



Boverket

Myndigheten för samhällsplanering,
byggande och boende

Nordic regulation – presentation of upcoming regulation in Sweden and next step

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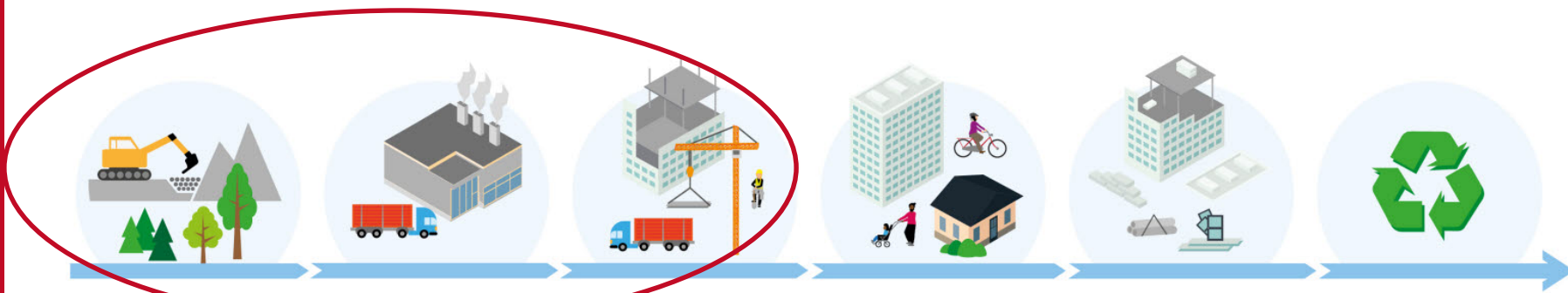
Government's proposal 2022

New law on Climate Declaration of Buildings

Purpose of climate declaration of buildings

- **reduce the climate impact** in the construction of buildings
- initially to **raise awareness** and knowledge about the climate impact of buildings
- a way to steer towards **increased learning about life cycle analyzes**
- **provide insights** to various actors in the construction sector and how they can help reduce climate impact

Declaration of buildings' emissions of greenhouse gases according to proposal



**Product stage and
Construction process stage**

The following building elements shall be included:

- structural components, climate shield and interior walls

Climate declaration from 2022

Livscykelinformation byggnad													Övrig information			
A 1–3 Produktskede			A 4–5 Byggproduktionsskede		B 1–7 Användningsskede						C 1–4 Slutskede			Övrig miljöinfo		
A1 – Råvaruförsörjning	A2 – Transport	A3 – Tillverkning	A4 – Transport	A5 – Bygg- och installationsprocessen	B1 – Användning	B2 – Underhåll	B3 – Reparation	B4 – Utbyte	B5 – Ombyggnad	B6 – Driftsenergi	B7 – Driftens vattenanvändning	C1 – Demontering, rivning	C2 – Transport	C3 – Restproduktbehandling	C4 – Bortskaffning	Biogen kolinlagring Nettoexport av lokal-producerad el



