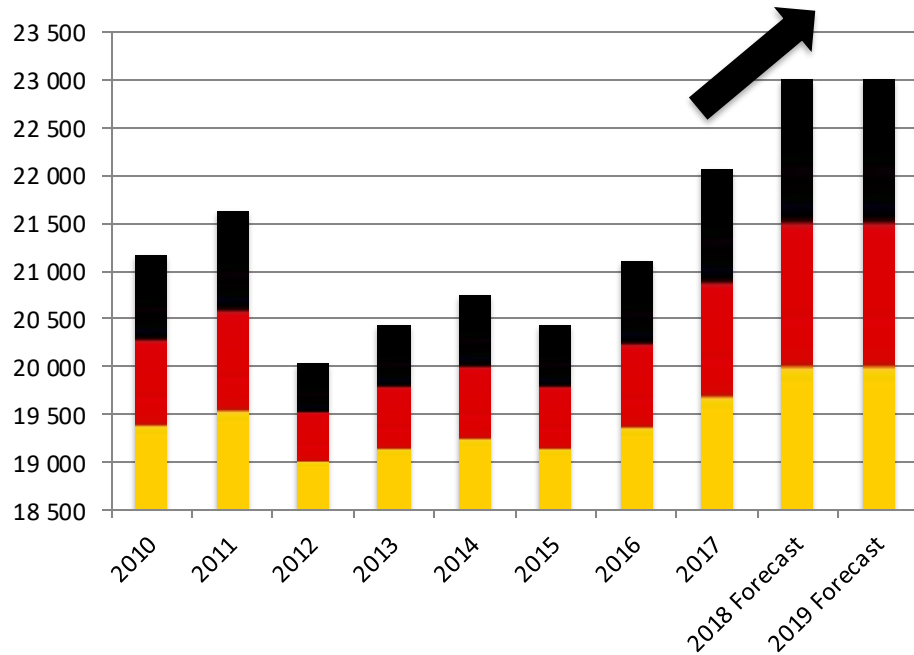
© Woodstat

Sources: KI, SCB

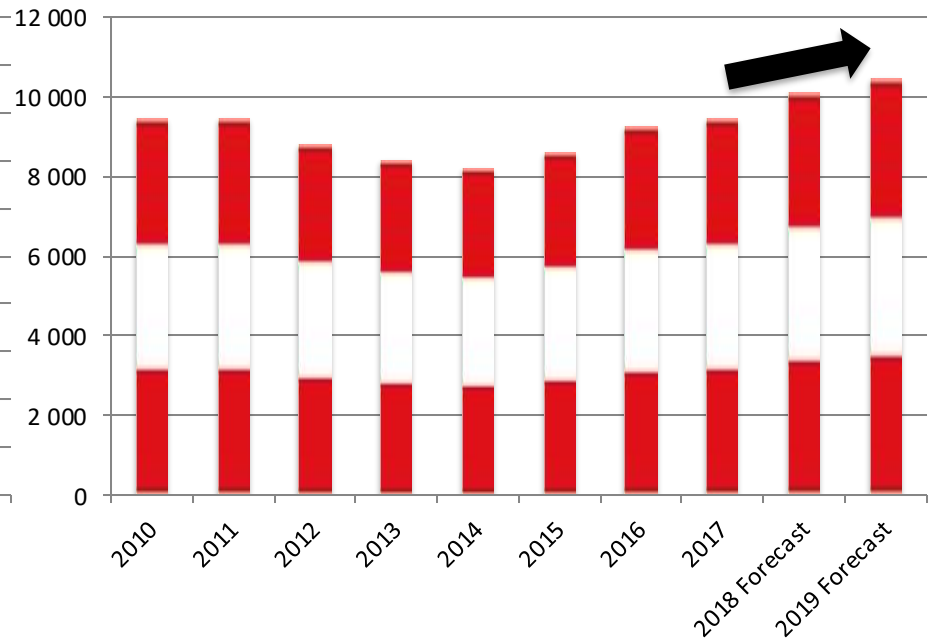
\* Seasonally adjusted figures

# Sawn softwood production

## Germany



## Austria

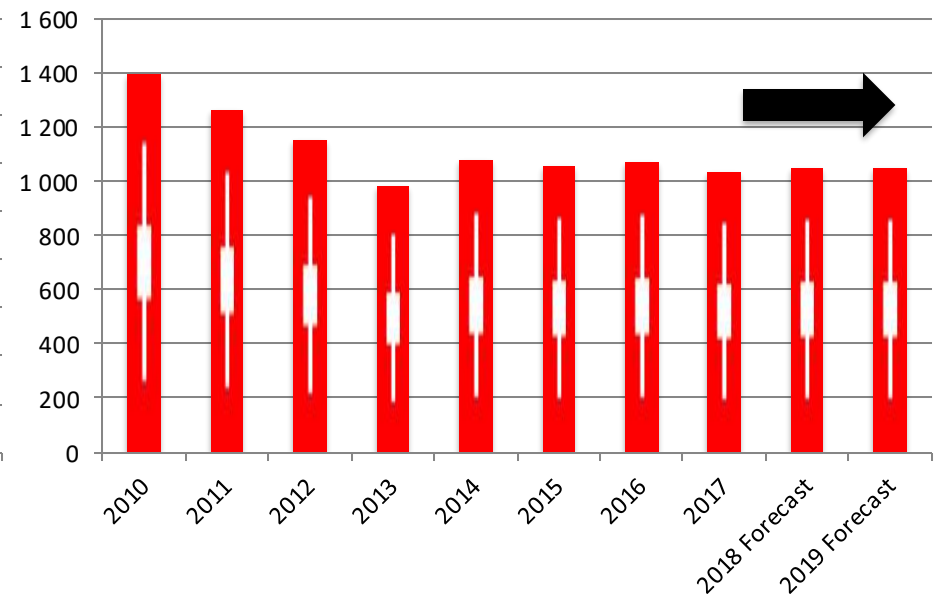
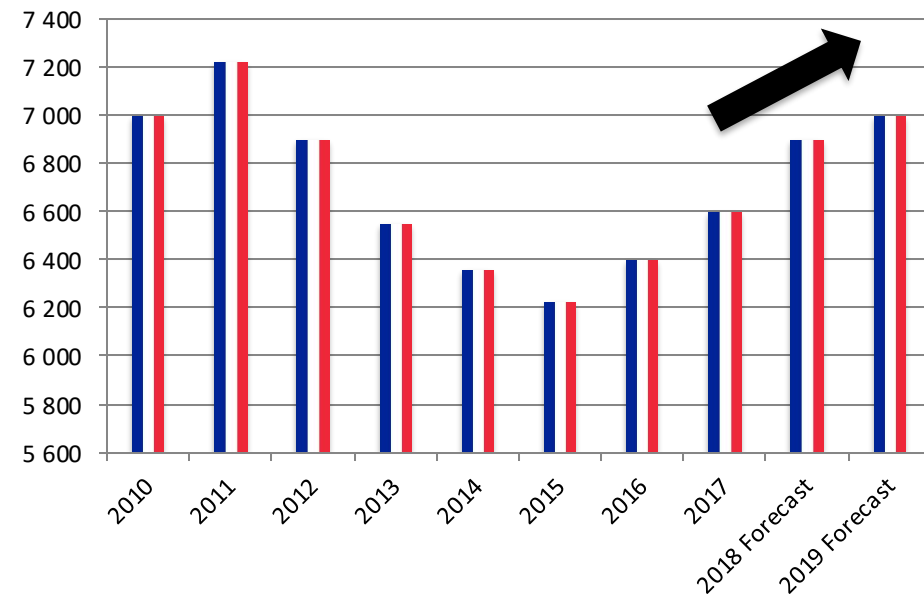


