# Economic outlook and the effects on the lumber market!

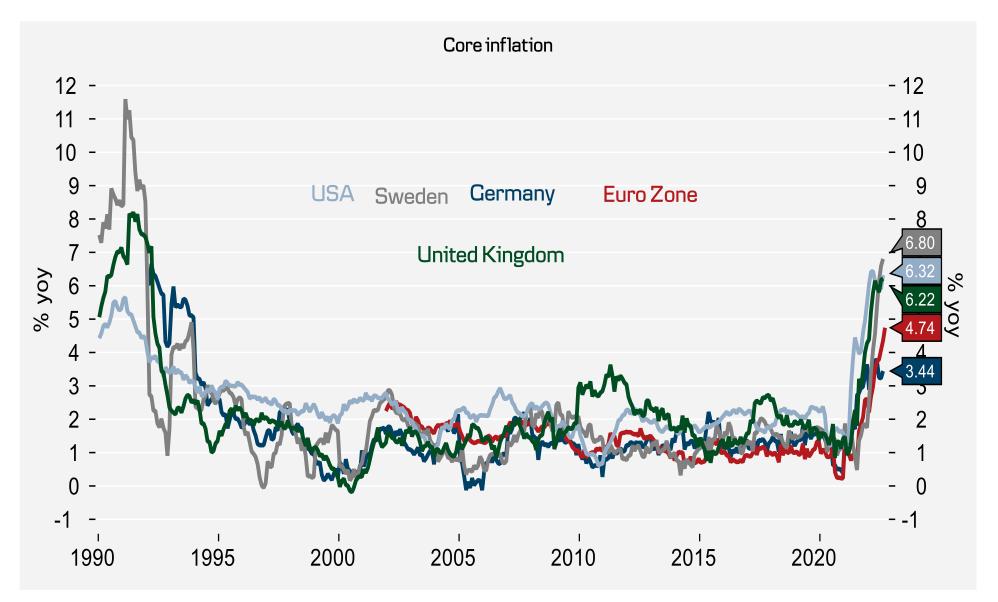
Johan Freij Danske Bank

### October 10, 2022

www.danskebank.com/CI

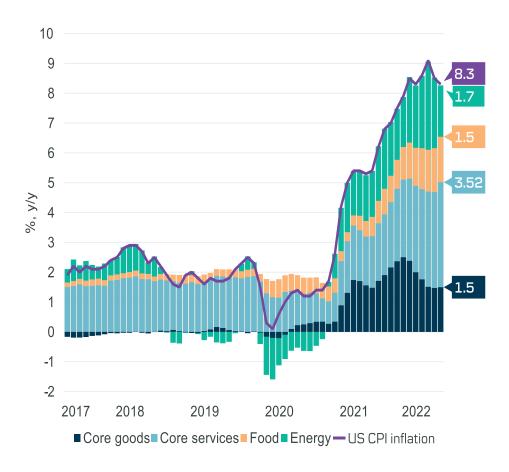
Important disclosures and certifications are contained from page 9 of this report.

