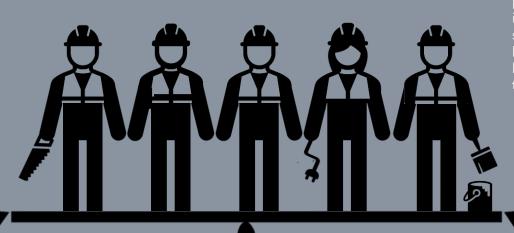
Over the hump

The construction crisis continues. Housing production is staying down. The industrial investment boom is not visible in construction statistics, at least not yet. The track in affordable housing and economic growth is at risk of being ost. There are few market-based solutions to fix the situation right now.



Editorial

Over the hump

First, the good news. The understanding about the need to support housing construction is now shared widely. The authorisations for state-subsidised housing production have been raised to a record-high level. ASO right-of-residence production will continue. The asset transfer tax is moving in the right direction. First-home buyers are assisted with better ASP system conditions. There are initiatives to start infrastructure projects early. The goal is to make planning and permit processes genuinely more flexible. Finland has a government that understands the importance of housing and construction.

Then, the bad news. Unfortunately, things are getting to the point of how many construction companies that the banks can and want to finance will exist next year. The historically rapid increase in costs and interest rates, tighter credit policy and financial regulation have reduced the leeway and funding of construction companies to almost non-existent. In addition, the housing market has been paralysed by domestic special features.

In this difficult situation, construction companies have reacted with vigour. New housing projects are frozen, but companies cannot do anything about the substantial ongoing and completed production. There are now plenty of apartments available, but the foreseeable level of production with long lead times lead to a housing shortage. There are few market-based solutions to the

Against this background, talk about creative-destruction solutions are seen as short-sighted in the sector. For the same reason, finding political solutions is more difficult than, for example, during the financial crisis.

So, the difficult question is: how can we support non-subsidised housing construction with as little tax money as possible, in a situation where there is plenty of supply, so that the completion of housing takes place at the right time? The constructors' answer is unambiquous. The large number of flats available is not the society's problem. It's the constructors' problem. Statistics show that most of the time, supply is scarce. This is what decision-makers should be worried about. The society's response should be considered from the perspectives of urbanisation, economic growth and affordable housing.

While the situation is more hopeful in the construction of premises, there is still no sign at all of the publicly celebrated investment boom in the statistics, at least not yet. Many good projects are now stuck. The industrial green transition market is currently being distributed. Investors have many good alternatives in and outside Europe. The same project is subject to a coldblooded tendering process between countries. Finland cannot afford to rely on pious intentions, It would now be worthwhile for the state to move big projects forward in the same way that Sweden has successfully done.

In practice, the collapse of the construction sector was solely responsible for the shrinking of the Finnish economy by one per cent last year. The Bank of Finland recently estimated that the continued recession in housing construction would be the biggest threat to the economy this year. Our forecast for housing construction for this year and next year is really depressing, because there is no clear turn in sight. We very much hope that we are wrong. The most undesirable thing would be being right alone.

"The construction crisis continues. There are few market-based solutions to fix the situation right now"



Jouni Vihmo

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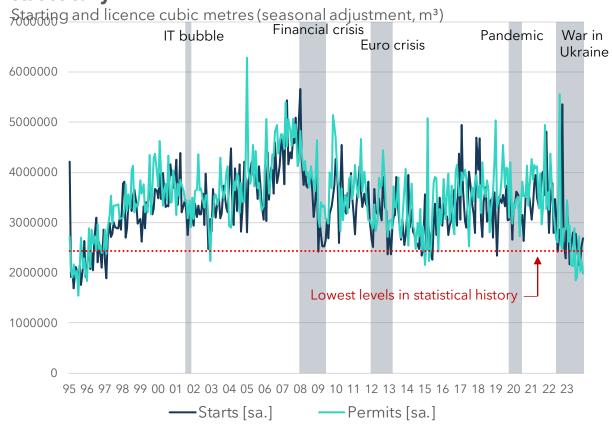


