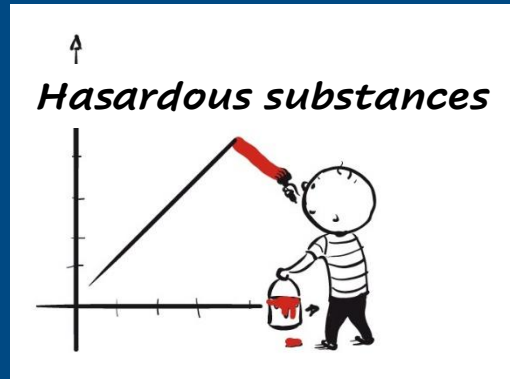


How to use Byggvarubedömningen construction material assessment tool at community level



Christina Larsson
City of Västerås

8 April, Vienna

Interreg
Baltic Sea Region



Co-funded by
the European Union



SUSTAINABLE WATERS

NonHazCity 3

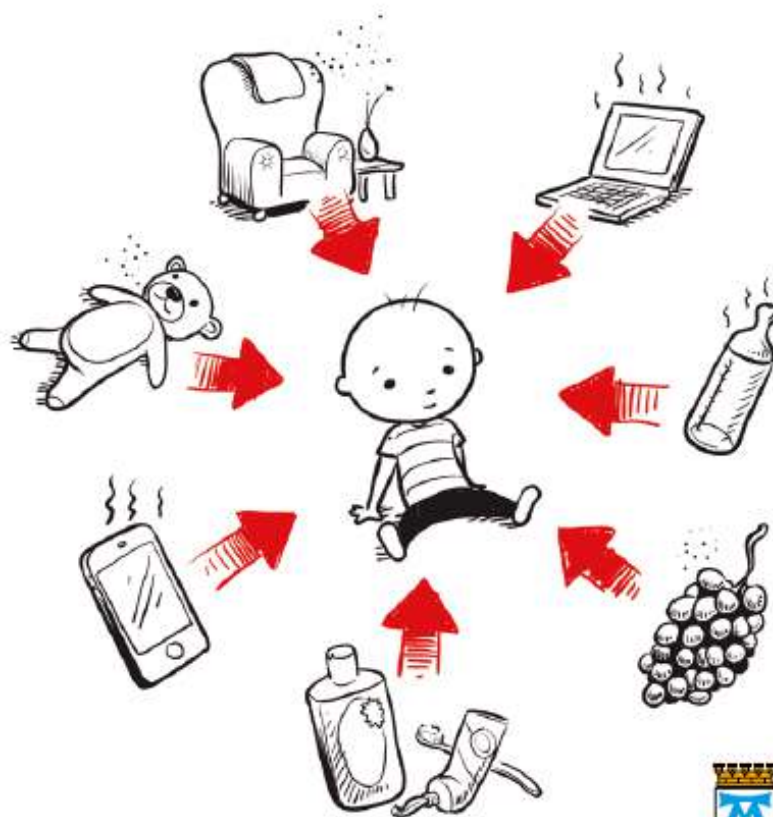


NONHAZCITY





Västerås stads handlingsplan för kemikalier 2015-2020



Byggvarubedömningen

- ❑ Environmental assessment system
- ❑ Established 2006
- ❑ Several major stakeholders on the Swedish market
- ❑ Hazardous substances risk mitigation
- ❑ Enables traceability and circularity
- ❑ Goes beyond legal requirements
- ❑ Economic association, non-profit, owned by members



BVB services

1. Product assessment

Assess products based on criteria regarding chemical content and life cycle.

2. Database

Provide a database of assessed products in a system that shows the product's impact on health and the environment.

3. Logbook

The logbook tool enables construction projects to document the products they use digitally.

4. Future tracability

Content knowledge for future renovation or demolition, on a substance level.



