



# Boverket

Swedish National Board of Housing,  
Building and Planning

## Climate declaration of buildings in Sweden

Proposal for limit values 2025

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# Regulation on climate declaration for buildings

## **From 1 jan 2022 – When applying for a building permit**

- Act (2021: 787) on climate declaration for buildings
- Ordinance (2021: 789) on climate declaration for buildings
- Provision (BFS 2021:7) of climate declarations for buildings
  
- Change also in 10 kap. 34 § Planning and Building Act (2010:900). Climate declaration is introduced as a requirement to receive a final clearance.

# Climate declaration registered at Boverket

- **E-service** for climate declarations
- Confirmation is to be given to the municipality before they can give final clearance

## Registrera en klimatdeklaration

Granskad: 21 december 2021

[Lyssna](#)

Boverket har tagit fram en e-tjänst för registrering av en klimatdeklaration. E-tjänsten kommer att vara tillgänglig från och med januari 2022.

Viktigt att veta att e-tjänsten endast ska användas då byggherren eller deklaramenten har tagit fram alla uppgifter som behövs för en klimatdeklaration. Det är dock möjligt att spara uppgifterna och återkomma med kompletterande uppgifter inför slutgiltig registrering då deklaramenten signeras. Det är också möjligt att skriva ut en preliminär deklaramenten om deklaramenten vill stämma av uppgifterna med byggherren innan slutgiltig registrering. Vill du veta vilka uppgifter som ska lämnas i e-tjänsten så kan du se det på sidan "Uppgifter i klimatdeklaramenten" som du hittar under Relaterad information.



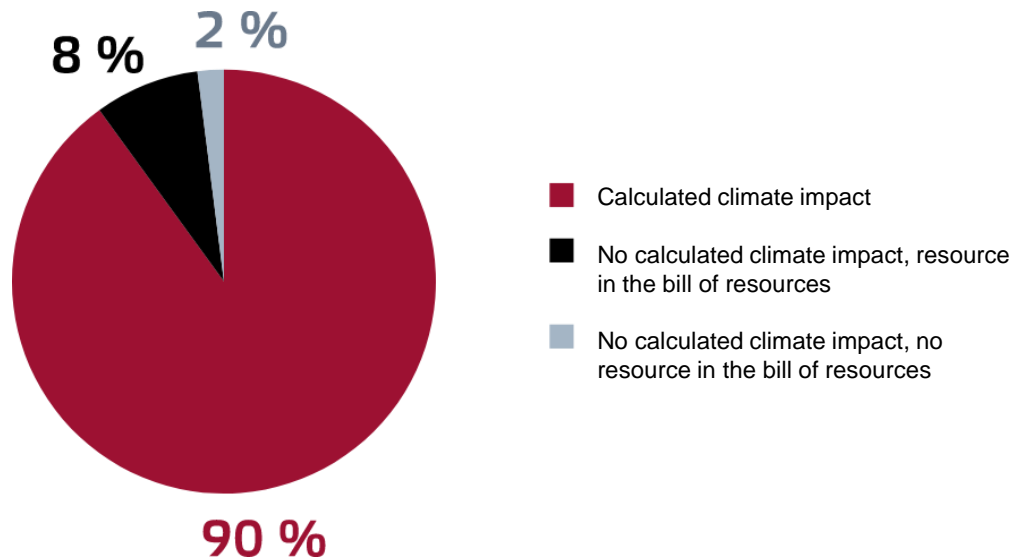
Du når e-tjänsten för registrering av klimatdeklaration via knappen "E-tjänst klimatdeklaration".

[E-tjänst klimatdeklaration](#)

# Boverket is responsible for the supervision - checking accuracy and reasonableness

Important elements for assessing accuracy and reasonableness:

- Level of coverage
- Level of verification
- When the final calculation was made
- Have updates been made during the construction project



# Government assignment

Boverket shall:

- investigate and propose how **limit values** for the climate impact of new buildings could be introduced **earlier than 2027**,
- investigate and propose how the requirement for a climate declaration can be introduced for **reconstruction** and **extension**,
- investigate the conditions for extending the climate declaration to also include **earthworks** for new buildings or extensions,
- submit a **proposal on regulation** and propose other measures necessary for the further development of regulations on climate declaration for buildings, and
- make an **impact assessment** of the proposals.