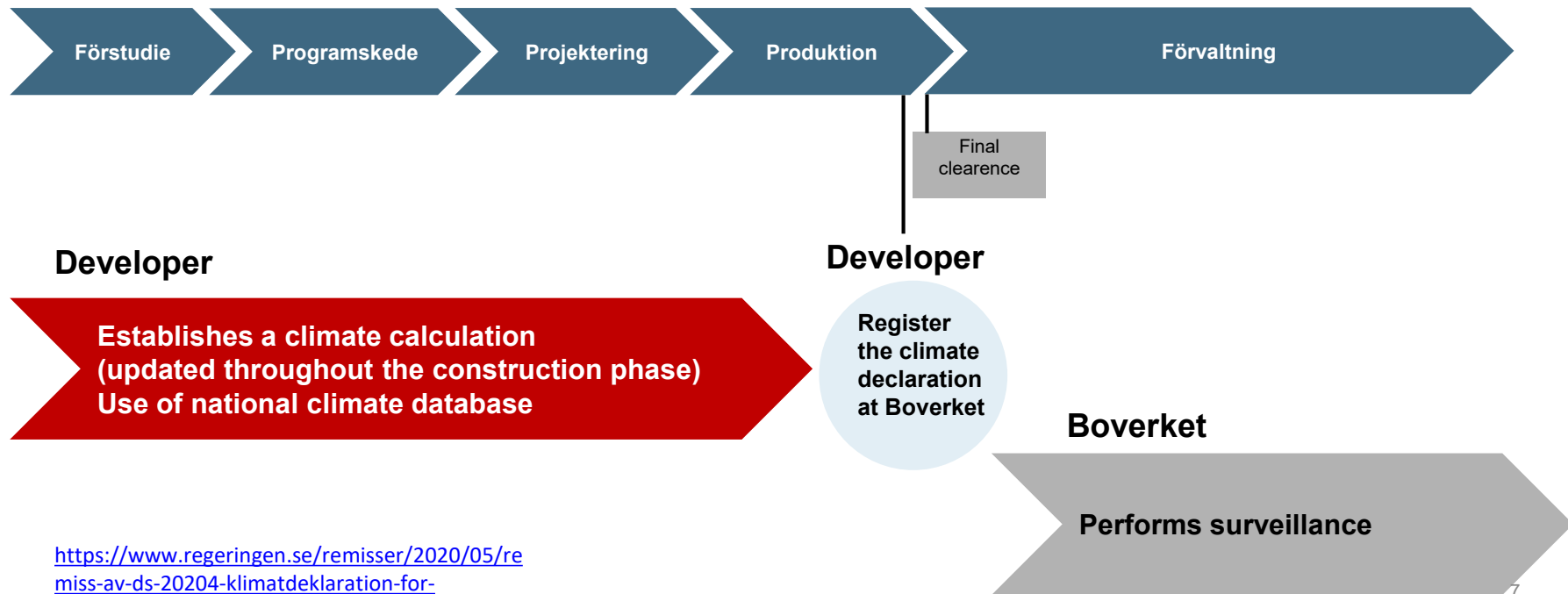
Climate declaration

Proposal of the new law



- The new law applies to those who apply for building permits from 1 Jan 2022
- Requirements to submit a climate declaration for construction of new buildings (some buildings are excluded) before final clearance can be given by the municipality
- The developer is responsible for registration of the climate declaration at Boverket
- Use of a EPD-data or generic data from the national climate database at Boverket
- Climate impact is calculated in kg CO₂ equivalents per m² (gross area)
- The documentation for the climate declaration stored for 5 years by the developer
- Surveillance by Boverket
- EU-notification (end of stand still 9 oct, 2020/439/S and 2020/440/S)

The declaration process



Government assignment 2019-22

Boverket shall take action to **facilitate** the introduction of a the **upcoming law** on climate declaration from 2022 in the construction of buildings:

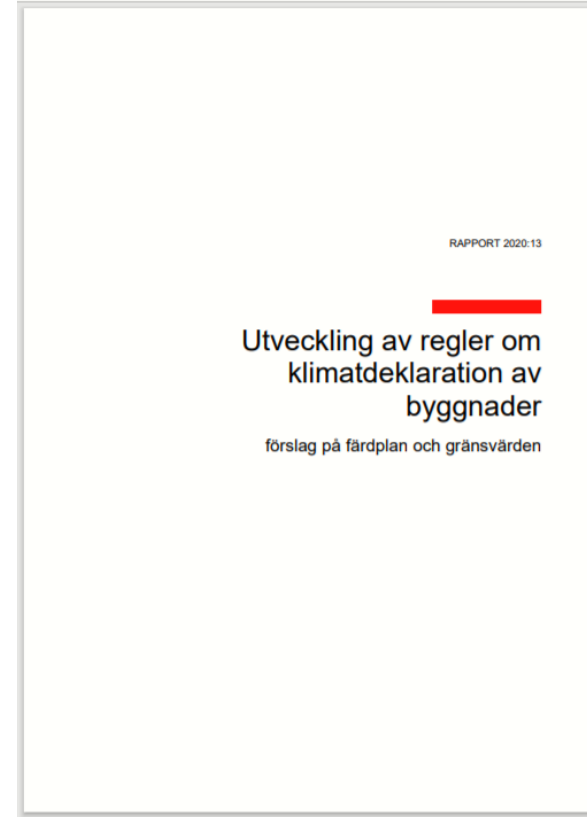
- Develop an open **database** with climate data
- Develop a climate **declaration register** for buildings
- Develop **information and guidance material**
- Assist the Government in the preparation of regulations
- Develop **a plan** for the **next stage** of climate declaration that includes the **whole life cycle** and **limit values** for climate impact