Source: European Organization of the Sawmill Industry

# Sawn softwood production

## France

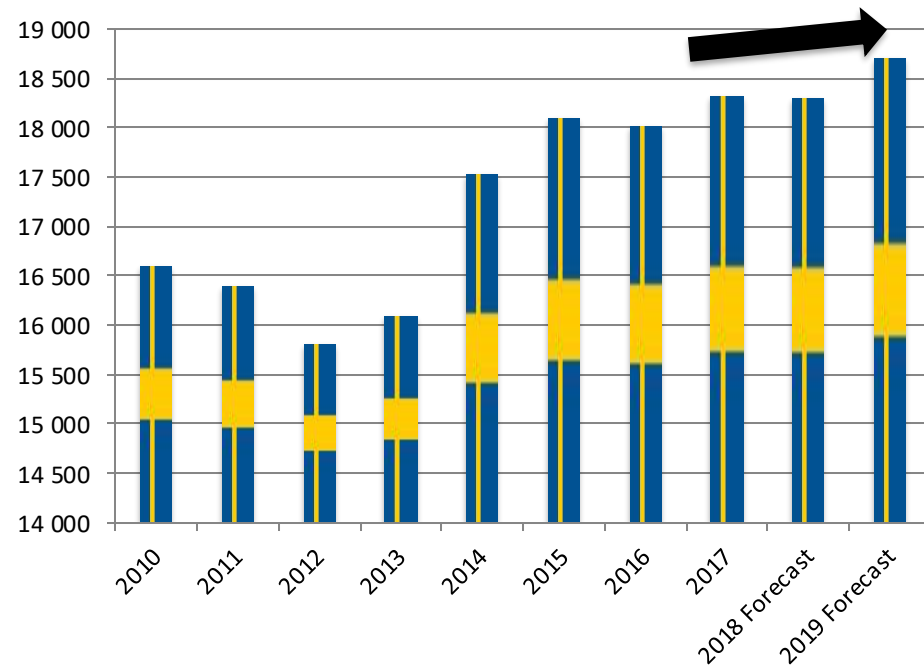
## Switzerland



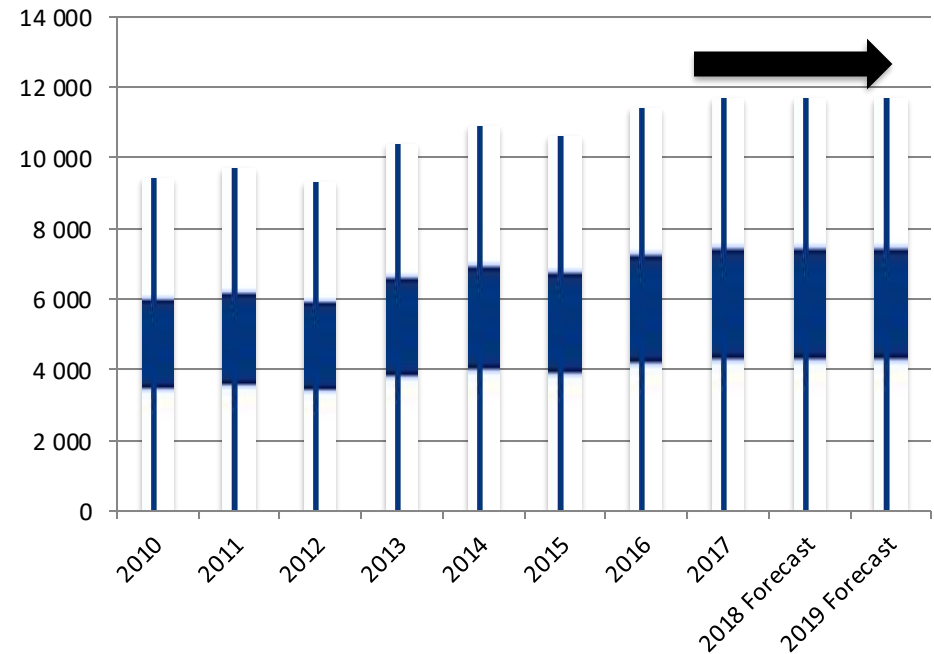
Source: European Organization of the Sawmill Industry

# Sawn softwood production

## Sweden



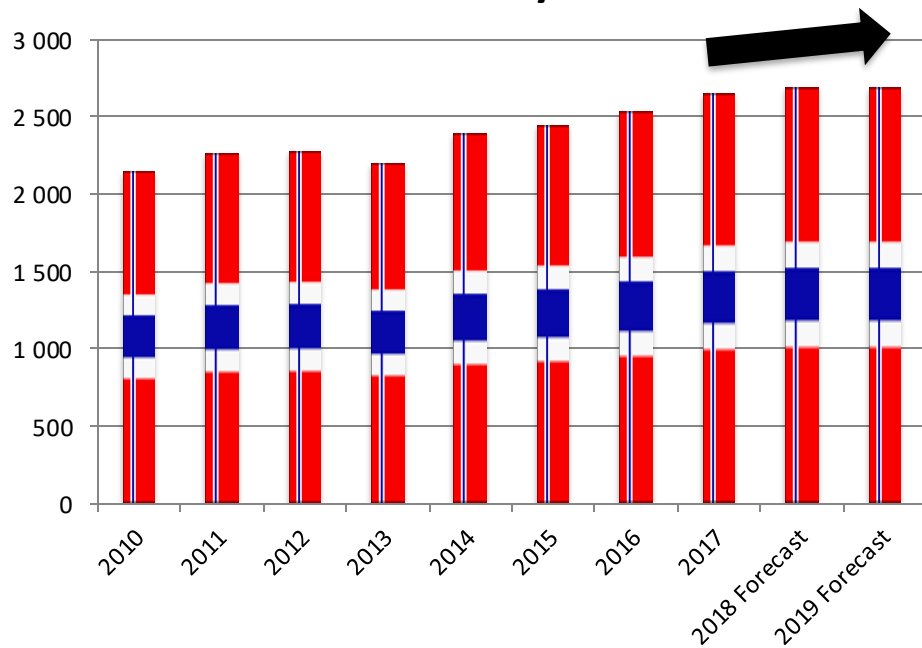
## Finland



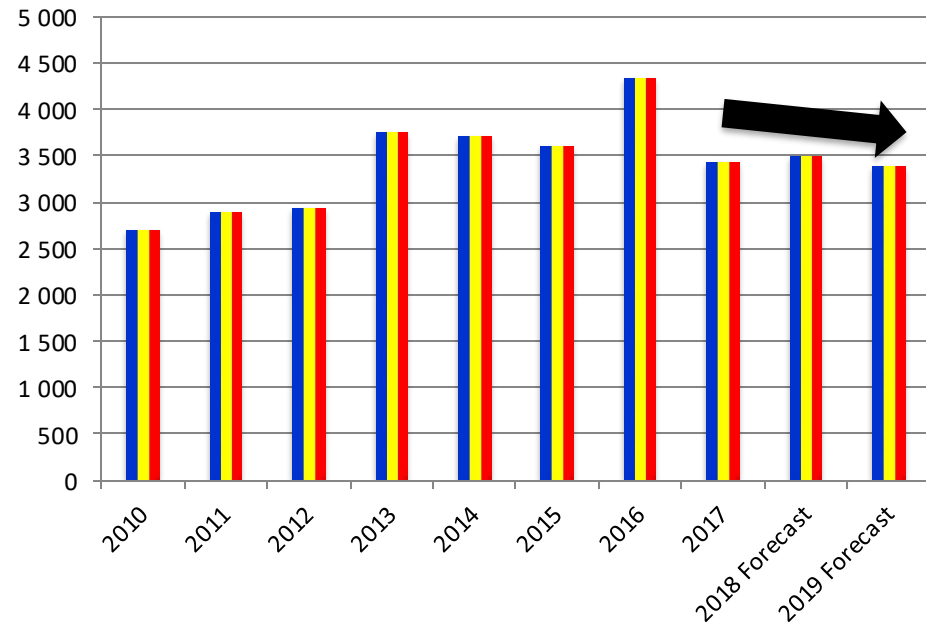
Source: European Organization of the Sawmill Industry

# Sawn softwood production

## Norway



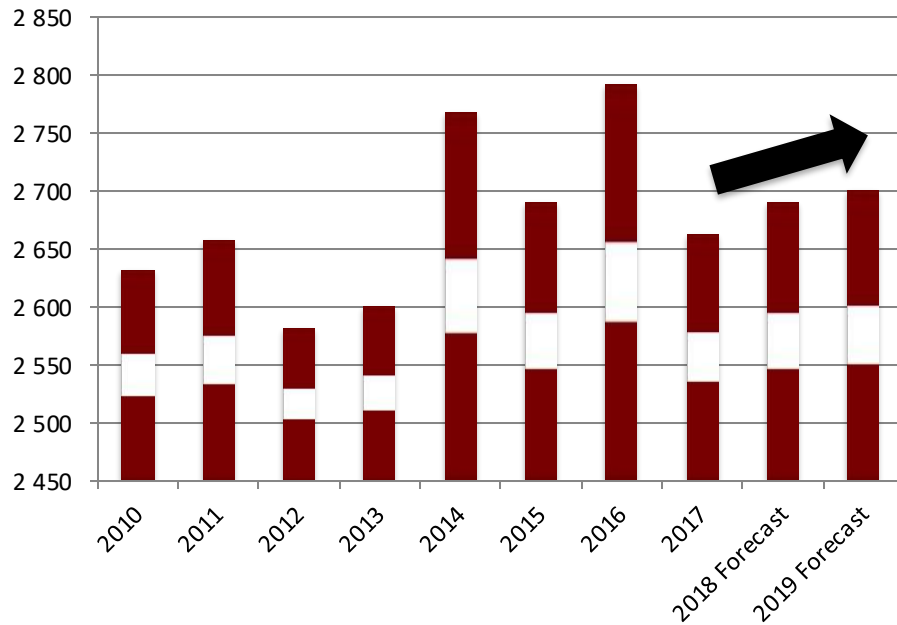
## Romania



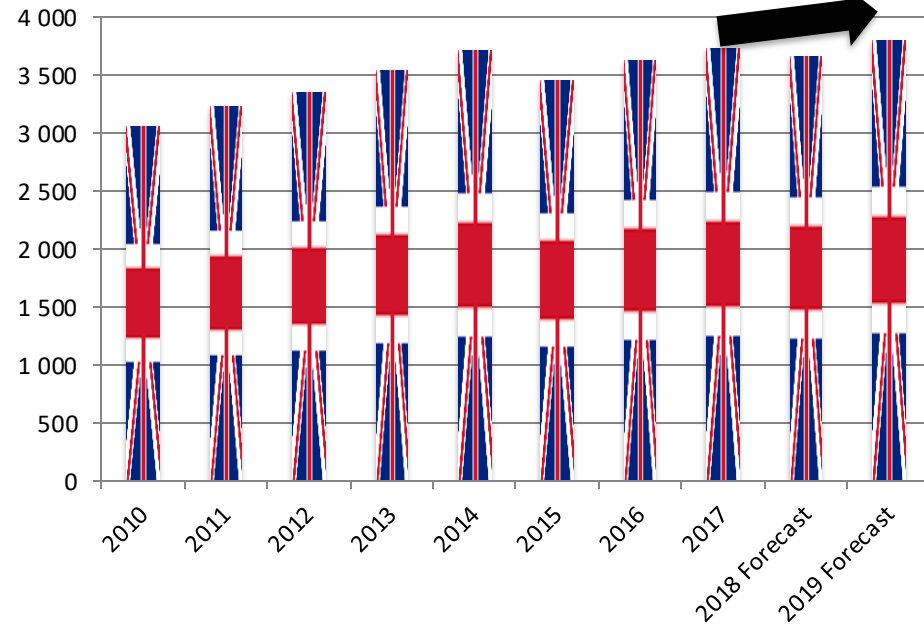
Source: European Organization of the Sawmill Industry