BVB Assessment



Recommended

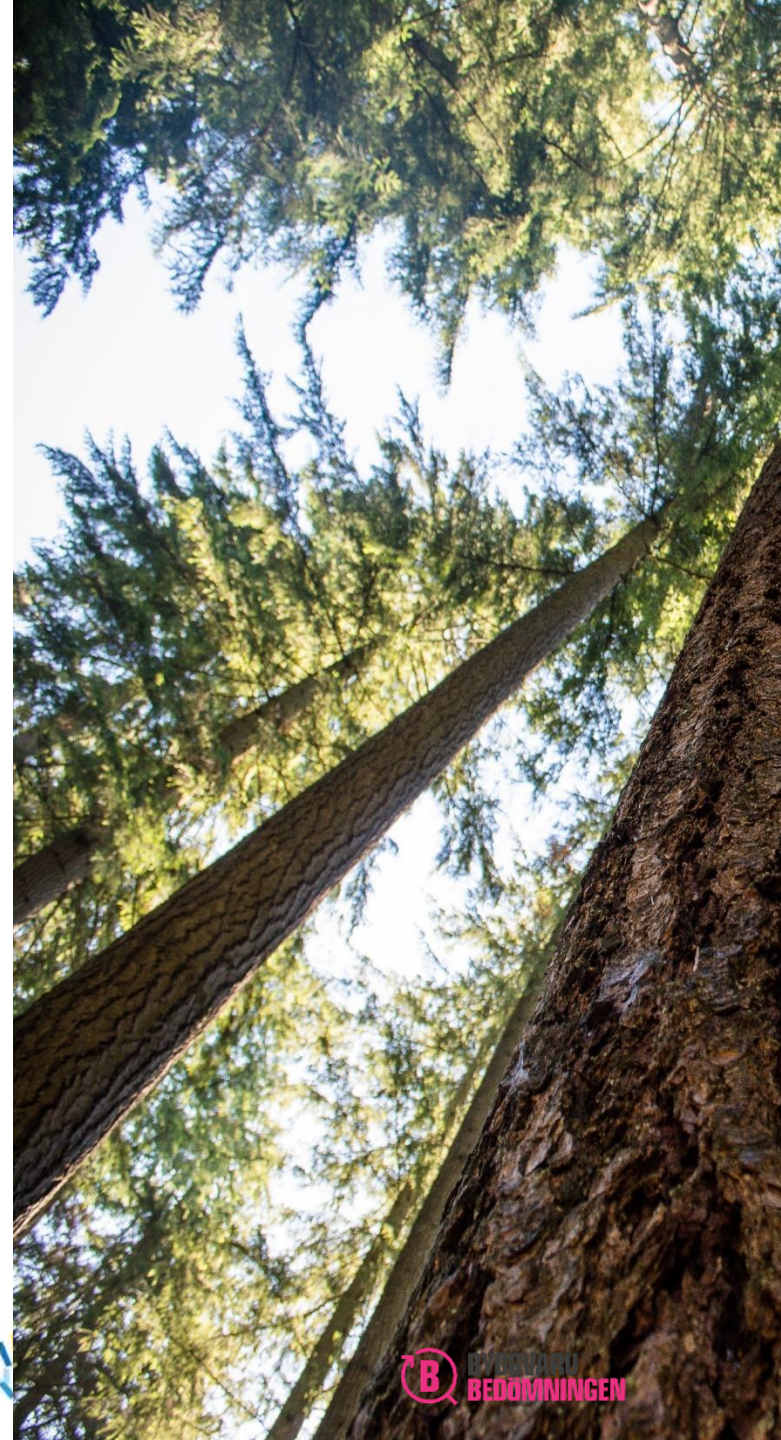


Accepted



To be Avoided

- ☐ Cradle to grave
- ☐ Chemical content
- ☐ Emissions
- ☐ Circularity
- ☐ Voluntary supply chain assessment



