

# NonHazCity 3 – Solutions for tox-free, circular, and climate-neutral buildings.

Heidrun Fammler, BEF Deutschland e.V.

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**Interreg**  
Baltic Sea Region



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# NonHazCity3

## Building is an ENVIRONMENTAL Issue



### Climate

- 40% of German GHG emissions from the construction and use of buildings
- 7% of German GHG emissions from production and construction.

### Ressources

- 28.1 million tonnes of construction material in anthropogenic storage in Germany (2010)
- 222 million tonnes of demolition waste annually (54% of the waste volume in 2021)

### Soils / Waters

Environmentally relevant substances are washed out of building products with rainwater

NonHazCity3 wants Buildings that are:

ToxFree



Circular



Climate-neutral

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# Construction material and chemicals?

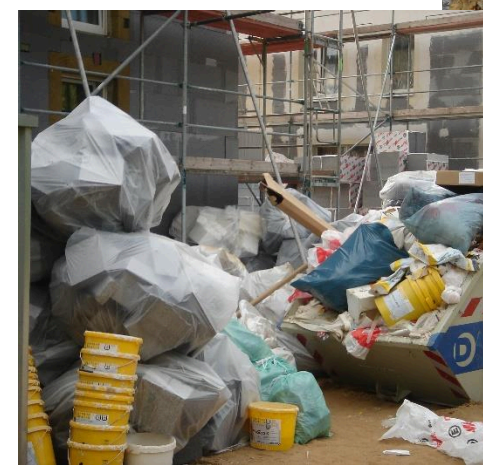
*These are not connected?!*

*- They are!*



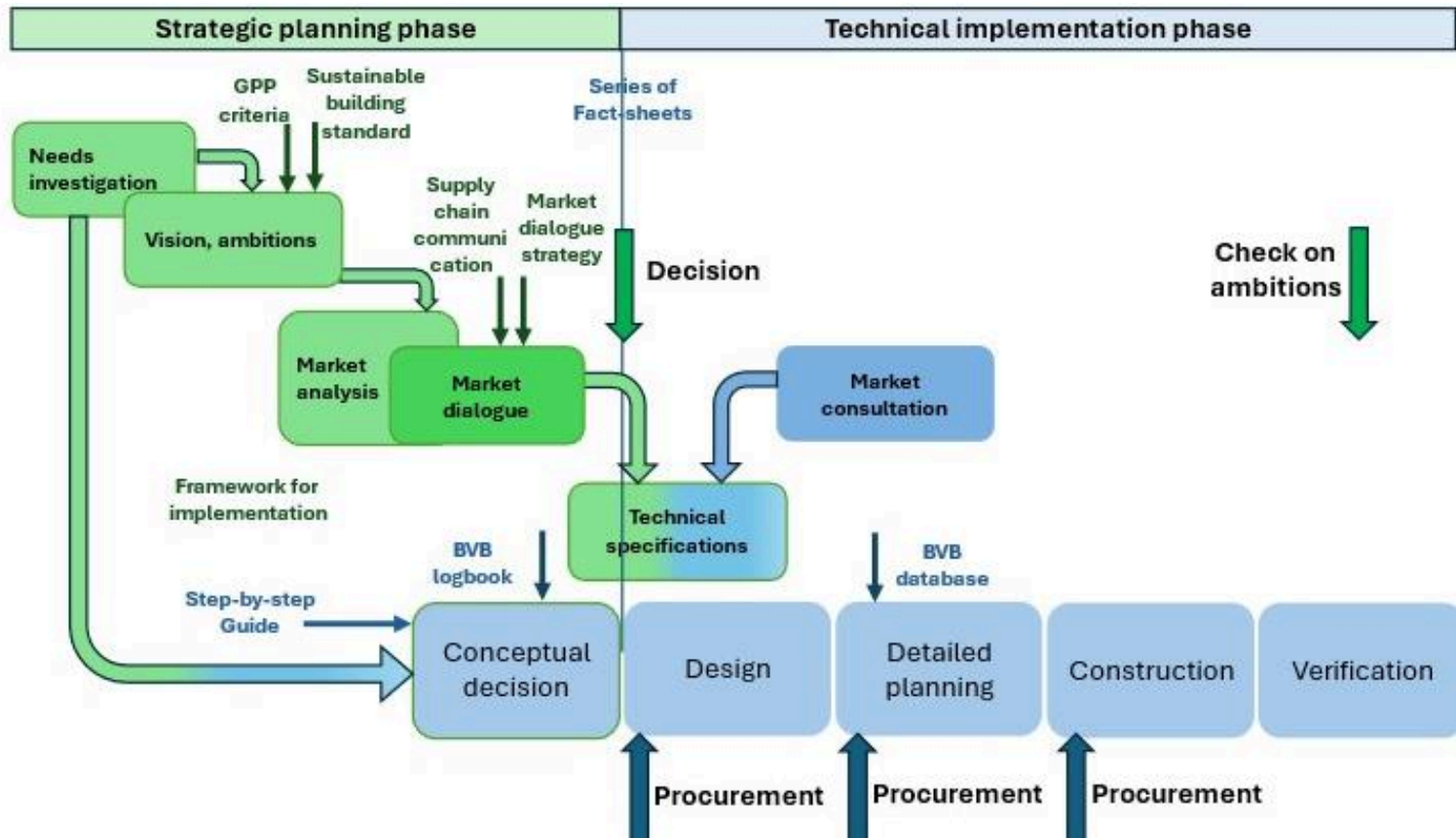
- Chemistry is vital in construction for time management, quality and sustainability.
- In Europe, there's a focus on eco-friendly practices, such as using local, low-carbon materials, emphasizing insulation and renewable energy.
- To support future reuse, construction materials should be low in harmful substances, documented for recyclers.