## Inflation shock – the worst in 30 – 40 years!

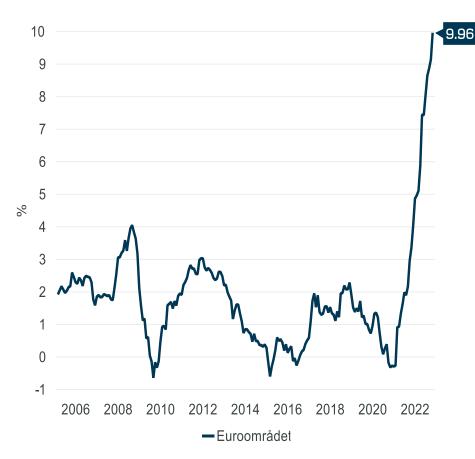


## High inflation in Europe and USA - for different reasons

#### US inflation driven by demand – peaked now

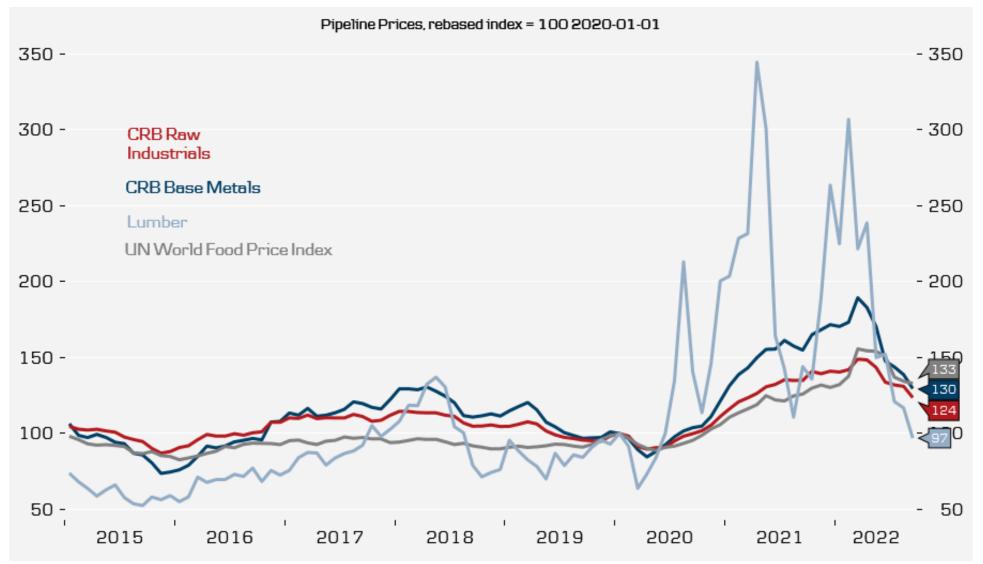


## European inflation driven by supply – double digit before winther



## Can lumber predict the inflation?

## Commodity price index Pipeline prices rebased 2020-01-01



Source: Macrobond

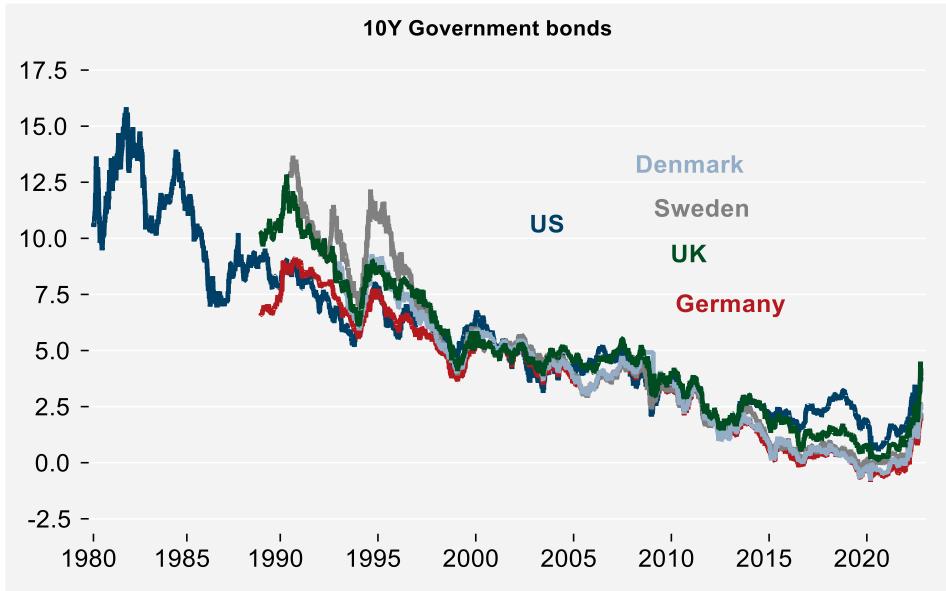
### Yields up after summer vacation

#### 10y government bond yields 4.0 5 **US 3.62%** 4 UK 3.85% 3.0 3 25 Percen .9 % 2 1.5 0 1.0 -1 0.5 S S Ν S Ν S Ν Μ Μ S Ν Μ 2018 2019 2020 2021 2022 2017