BVB services

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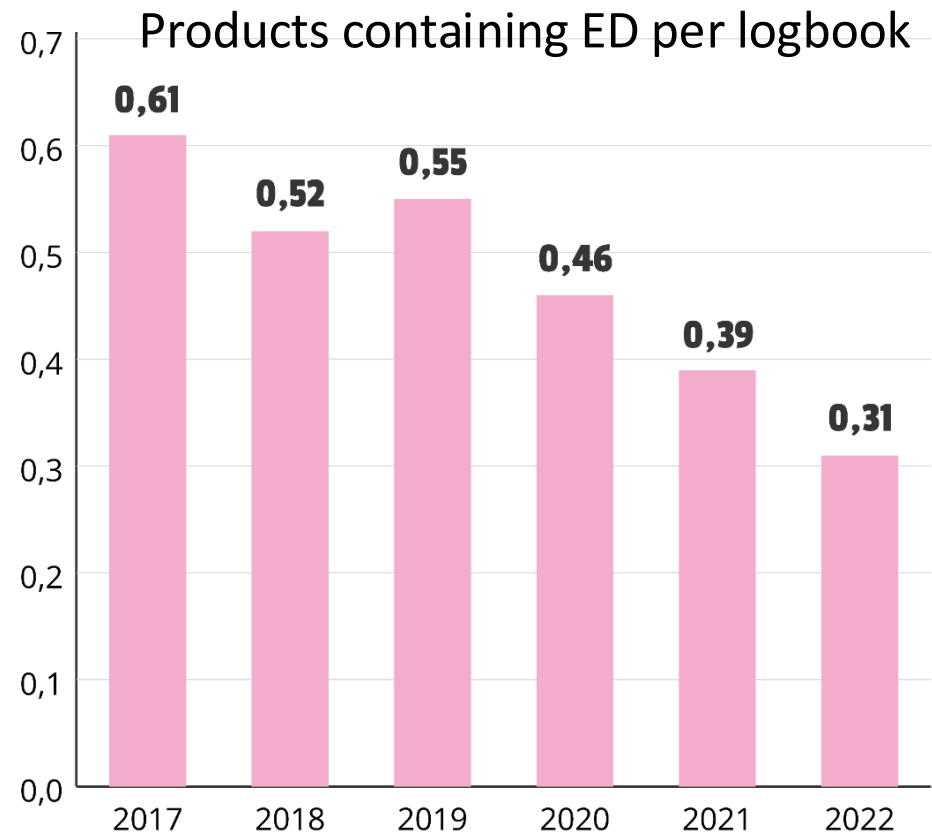
Decrease of products containing endocrine disrupting chemicals

50% Decrease

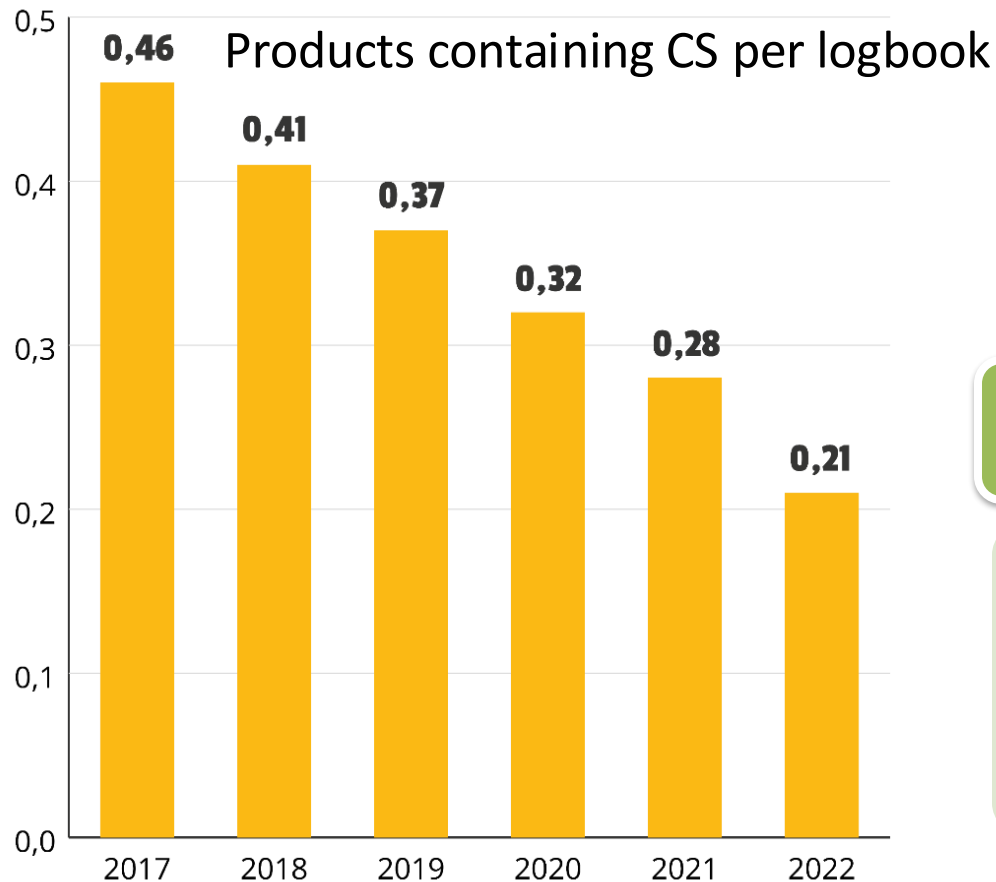
Based on:

11 000 logbooks

Average no of products/logbook



Decrease of products containing carcinogenic substances



50% Decrease

Based on:

11 000 logbooks

Average no of products/logbook

City of Västerås and BVB

Västerås stads handlingsplan för kemikalier 2015-2020



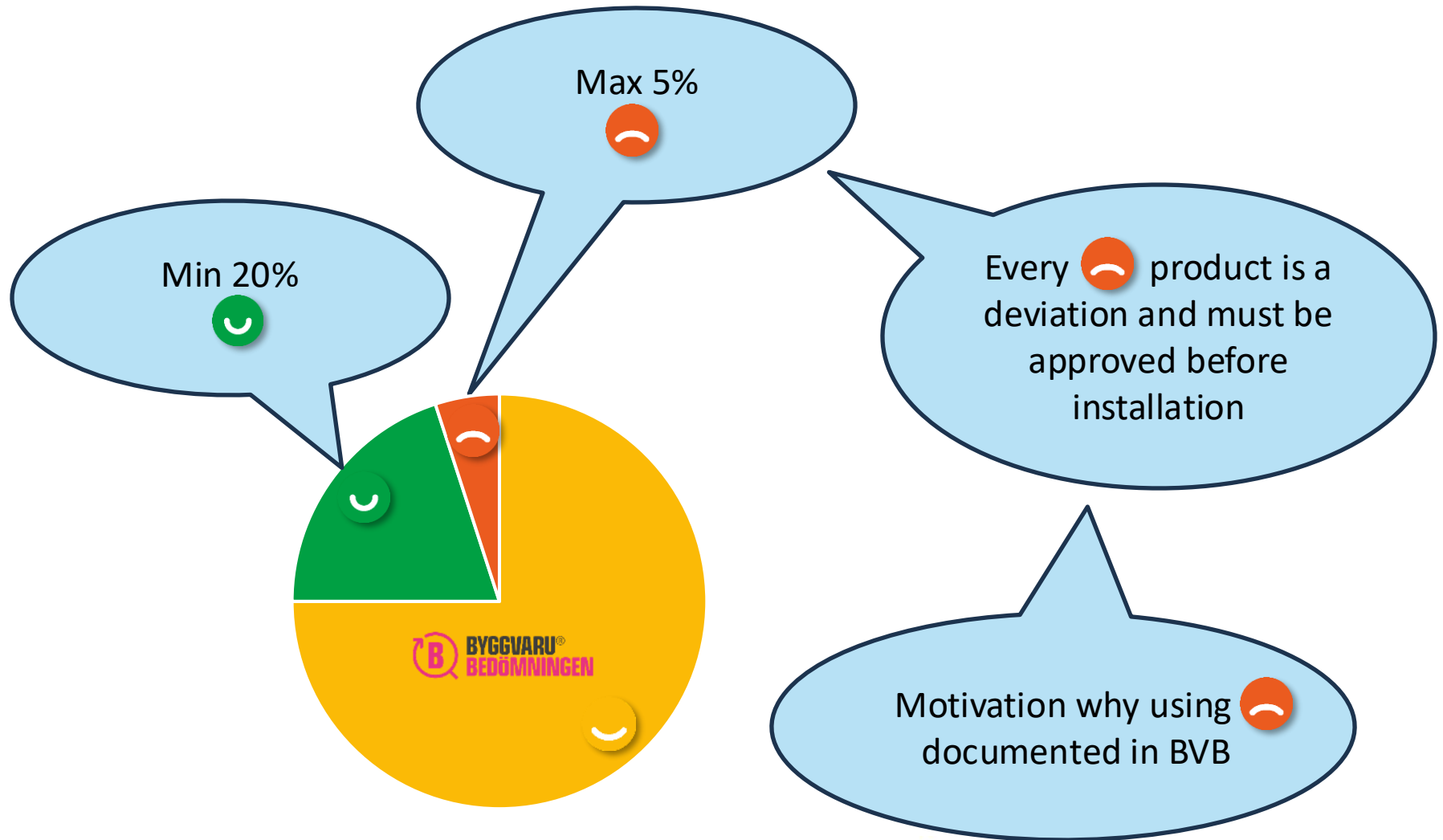
Program
Policy
Handlingsplan
Riktlinje

Västerås stads handlingsplan för kemikalier 2020-2025