Weak construction remains biggest threat to economy

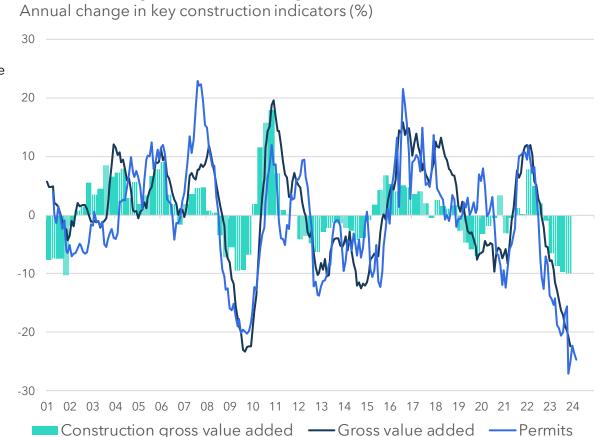
The collapse of construction was solely responsible for the economic downturn in Finland last year

Source: Statistics Finland, RT

Construction swimming in historically deep waters statistically



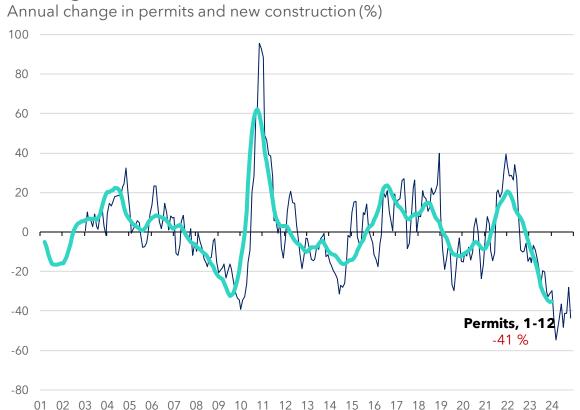
Construction pulls the economy to recession



No signs of recovery in new construction

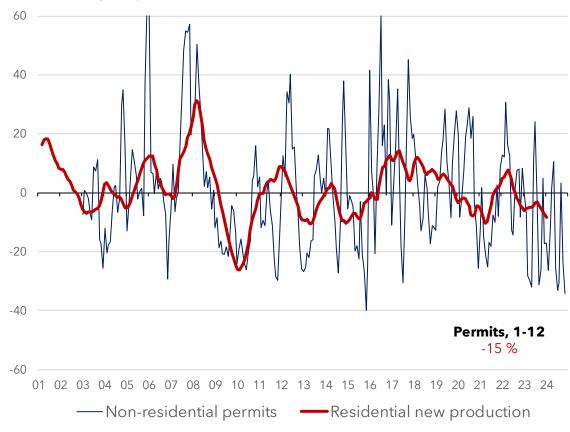
Housing construction going down throughout the year - there is still a declining hope in premises

Housing falls more than in the financial crisis



No investment boom in sight







--- Residential permits --- Residential new production

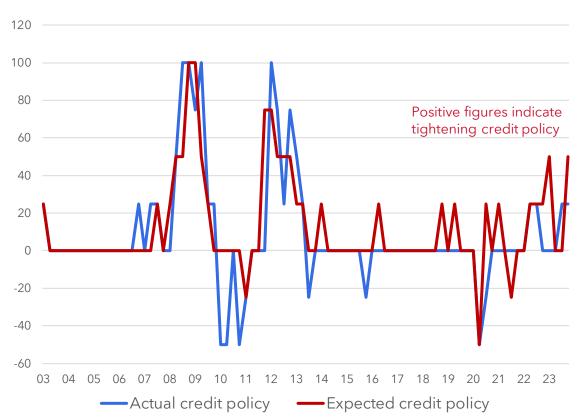
The overall tightening of credit policy turned off the tap of financing