# Sawn softwood production

## Latvia



## UK

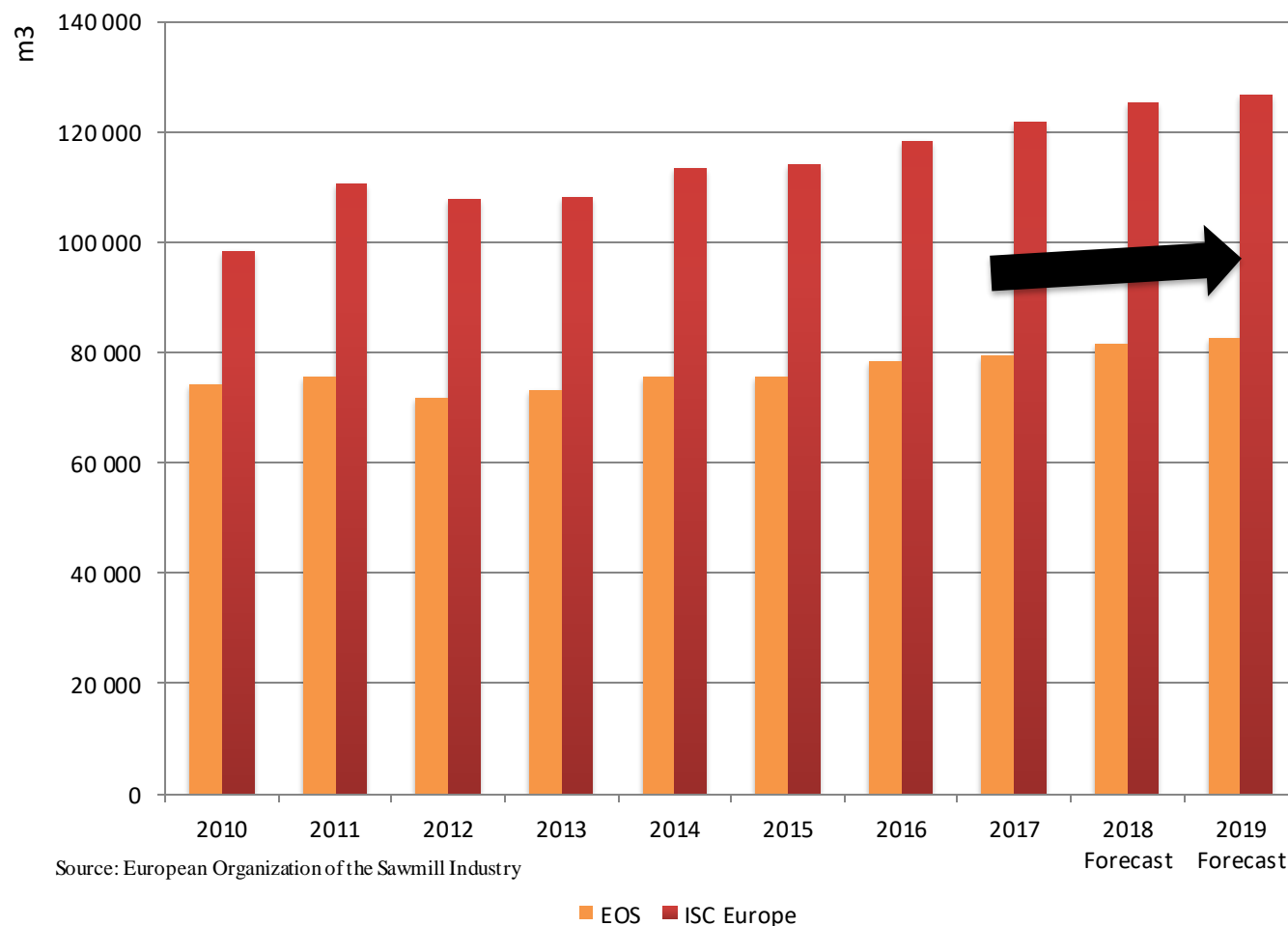


Source: European Organization of the Sawmill Industry



# Sawn softwood production

In the EOS member countries\*, total production of sawn softwood increased by 1,3% in 2017 and reached 79,6 million m<sup>3</sup>. In 2018, production is expected to increase 2,55 % to 81,7 million m<sup>3</sup> and in 2019 0.9% to 82.5 million m<sup>3</sup>.



\*EOS countries:

Austria

Belgium

Denmark

Finland

France

Germany

Latvia

Norway

Romania

Sweden

Switzerland

ISC:

Above+

Italy

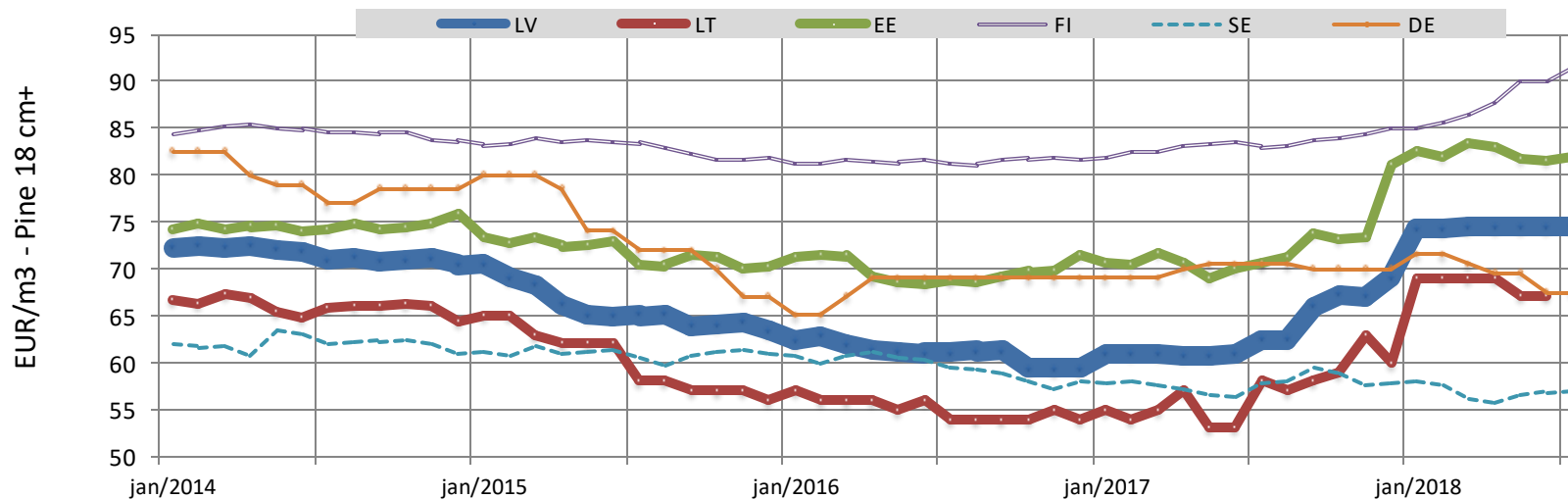
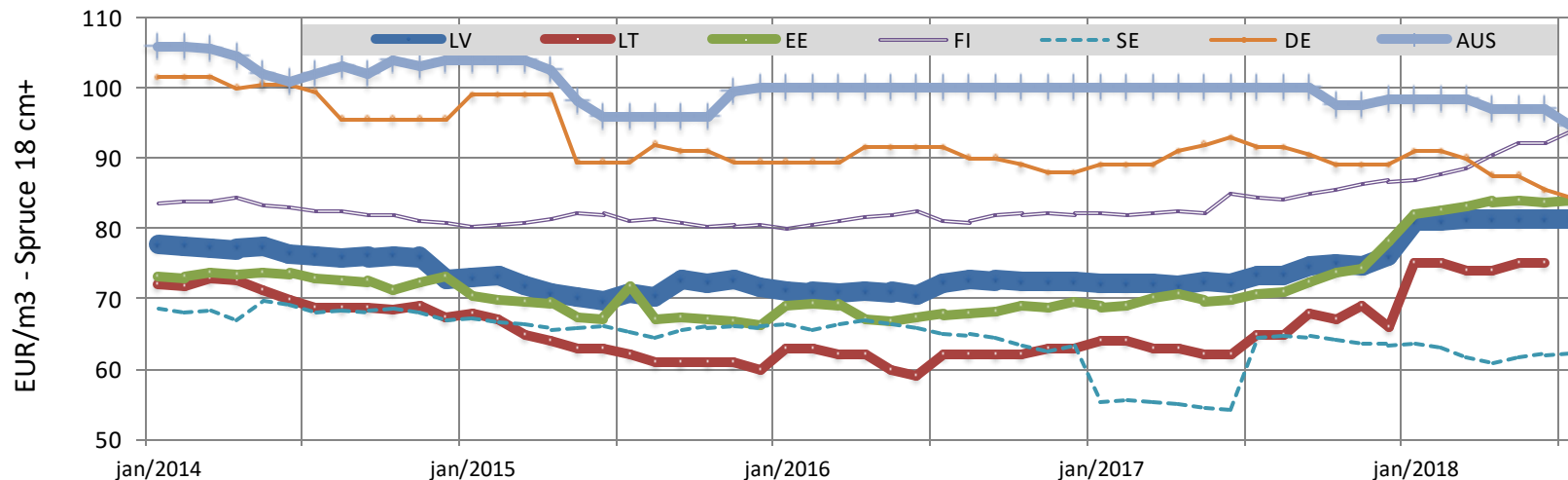
Spain