Antagen av kommunfullmäktige den 1 oktober 2020

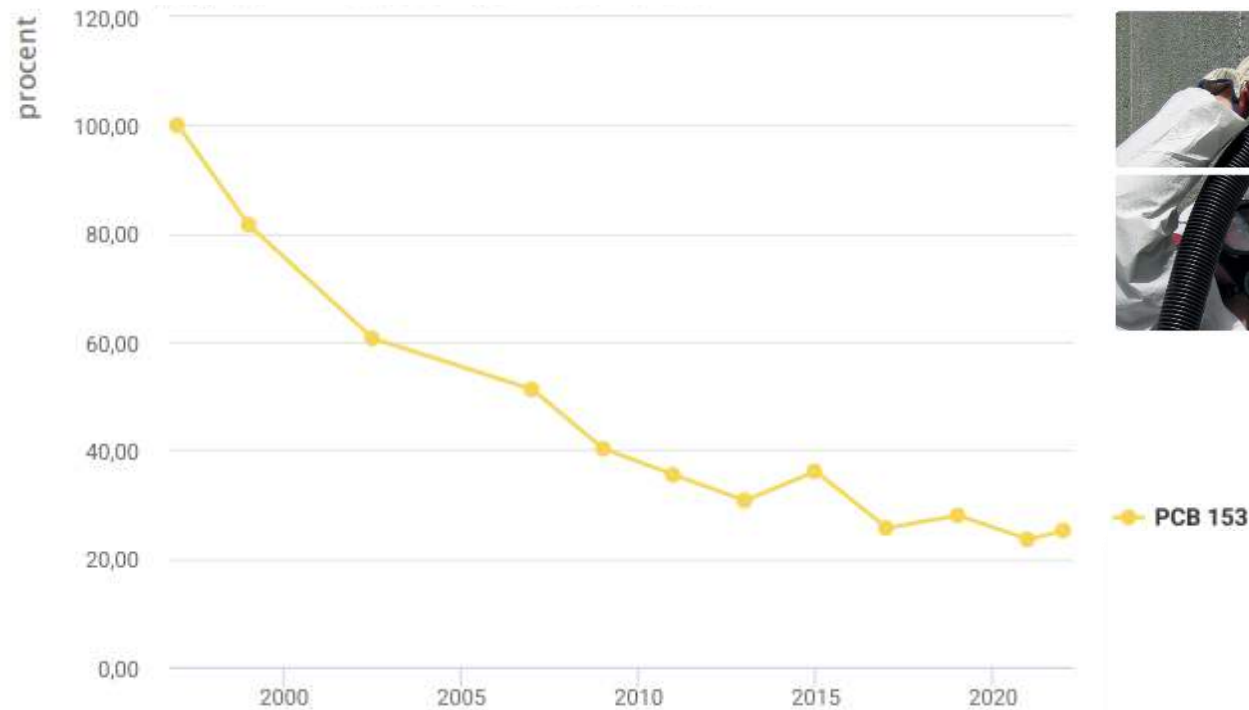
DNR: 2019/01067

BVB in Västerås



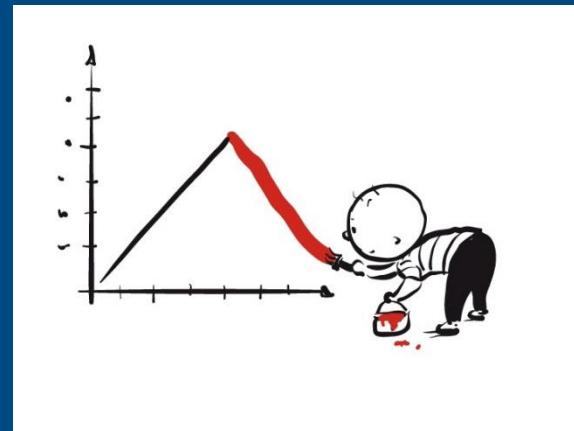
PCB in mother's milk

% compared to concentrations in 1997



Source: <https://www.sverigesmiljomal.se/miljomalen/giftfri-miljo/miljogifter-i-modersmjolk-och-blod/>

Thank you



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