Source: Thomson Reuters

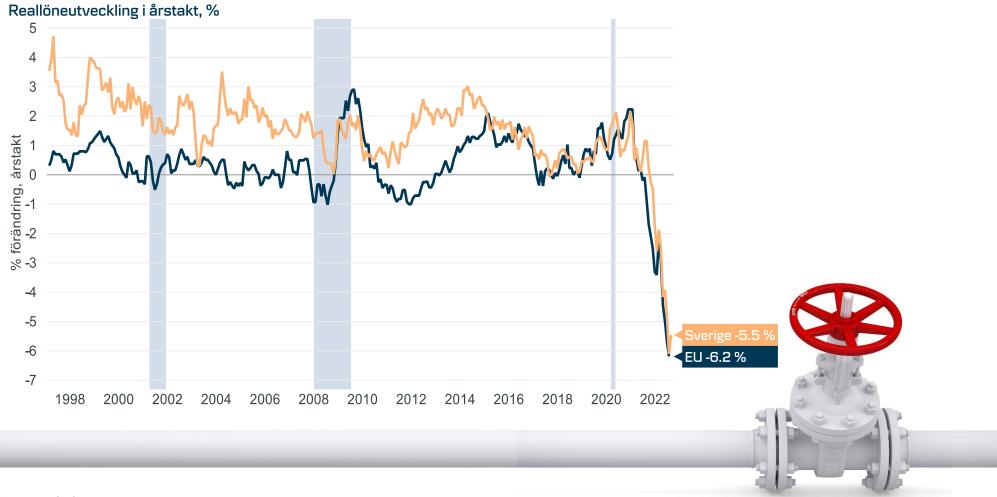
Historical returns are no guarantee of future returns - returns may be negative

## 10 year Government bonds in 42-years 1980 - 2022



Source: Macrobond

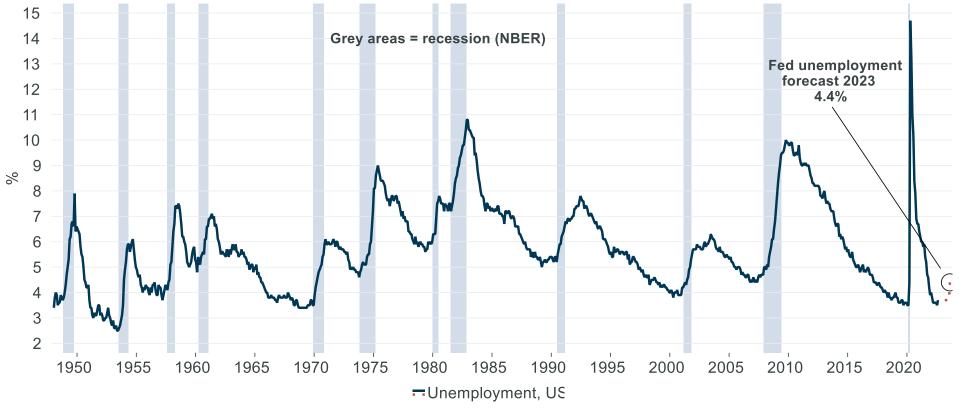
## Inflation shock gives real wage incom plounge – biggest in 30 + years



Source: Macrobond Historical returns are no guarantee of future returns – returns may be negative

### Strong laber market support consumtion and growth

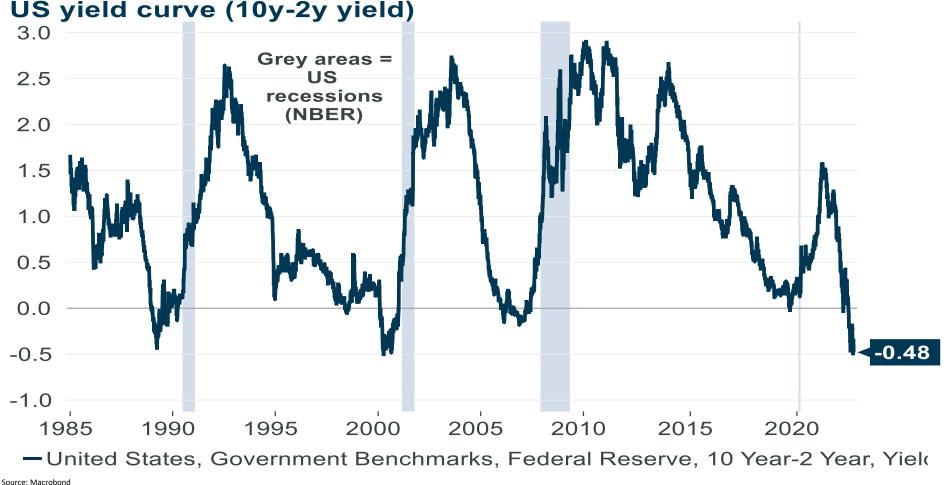
#### But!!!! When the unemployment starts to grow, we usually get recession