Netherlands

United Kingdom

Russia

# Raw material prices

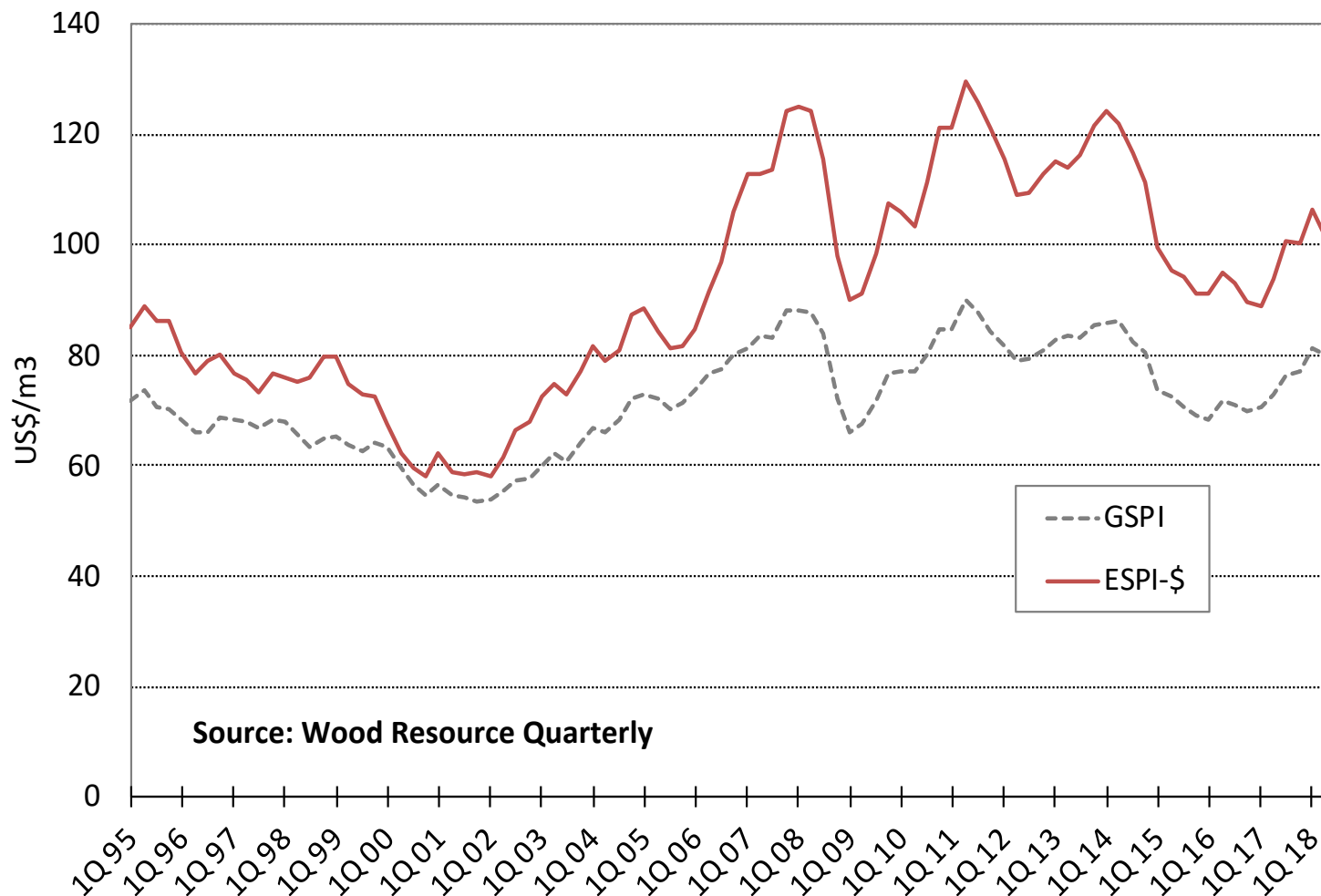


Latvia, Estonia, Sweden and Finland – prices are DLD to mill.  
Germany, Austria and Lithuania – prices are ex forest road side.

Source: Latvian Forest and Wood Products Research and Development Institute

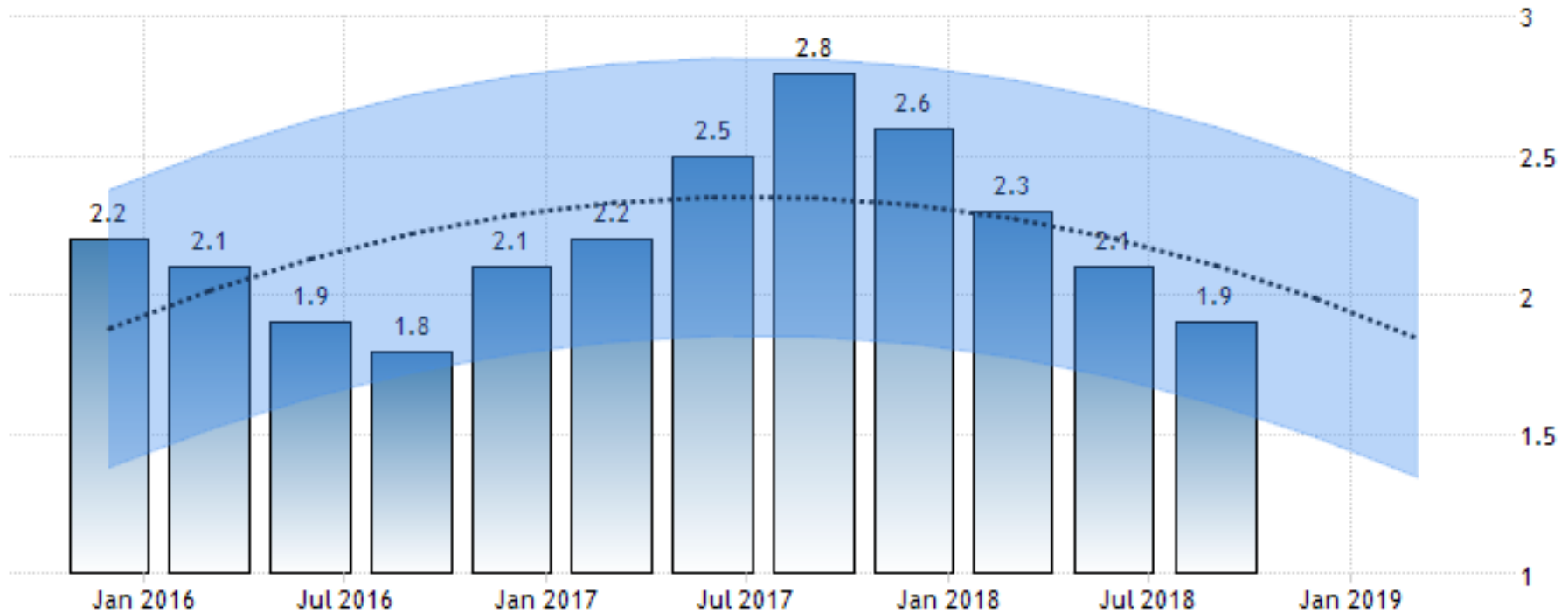
# Raw material prices

## Global and European Sawlog Price Indices 1Q/95 - 2Q/18



# GDP is expected to increase in the EU28 by 2,1% in 2018

EUROPEAN UNION GDP ANNUAL GROWTH RATE



SOURCE: TRADINGECONOMICS.COM | EUROSTAT

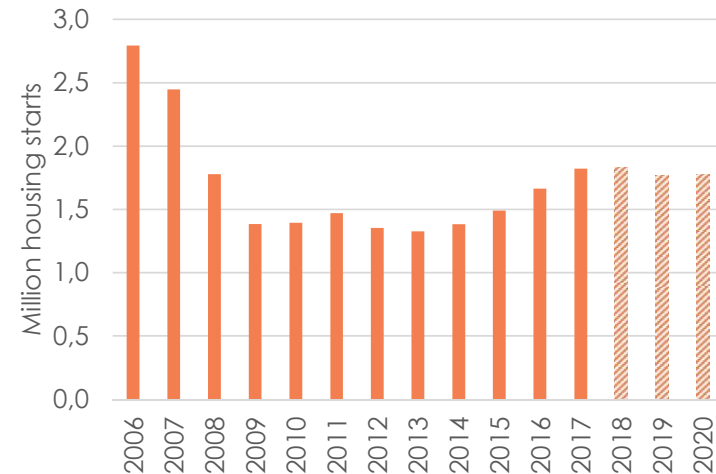
## Total Construction output for the 19 Euroconstruct countries<sup>1</sup>.