Source: EK, ECB

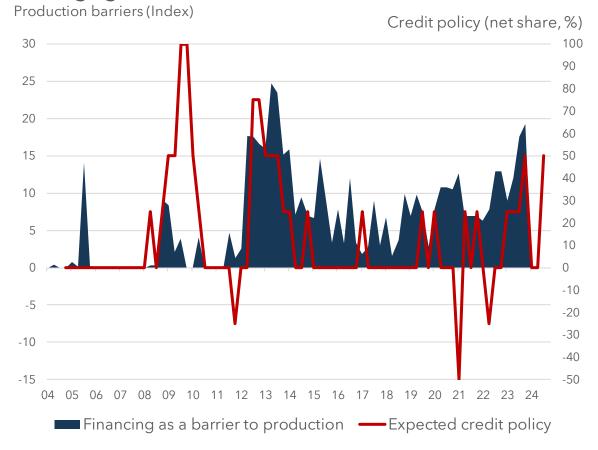
Based on banks' risk tolerance and view of future risks

Banks' credit policy continues to tighten

Changes in corporate credit policy (net share, %)



Funding tighter than in the financial crisis





Construction at the forefront of the global cost crisis

Construction is at the mercy of money market, financial policy and regulation

Construction costs +18 %

Regulation of funding

Loans to housing

Loans to housing companies
Fiva recommendation, insolvency risk

Plots and land use

Rents and fees, pricing, ARA regulation Interest 0%→4%

1/ 20 vs. 12/23

Access to financing and credit policy

Clearly tighter

Who's paying? +22 % 12/2023

The long-term increase in construction costs is behind the global market

The upper limit of loan servicing burden, limit on maximum share of housing company loans and abolition of repayment holidays

Land use charges and land rents on the rise, plot prices in the zero-interest world, ARA rules are not flexible In addition to households, the interest rates of corporate loans have also increased historically rapidly.

Availability and conditions of loans in the real estate and construction sector are tighter, allocations full

Difference between new and old housing price index scores

For these reasons, the profitability equation for business premise construction is equally challenging

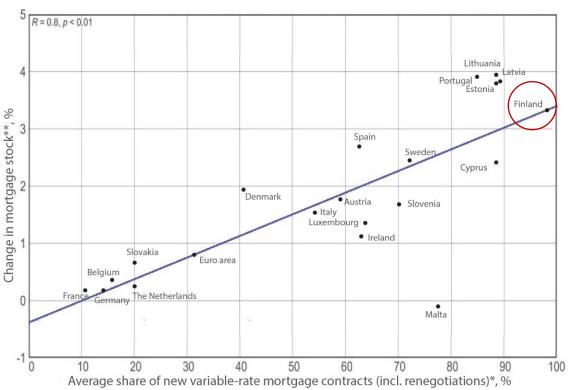
Finnish special features are quickly visible in housing demand

Finns do not take out fixed loans nor tolerate a high debt burden or a high price level in the housing market

Source: Statistics Finland, Bank of Finland

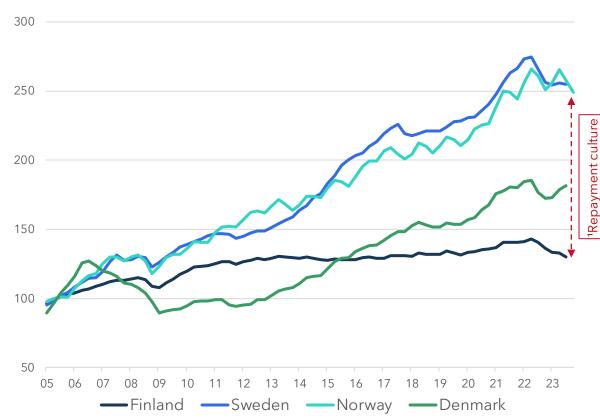
Finnish interest rates rose higher than in other countries