***We want toxfree, circular AND climate-neutral buildings!***



# NonHazCity3

NonHazCity3 offers a comprehensive range of guidelines, information materials, tools and training courses for the entire process from planning, procurement and construction to certification.





# NonHazCity3 – our products



## Guidances



The **Strategic Guide for Local Authorities** contains recommendations for the development of customized strategic solutions to increase the efficiency of administrative processes.



The **step-by-step guide for process management** provides recommendations for the selection and application of various methods and tools in all construction phases.



The **Do-it-yourself guide for citizens** enables the realization of the building turnaround for do-it-yourselfers



## Info Materials

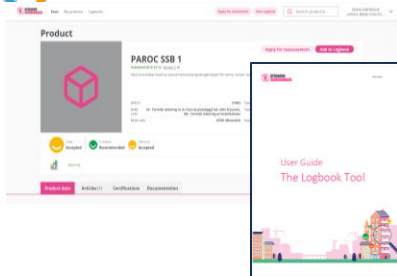


The **catalogue** offers a collection of building materials and their hazardous components to help planners and builders with product selection.



The **NHC3 fact sheets** for construction professionals have been created to increase their knowledge of chemical aspects and relate them to the circular economy of materials and the energy efficiency of buildings.

# NonHazCity3 – more products....



The **BVB database of assessed building products** shows the impact of the products on people and the environment. The user can search for specific products or for an entire product group and thus make a sustainable product selection. The logbook tool enables construction projects to document the products used.

CHECKED

Endocrine Disruptors (EDs) exposure analyzer



The **web app "Check(ED)"** enables an assessment of exposure to endocrine disruptors in the home environment and at the workplace and offers advice on reducing exposure through renovation.



The modular **training programme** for experts from public authorities and the construction industry offers systematic, comprehensive training on our 3-pillar approach and the concepts and methods.

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# The NonHazCity Building Award

## Future policies for the Baltic Sea Region

The NonHazCity Building Award honours outstanding construction policies in the Baltic Sea Region.

It promotes safety, environmental protection, circularity, and climate neutrality.



The Jury is working on its final decision

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# The idea of this workshop

- Bring our ideas from the project to a wider audience to exchange views and discuss policy framework improvement
- Session 1: Building Better Futures: Addressing Hazardous Substances and Advancing Sustainable Practices
  - Best Practices for administrative provisions to reduce substances of concern
  - From strategy to capacity in cities
  - Enabling product choice with reliable data
- Session 2: Connecting construction and chemicals policy
  - Ideas for improving the regulatory framework towards toxfree building materials



**Wishing us all a fruitful discussion**

**get more info on NonHazCity at:**

**<https://interreg-baltic.eu/project/nonhazcity-3/>**

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