Change in % (euro at 2016 prices)	2017	2018 (f)	2019 (f)	2020 (o)
New residential construction	10,3%	5,1%	1,4%	0,6%
Housing starts* (units)	9,6%	0,3%	-3,3%	0,5%
Residential renovation	1,7%	1,0%	1,1%	1,6%
<b>Total residential construction</b>	<b>5,3%</b>	<b>2,8%</b>	<b>1,2%</b>	<b>1,1%</b>
Non-residential construction	1,8%	1,7%	1,5%	1,4%
Civil engineering	2,1%	4,4%	4,5%	2,5%
<b>Total construction</b>	<b>3,9%</b>	<b>2,7%</b>	<b>1,9%</b>	<b>1,4%</b>

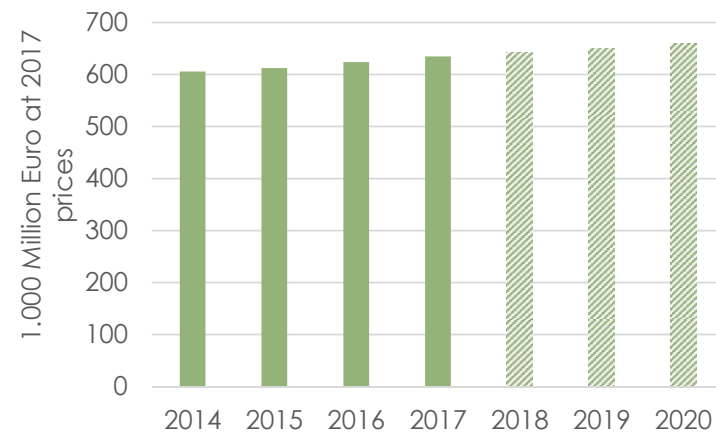
\*="housing permits" in Germany and the Netherlands

<sup>1</sup> Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland,, United Kingdom, Czech Republik, Hungary, Poland, Slovak Republik

Housing starts\* in the EC area

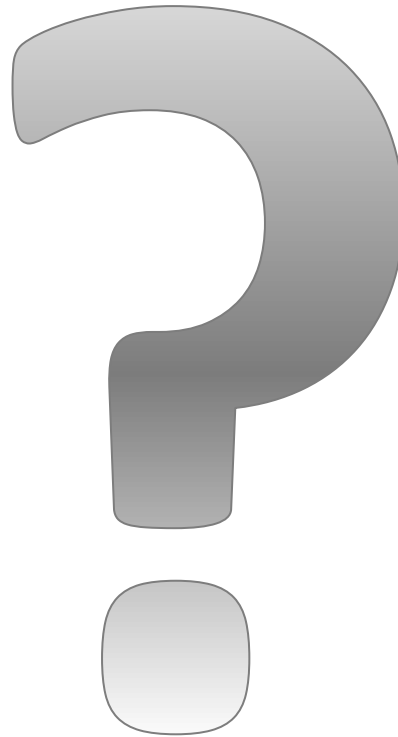


Building renovations in the EC area



Source: EUROCONSTRUCT, June 2018

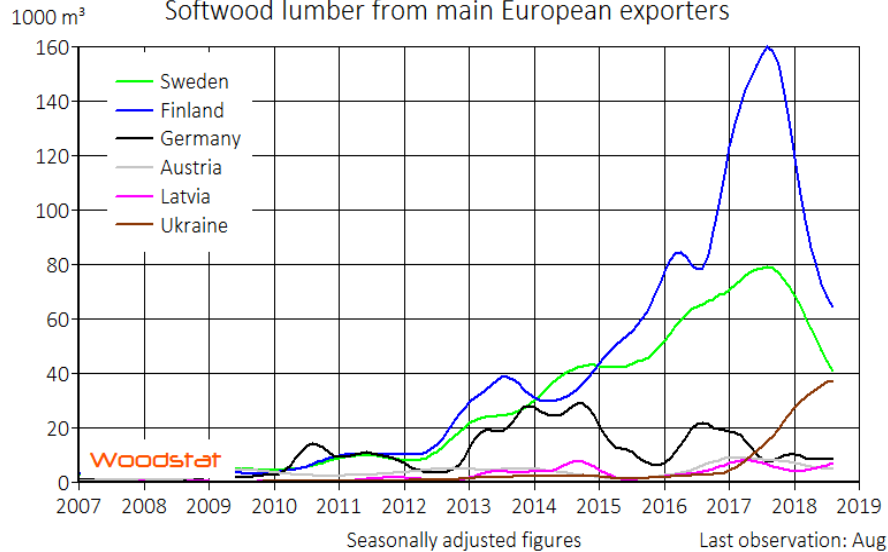
# BREXIT



# Sawn softwood exports to China

## CHINA monthly import\*

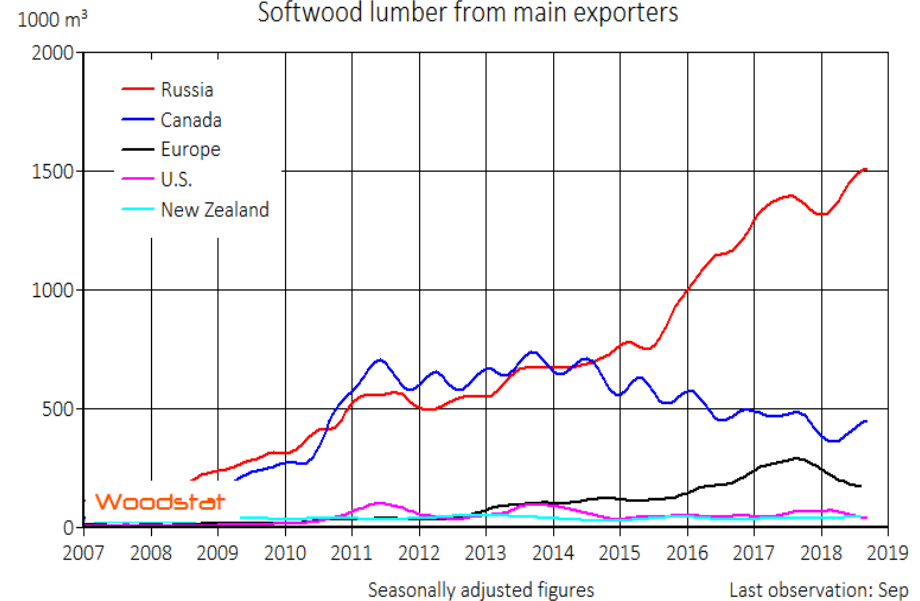
Softwood lumber from main European exporters



\*Export figures from main exporting countries.  
Sources: Eurostat, Ukraine Customs and other

## CHINA monthly import\*

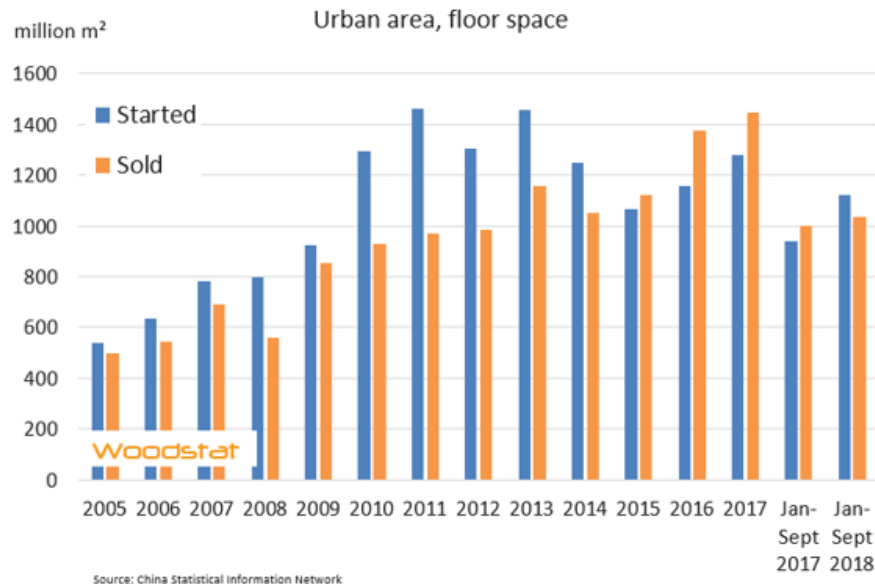
Softwood lumber from main exporters



\*Export figures from main exporting countries.  
Sources: Eurostat, Russian Customs, USDA, Statistics Canada, Stats NZ, Ukraine Customs and other

# Sawn softwood exports to China

## CHINA residential buildings, started & sold



Sales price changes of newly constructed commercial residential buildings in China		
	M/M	2018/2017
January	+0.3%	+5.4%
February	+0.2%	+5.8%
March	+0.4%	+5.5%
April	+0.6%	+5.3%
May	+0.8%	+5.4%
June	+1.1%	+5.8%
July	+1.2%	+6.6%
August	+1.5%	+8.0%

*Since January 2018, the National Bureau of Statistics has canceled the statistical indicators for the sales price of affordable housing and only compiled and released the sales price index for newly constructed commercial residential buildings.*