Change in the interest rate of the housing loan stock and the share of variable-rate loans (%)



Price development of housing in Finland is non-existent

Housing prices in the Nordic countries (index 2005=100)



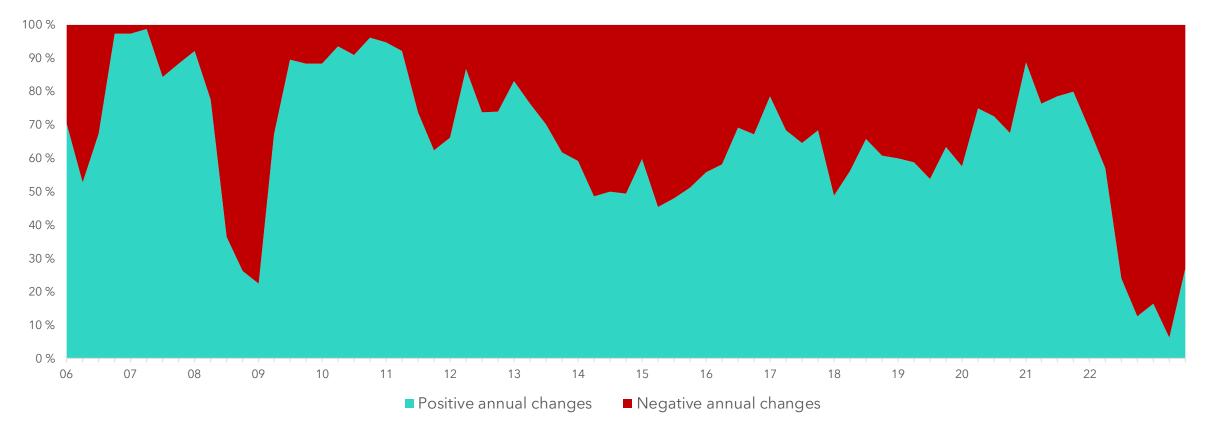
¹ Repayment culture = loan period + repayment rate. The Nordic countries clearly differ in their mortgage repayment culture. The repayment rate typically affects the price level and thus the ability and willingness to buy an apartment.

Housing market adaptation is incomplete

The decline in housing prices has continued for more than a year and a half

The fall in housing prices swept across Finland

Prices of existing apartments by region (annual change)

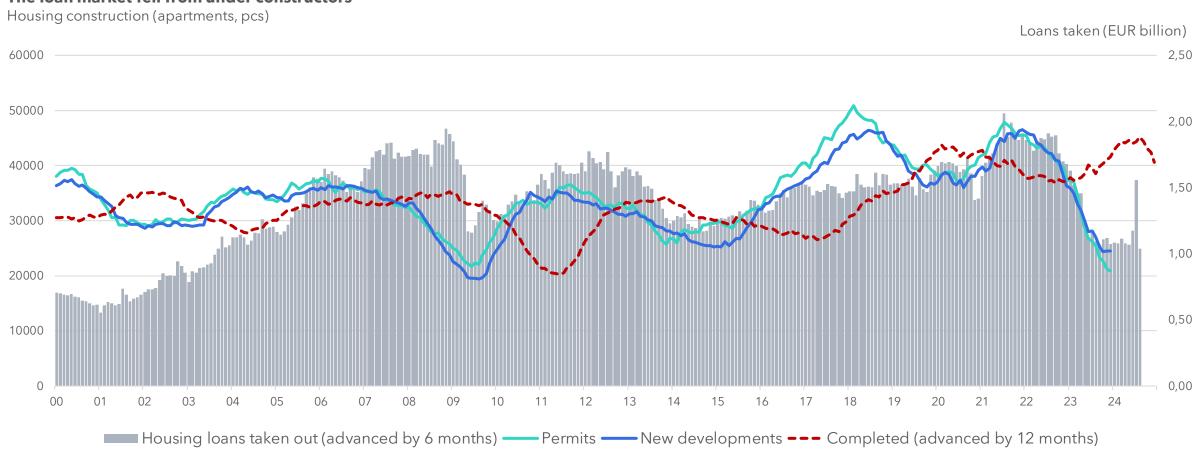


Source: Statistics Finland

The response time in the construction sector is long

Despite the rapid response of companies, nothing can be done about the ongoing production