Source: Macrobond Historical returns are no guarantee of future returns – returns may be negative

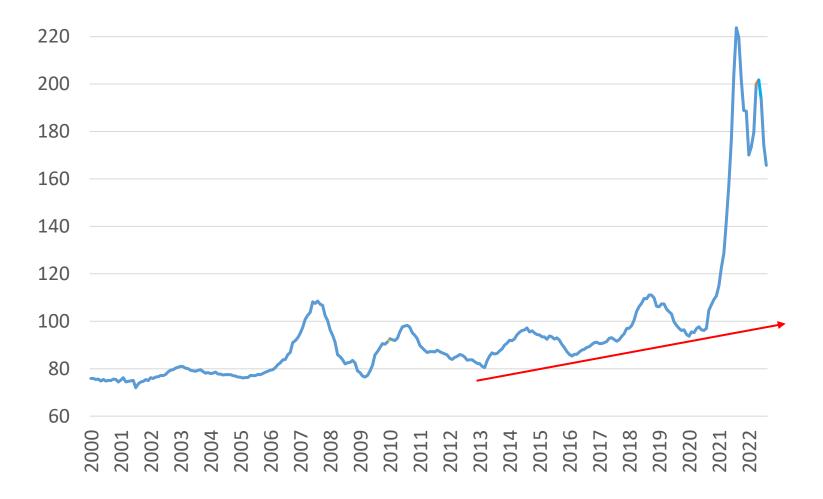
## The yield curve predict a coming recession in the US.

Recession = "A significant decline in economic activity that is spread across the economy and that lasts more than a few months." National Bureau of Economic Research