## China's official statistics getting more suspect

BOFIT WEEKLY 2018/36

7 Sep 2018

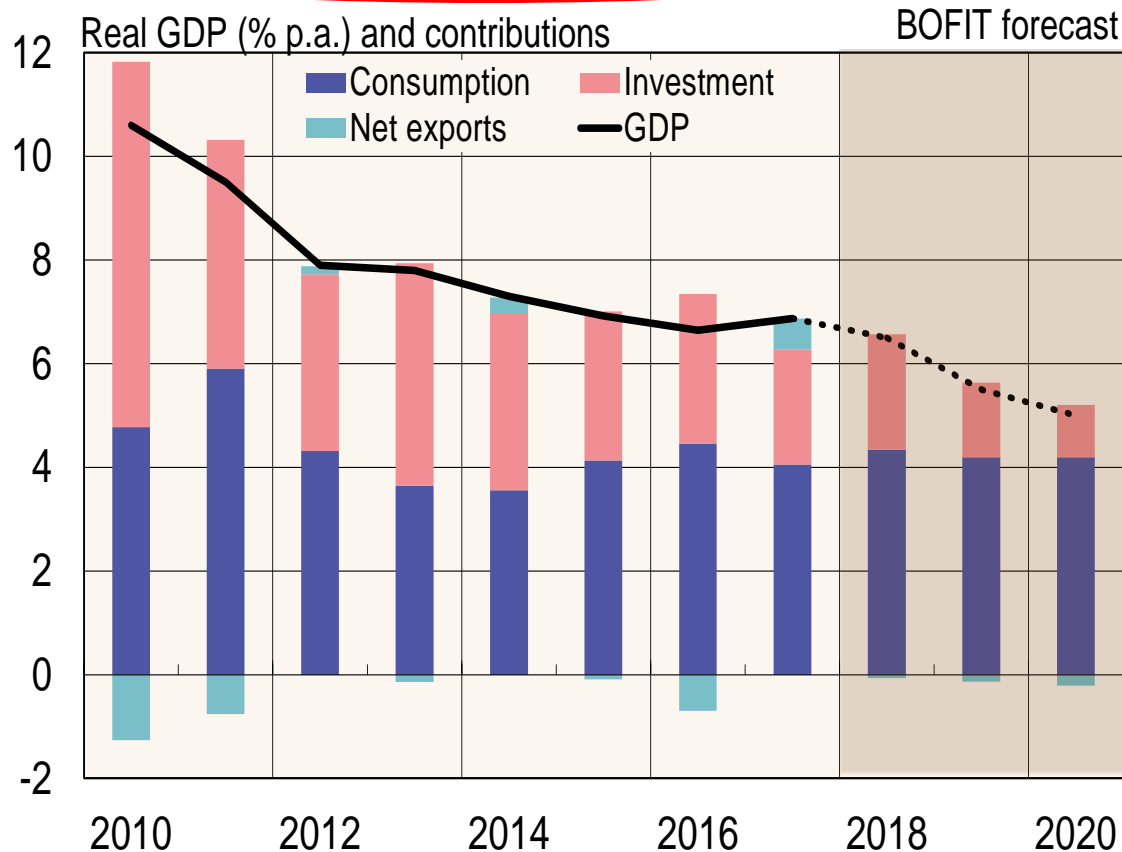
The Hong Kong daily South China Morning Post (SCMP) last week reported potential new cases of **anomalous statistical reporting by Chinese officials**. The SCMP article found evidence to question recently published data from the China National Bureau of Statistics (NBS) on the profitability of large industrial firms, retail sales, electricity consumption and coal output. SCMP reporters assert that officially reported **July industrial profit growth was seriously overstated** compared with growth figures calculated from absolute yuan figures. The NBS explained that the difference reflects annual changes in the size of the corporate sample. The NBS sample is limited to firms with revenues above 20 million yuan. **Some experts interviewed think that the NBS may, for example, deliberately adjust the sample size to make the numbers look better and meet official growth targets.**

Last month, Chinese media reported that the housing expenditure component of the consumer price index failed to reflect actual trends in housing costs.

The poor reliability of official Chinese figures has been discussed for years, but in recent years the problem seems to have grown worse. **The remarkable stability of reported GDP growth figures is not credible.** Moreover, it has been found that, for example, in the Liaoning and Inner Mongolia provinces and Tianjin's Binhai special zone official data have been significantly manipulated. Many suspect part of the statistical reporting problem is related to the China's ambitious official target of doubling real 2010 GDP by 2020. The goal may have forced officials to cheat in meeting their mandated targets. Data discrepancies are always problematic. They can distort assessments of the economic situation leading to inappropriate economic policies and bad business decisions.

# Economic Development in China

The role of domestic consumption increases in China's economy



Sources: China National Bureau of Statistics and BOFIT

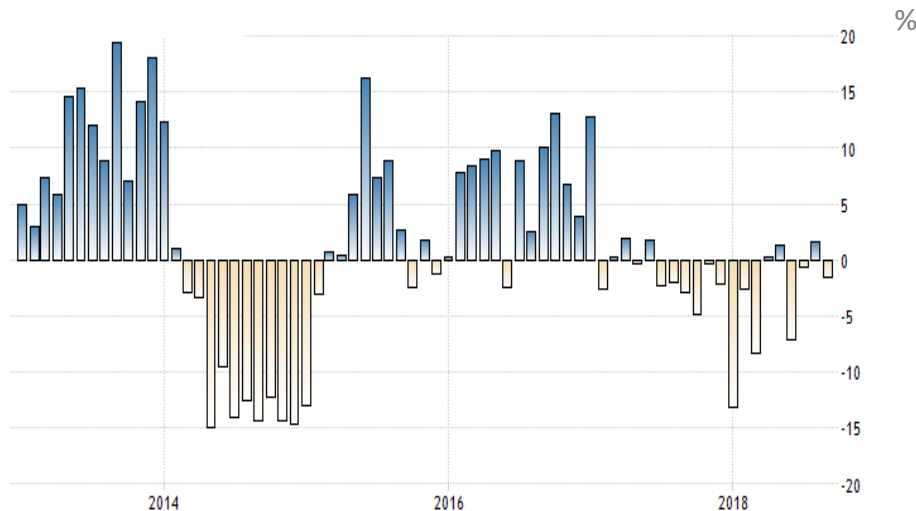
# Sawn softwood exports to Japan

Japan's housing starts decline more than expected.

The import during January-September totaled 4.44 million m<sup>3</sup> (-4.7 %). The trend line for the Japanese softwood lumber import is reducing.

Population aging - long terms prospects are challenging.