A written report of the assignment must be submitted to the Government Offices (Ministry of Finance) no later than **15 May 2023**.

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Translation of the report to English is planned.

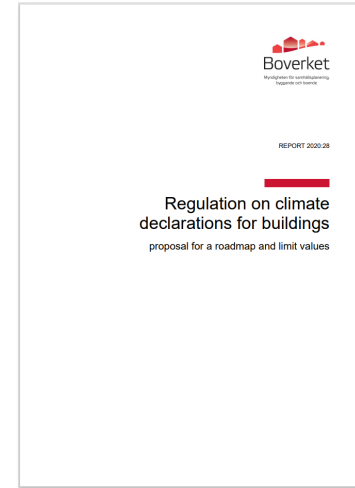
# Implementation

- Starting point these two reports, one from Boverket and one from KTH
- Assignment to KTH, WSP, IVL to submit proposals for limit values
- Public hearing 31 aug
- Reporting 15 May 2023 to Government Offices



# Proposal from Boverket June 2020

Year	2022	2027
Limit values	None	Limit value for A1–A5
Modules to be declared	A1–A5	A1–A5, B2, B4, B6, C1–4,  <b>Supplementary environmental information – biogenic carbon storage and net export of locally produced electricity</b>
Building elements	<ul style="list-style-type: none"> <li>• Load-bearing structures</li> <li>• Building envelope</li> <li>• Interior walls</li> </ul>	<ul style="list-style-type: none"> <li>• Load-bearing structures</li> <li>• Building envelope</li> <li>• Interior walls</li> <li>• <b>Installations</b></li> <li>• <b>Interior surface finishes</b></li> <li>• <b>Room fittings</b></li> </ul>
Reference study period	–	50 years



# Study on reference values from KTH

- A study on the climate impact from the construction of new buildings made by the Royal Institute of Technology (KTH) 2021
- Reference values for
  - detached houses,
  - multi-dwelling block,
  - offices,
  - nursery school and schools.





# Proposal presented at hearing 31 aug

## Limit values

Regulation changes **2025** include i.a:

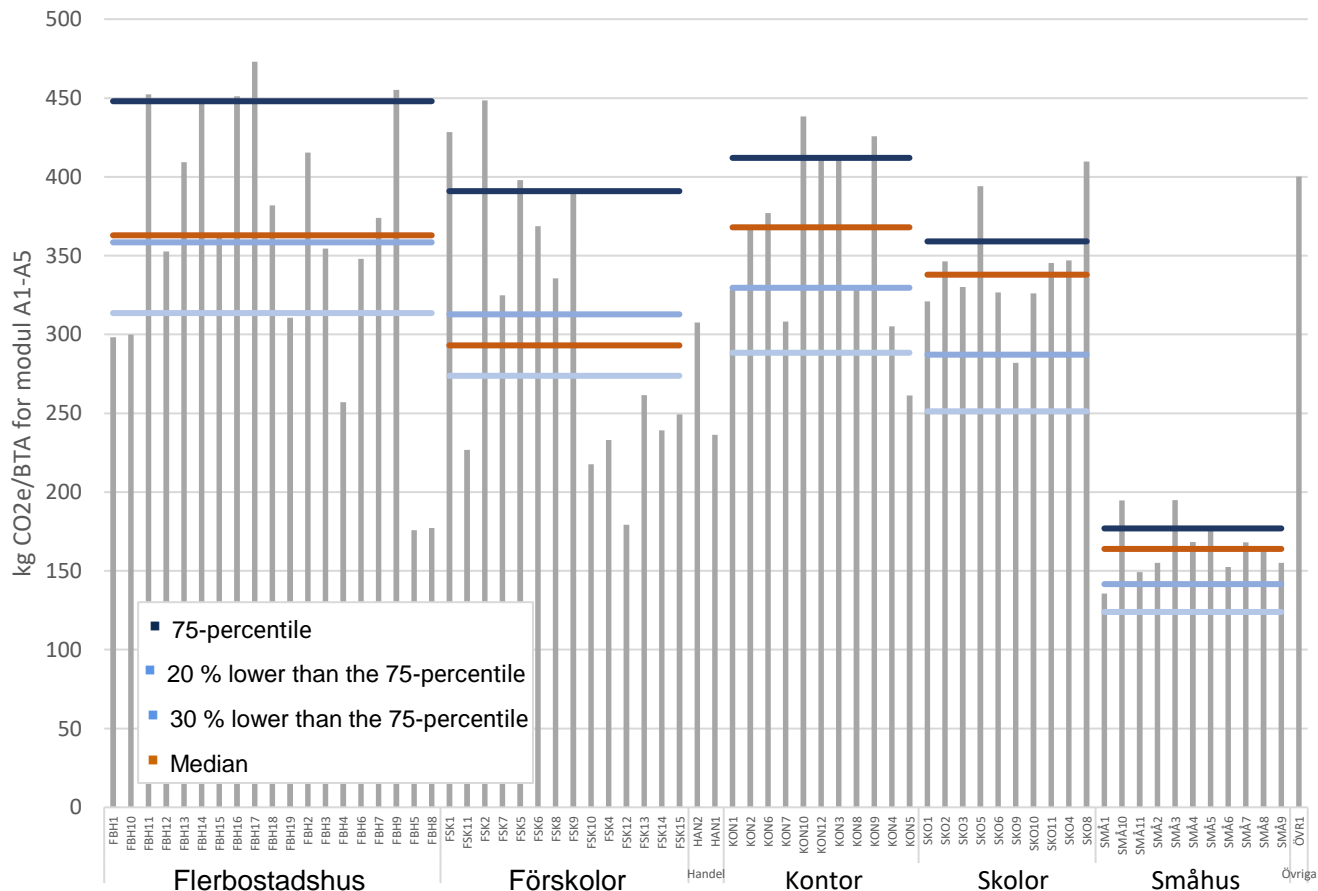
- Introduction of **limit values** on green house gases for modul A1-A5 for **new buildings** and **extensions**
- More building elements compared to regulation 2022– installations, interior surface finishes, room fittings

## Climate declaration

Regulation changes **2025** include i.a:

- **Extended climate declaration**, largely according to proposal from Boverket 2020– whole lifecycle, more building elements compared to regulation 2022– installations, interior surface finishes, room fittings
- Climate declaration for **extensions**
- Climate declaration for **reconstruction**
- **Earthworks**

## Climate impact – from the study on reference values





## Limit values after 2025

- Limit values are changed every 5 years
- Proposal for limit value in 2030:

### **All buildings excluding detached houses**

Alt 1: 25% lower than the 2025 level

Alt 2: 50% lower than the 2025 level

### **Detached houses**

Alt 1: 15% lower than the 2025 level

Alt 2: 30% lower than the 2025 level



# Generic climate database from Boverket

- Climate data for **construction products** are set conservatively, about 25 percent higher than the average
- The purpose with conservative data is to create a stronger incentive for the **designers/constructors** to choose product-specific EPD data.
- It provides an incentive for **manufacturer** to produce more EPDs, but also incitaments to produce products with a lower climate impact.
- Important to evaluate if conservatively or typical data to be used with limit values – depends on EU-legislation and the possibility to require specific climate data for construction products 2025

# More information

## **Information about climate declaration (ENG)**

[Climate declaration for new buildings - Boverket – Boverket](#)

## **FAQ (ENG)**

[Questions and answers about climate declarations - Boverket - Boverket](#)

## **Climate database from Boverket (ENG)**

[Climate database from Boverket - Boverket - Boverket](#)

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