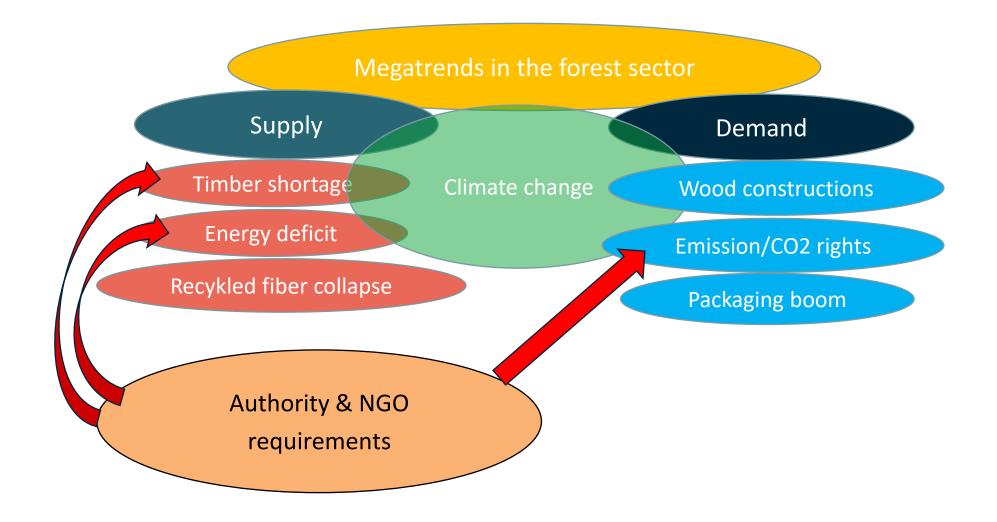


Historical returns are no guarantee of future returns – returns may be negative

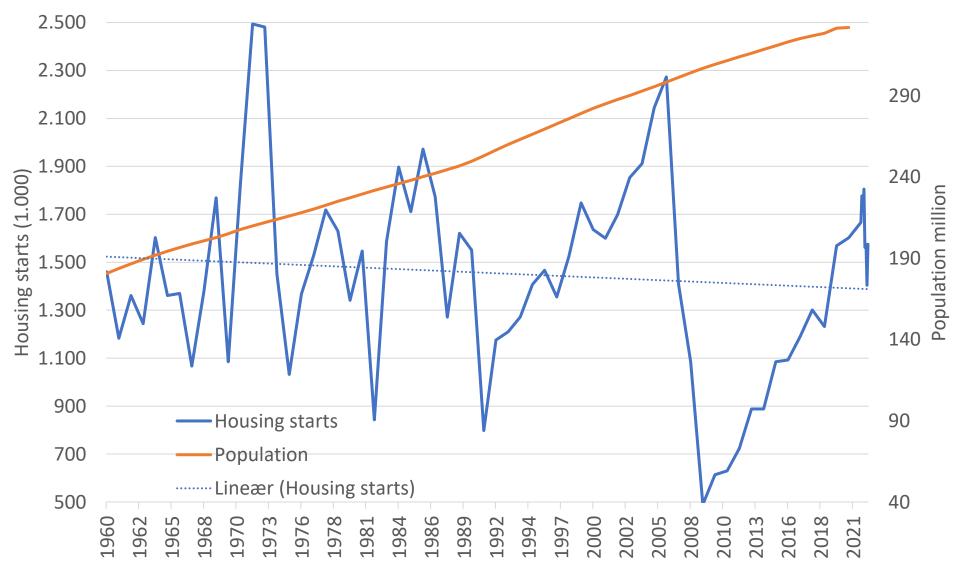
## Lumber export price index from Sweden Last figures August 2022



## Megatrends for the forest sector the coming ten years



## US Housing starts and population 1960 - 2022



Source: US Census Bureau, Danske Bank

## **Renovation Wave 14 October 2020**

# Doubling the renovation rate to cut emissions, boost recovery and reduce energy poverty.

- Buildings are responsible for ~ 40 % of EU's energy consumption
- Only 1% of buildings undergo energy efficient renovation every year
- By 2030, 35 million buildings could be renovated

## **Renovation Wave Priorities**



Tackling energy poverty and worst-performing buildings



Renovation of public buildings

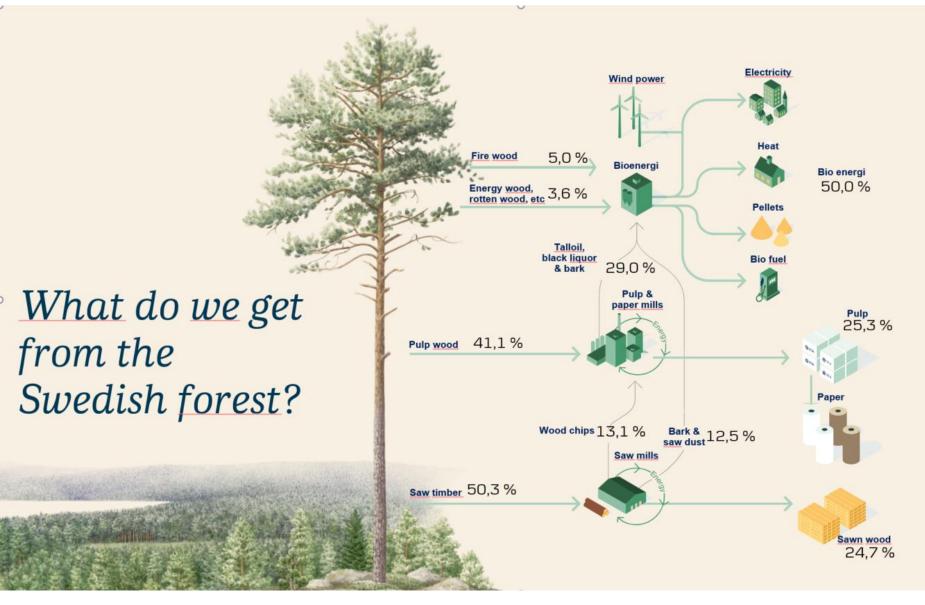


Decarbonisation of heating and cooling

### To rebuild Ucraina



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