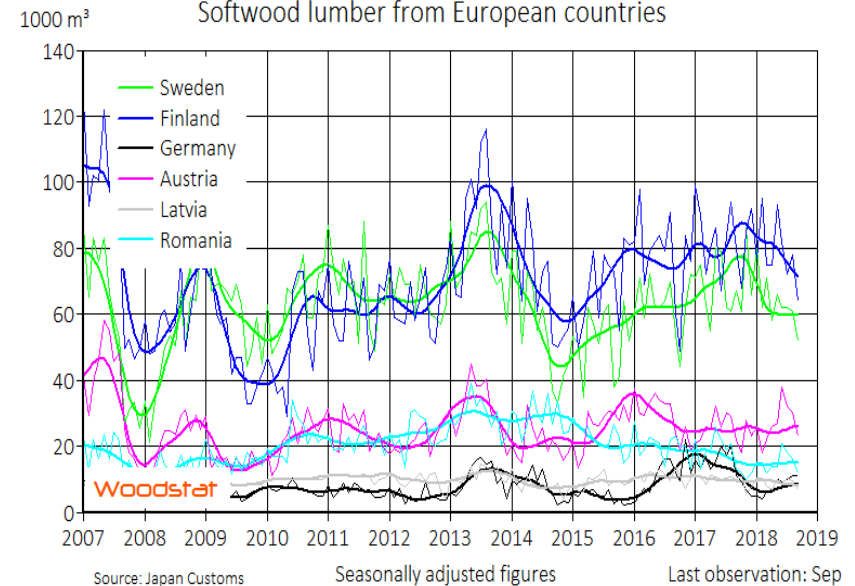
## Japan Housing Starts



SOURCE: TRADINGECONOMICS.COM | MINISTRY OF LAND, INFRASTRUCTURE, TRANSPORT AND TOURISM, JAPAN

## JAPAN monthly import

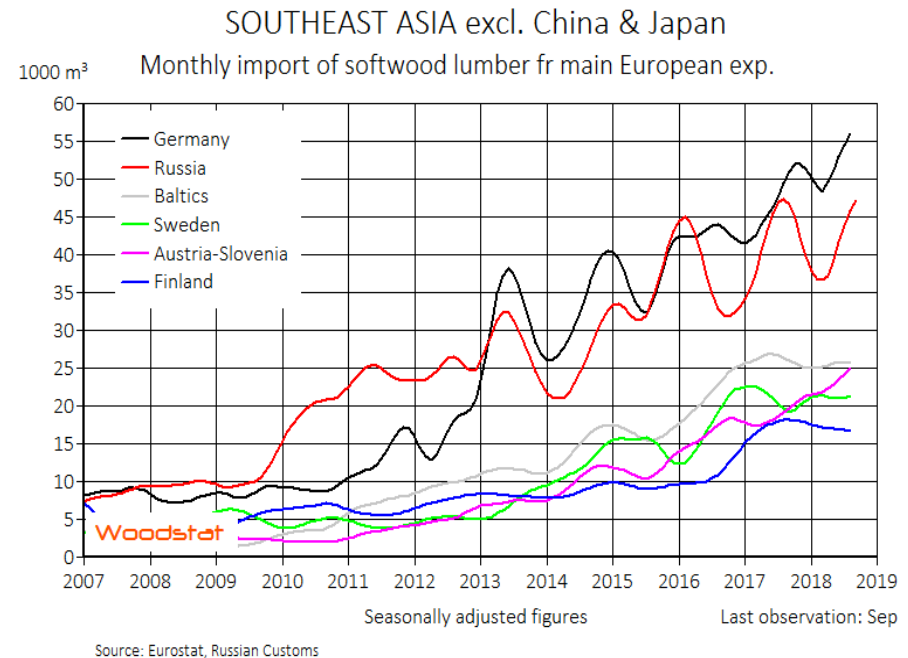
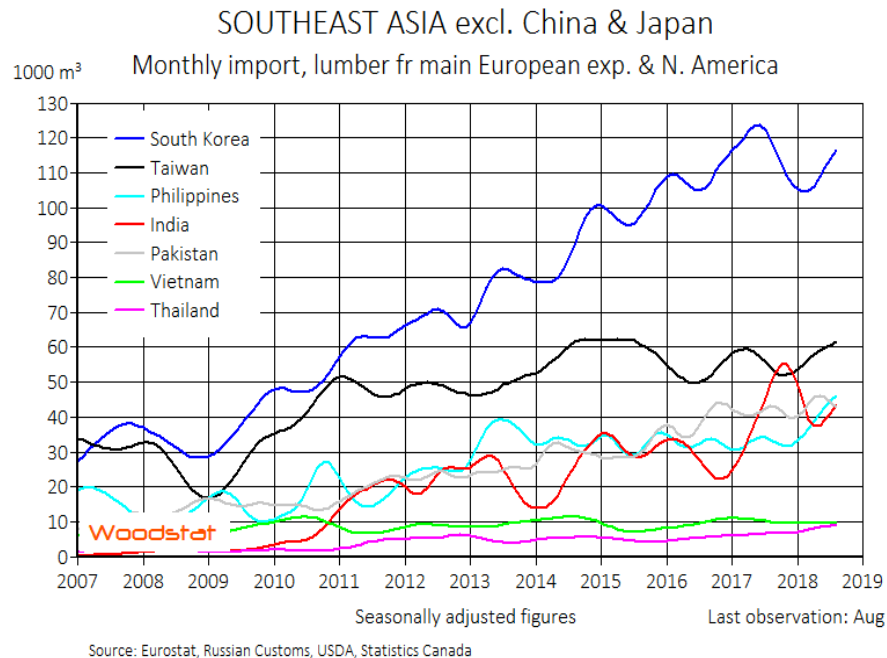
Softwood lumber from European countries



# Sawn softwood exports to Asia

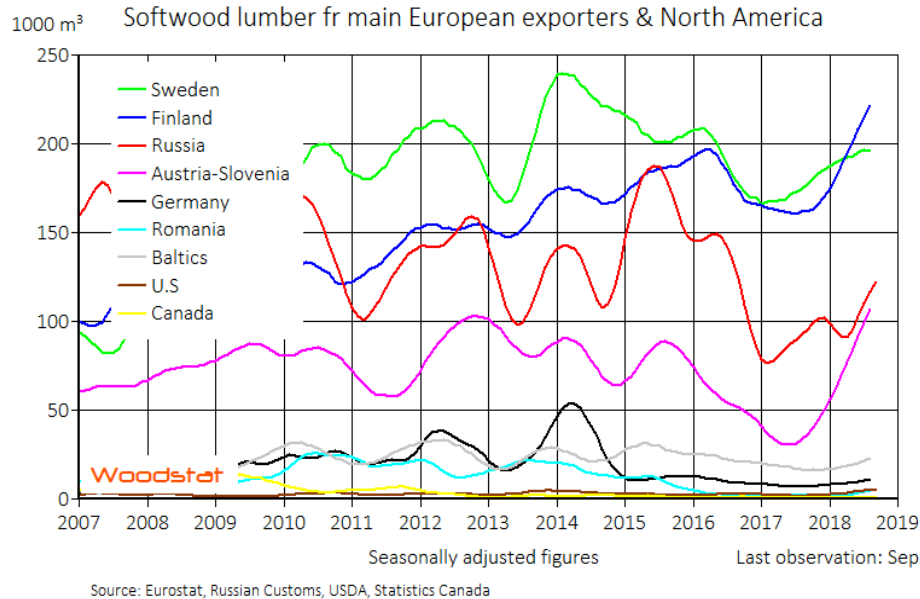
Asian (other than China and Japan) markets are important for the European.

South Korea is currently the most important market but India is growing slowly but surely.  
How substantial market will it become?

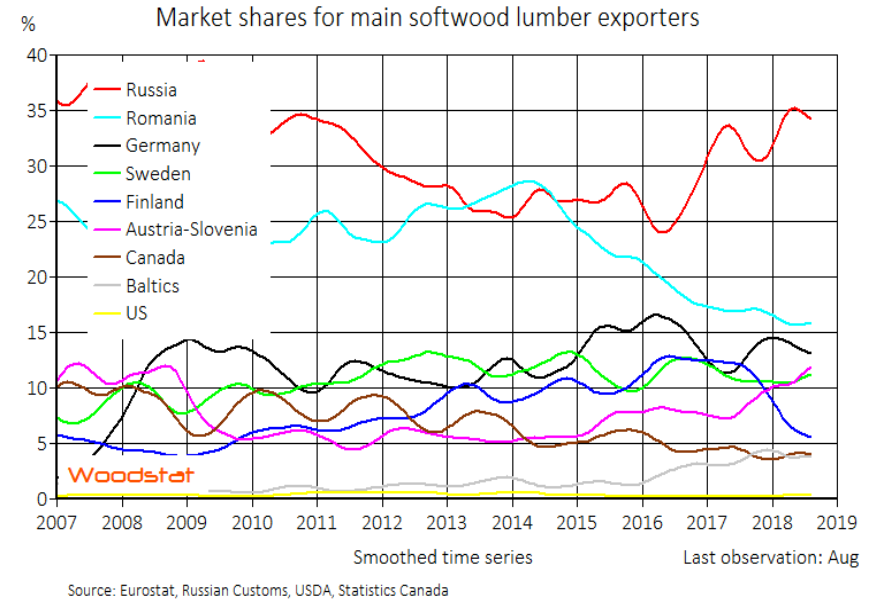


# Sawn softwood exports to MENA

## NORTH AFRICA monthly import



## THE MIDDLE EAST



The MENA region's economies are picking from low levels.

The region is has had difficult times due to political uncertainty and low oil price but it seems that activity is improving.

International funding is coming to Egypt for large infrastructure projects as the economic climate improves.

Although oil prices have increased, there are still challenges in the region.

# Sawn softwood exports to the US

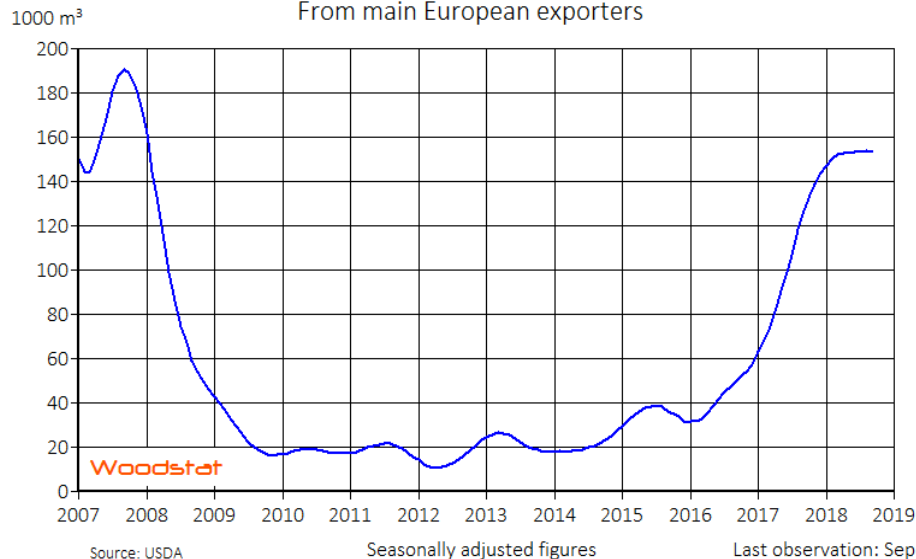
The US market imports annually about 2 million m<sup>3</sup> from Europe.

We are back to the pre- financial crisis levels.

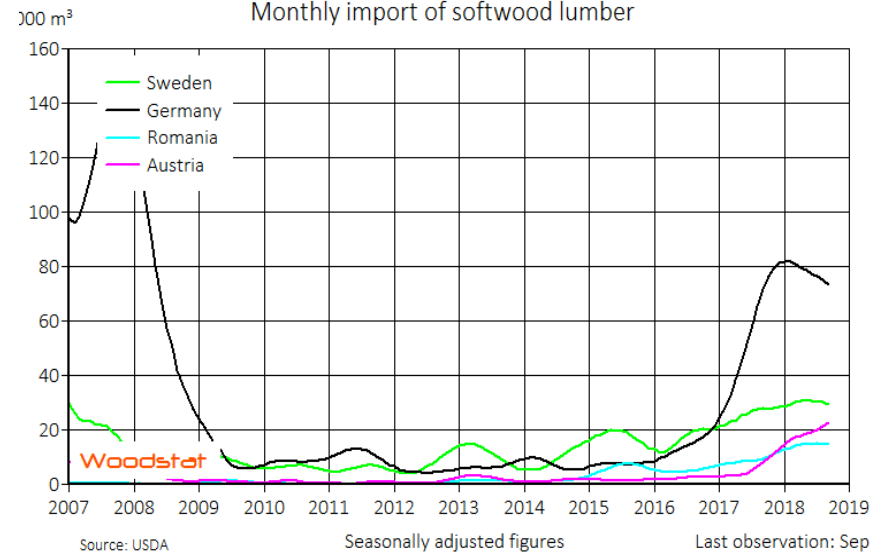
Larger European sawmilling companies have terminals in the US East Coast.