The loan market fell from under constructors



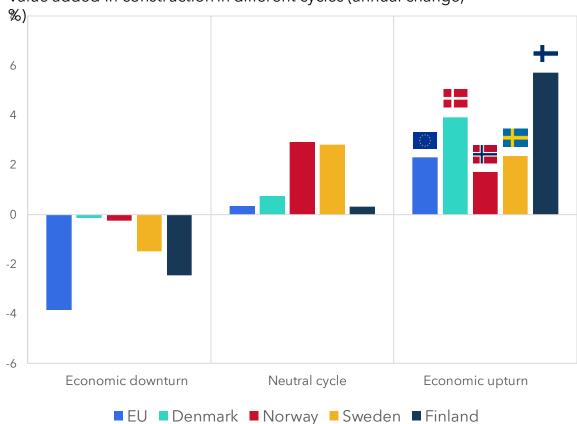


Finnish features are visible in production and the labour market

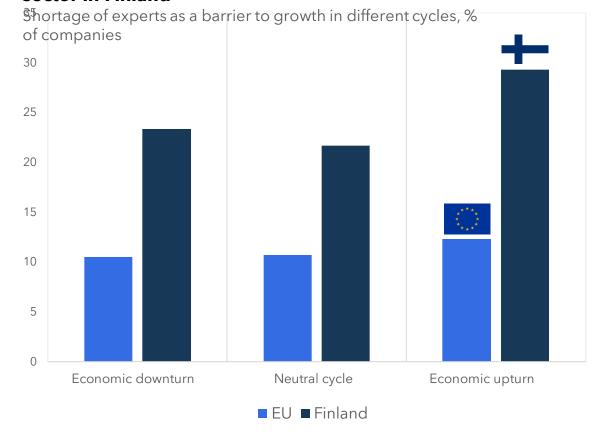
Production develops through extremes and there is always a chronic shortage of labour