Boverkets proposal next stage

New regulation on limit values and new requirements on Climate Declaration from 2027

Government assignment

- Roadmap for the next stage of the climate declaration, which includes the entire life cycle and limit values for climate impact
- Report with proposal was submitted to the Government on 10 June 2020
- Report 2020:13 is available at www.boverket.se
- English version is coming this autumn



Proposal

Combination of two different policy instruments:

- **New regulation** on limit values for climate emissions from buildings with a long-term schedule
- **Increased requirements** for reporting the climate impact from a building during construction compared with proposals for rules for climate declarations 2022

The term **limit value** is used primarily for the minimum requirement imposed on climate emissions.

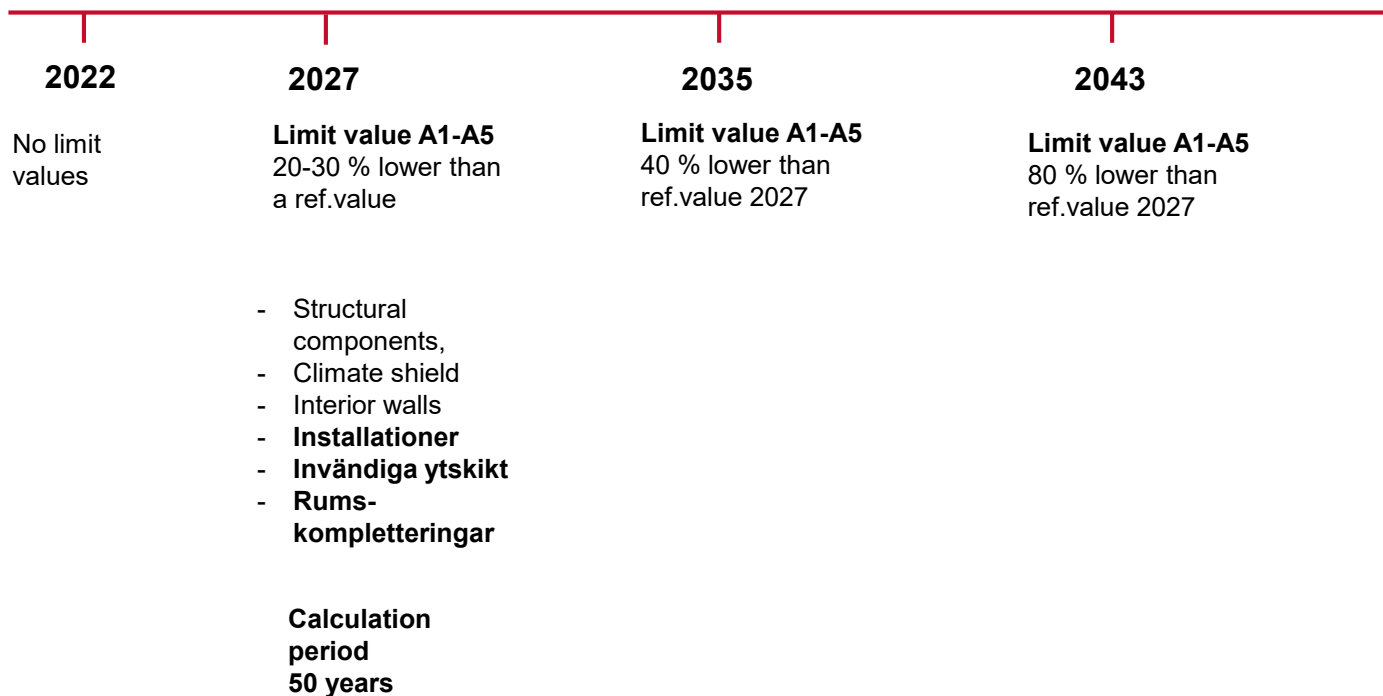
The term **climate declaration** is used for the requirement for mandatory reporting of climate impact.