The export volumes from Europe are unlikely to increase much more from current levels.

U.S. monthly import of softwood lumber  
From main European exporters



U.S.  
Monthly import of softwood lumber

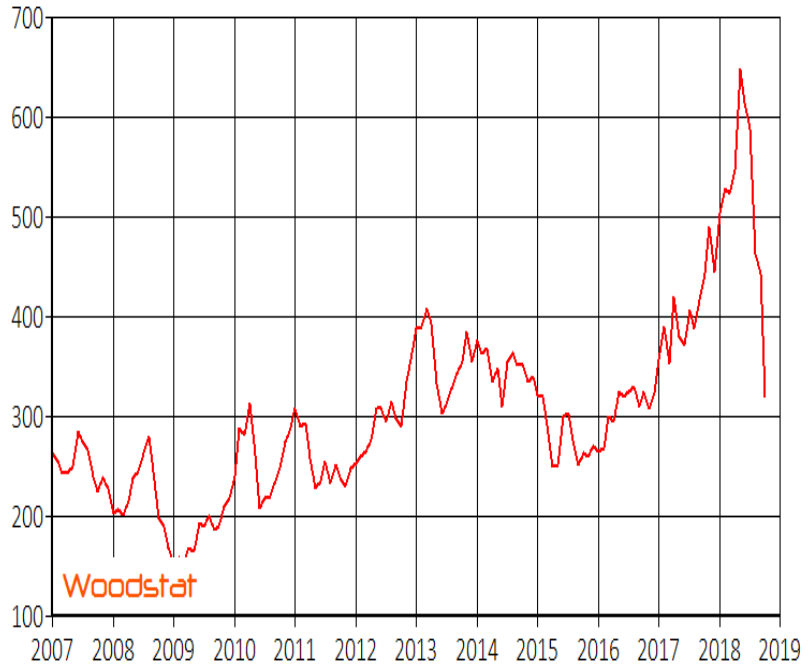


# US Market Fundamentals

U.S.

SPF 2x4 no 2&Btr R/L

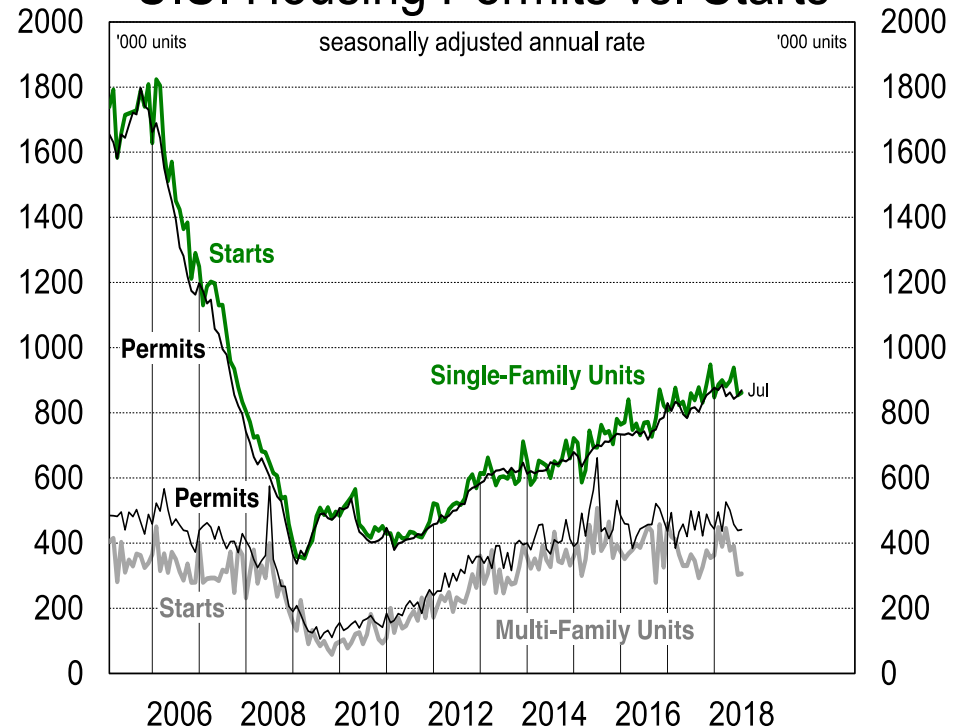
JSD/1000 board feet



Source: Random Lengths

Last observation: Oct

## U.S. Housing Permits vs. Starts



Data Source: U.S. Census Bureau

# Exchange rates

Currency fluctuations have not had lately dramatic effects on the industry in Europe

EUR per 1 GBP

High: 1.1580 Low: 1.1006



EGP per 1 EUR

High: 22.0754 Low: 20.1880



JPY per 1 EUR

High: 137.2346 Low: 125.0626



SEK per 1 EUR

High: 10.6949 Low: 9.7466





# Financial health of industry



European economy is on a growth pattern.

Global demand of sawn timber will continue to increase.

Exchange rate fluctuations have not bothered us too much lately, but will continue to affect the industry in the future.

Financial performance of the European sawmilling industry is good & investments in operation improvements are taking place.

Raw material availability will limit European production growth going forward.

Prices for raw material and sawn timber will likely to continue increasing long term trend...

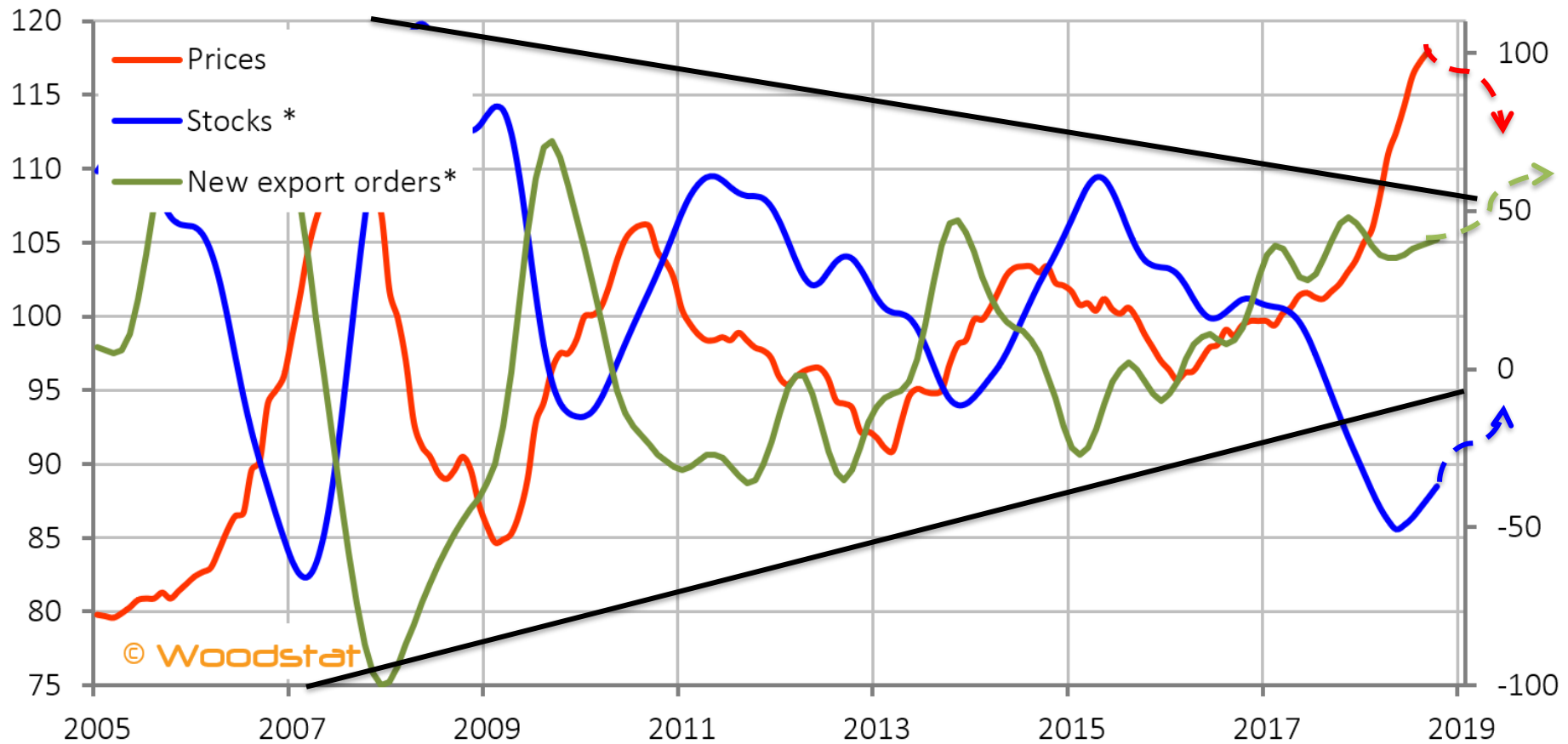
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# What's next?

Stocks & new  
export orders,  
balance

Prices,  
Index (2015 = 100)

SWEDEN sawmills  
Prices, stocks & new export orders



© Woodstat

Sources: KI, SCB

\* Seasonally adjusted figures

# THE FUTURE OF THE MIDDLE CLASS

■ 2009  
 ■ 2020  
 ■ 2030

4,884 | 100%  
 — Share of global middle class  
 Middle-class population (in millions of people)