Construction in Finland is volatile

Value added in construction in different cycles (annual change,

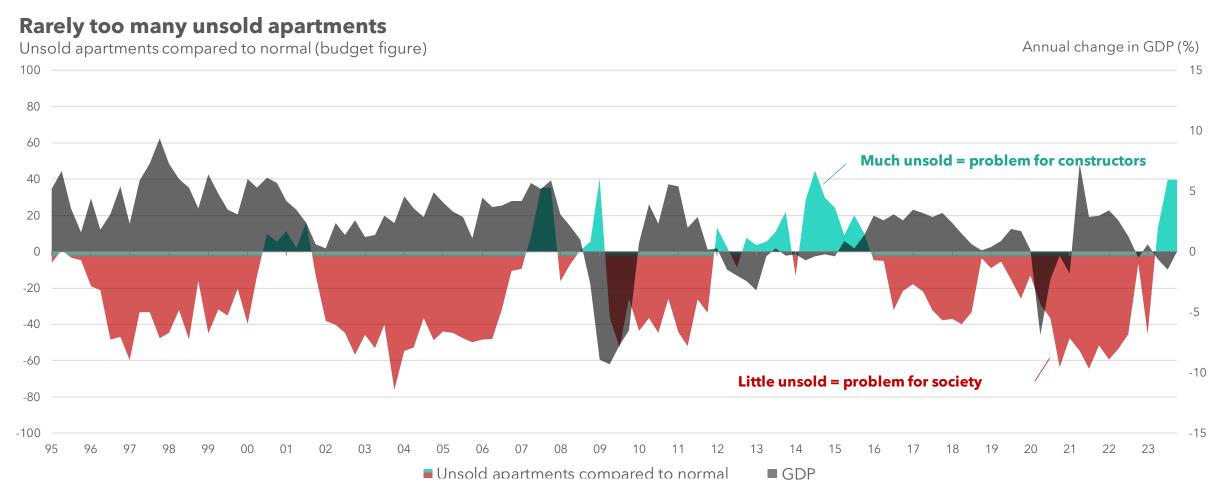


Chronic shortage of experts in the construction sector in Finland



Scarcity is the biggest problem in housing construction

There is plenty to sell in relation to the cyclical situation only for a while



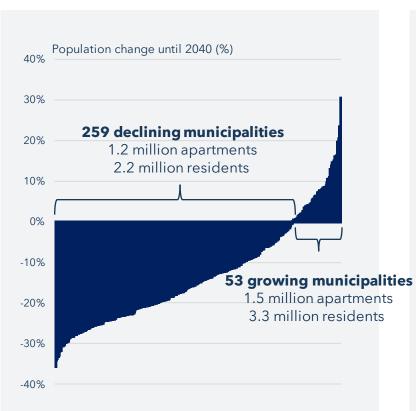
Source: Statistics Finland, EK



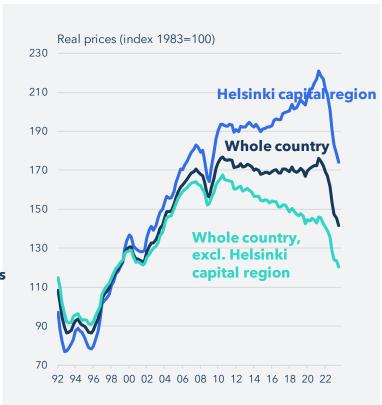
The need for housing has not disappeared

New construction is needed in growth centres, the rest of the country needs at least renovation, and the whole of Finland must be connected logistically

Urbanisation continues "Half the housing is in wrong places"

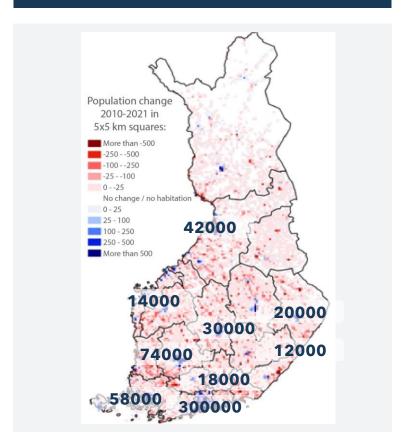


Insufficient collateral Housing markets are becoming polarised



Source: Statistics Finland, VTT

600,000 apartments by 2040 90 per cent in 9 growth centres



Construction outlook 2024-25: crisis continues - construction remains threat to economic growth

in total 41.5



Housing

2022: 7.9 %

2023: -38.0 %

2024: -22.0 %

2025: 12.0%

8.7 BILLION €

Non-residential construction

2022: 1.1 % 2023: -5.4 % 2024: 1.2 %

2025: -0.4 %

Weak growth

Staying down

*Fixed price added value

The number of starts still decreasing. Adaptation to changed financing The collapse will reduce ongoing conditions is incomplete. The industrial production considerably even this year. investment boom not visible in construction statistics, at least not yet. Financing crisis continues.





18 19 20 21 22 23 24 25



BILLION€

Renovation

2022: 3.1 % 2023: -4.0 % 2024: -1,0 % **2025**: 1,0 %

Growth missing

Construction is burdened by the weak economic situation and the end of energy subsidies. The pent-up demand will turn next year to a slight growth.





Civil engineering

2022:-1.4 % 2023: -5.0 % 2024: -2.0 % **2025:** 2.0 %

Growth next year

This year will still be in the red. Transportation and housing will boost growth next year. Costs will continue to calm down.



= CONSTRUCTION IN TOTAL*: 2022e: +3.4 % 2023e: -11,0 % 2024e: -5 % 2025e: +3 %