Boverkets proposal for extended climate declaration and limit values from jan 2027

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Roadmap climate declaration and limit values



What is important to harmonize...

... in the upcoming regulation from 2022 in Sweden to make it easier for the industry?

What do we as legislators need to think about?

If regulation is the most effective way to handle market failure, then the following needs to be taken into account:

- What effect can be achieved and at what cost?
- What will be the consequences for different actors?
- Regulations often society's minimum requirements
- In the industry there are other driving forces pushing forward i.a. forerunners, environmental assessment systems

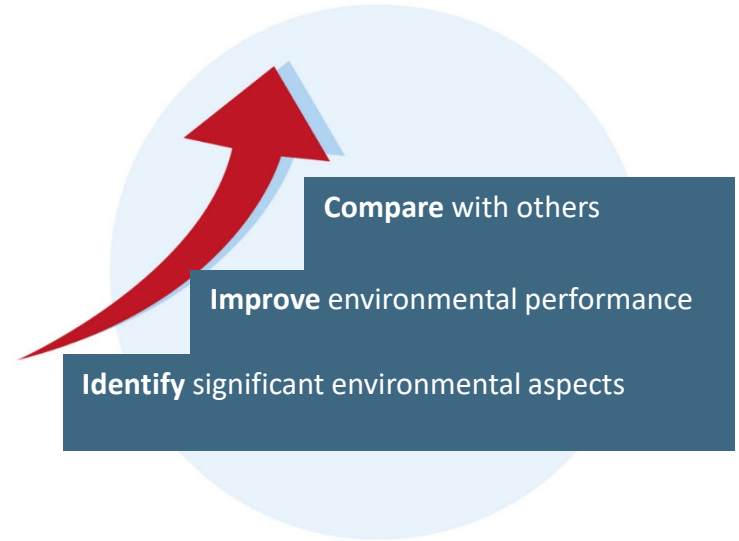
Example on differences in the nordic countries...

...that effect the outcome of regulation:

Country	Sweden
Finland want to have a climate declaration when applying for a building permit,	Before final clearance for a completed building, influences eg. the development of the national climate database
Norway is using a Norwegian standard for climate emissions in some public procurement,	Mandatory declaration for mainly all new buildings
Denmark is moving for a voluntary declaration in the building code, maybe mandatory from 2023	Mandatory declaration for mainly all new buildings

Limit values

- Introducing mandatory limit values, puts a great demand on the quality of the climate declaration and on the surveillance
- The quality requirements increases the higher up you go on the so-called LCA stairs



Prel. schedule **Provisions** and **Guidance** Climate Declaration of Buildings

(depends on the schedule for the law and the ordinance)

Provisions (swe – föreskrifter)

2021

- Consultation of a proposal of the provision and impact assessment
- EU-notification
- Decision of the provision (if possible enter into force 1 january 2022)

Guidance

Q3 – Q4 2021 Upstart development of guidance

Q3 – Q4 2022 Publication of the guidance

Nordic harmonization

- Today's round table discussion
- Nordic consultation with the Nordic working group for LCA, Climate and buildings

Nordic regulation – Questions to round table discussion

- 1. From your perspective, are the presented regulations moving the Nordic region in the right direction of lower carbon emission from construction?**
2. How much weight should be put into renovation vs. new construction in terms of climate regulation?
3. How can regulation on climate emissions from buildings support circular economy?
4. In what way do the Nordic countries want to **influence** the development of relevant **EU initiatives** (CPR, Levels, EPD vs. PEF)?
- 5. What would be an important next step for the harmonization of the regulation in the Nordic region?**

More information



Web

www.boverket.se/klimatdeklaration

Webinar

[1 hour presentation on upcoming regulation](#)

Guidance on LCA for buildings

<https://www.boverket.se/livscykelanalys>

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