# Framing Policy Recommendations for Tox-Free Construction

What Needs to Change?









### Transparency on chemical content

EU-wide building product database system

Equivalent to the Swedish Byggvarubedömnigen

Confidential expert assessment

Interpreted results available to non-experts

Active reporting of Substances of Very High Concern (SVHC) and equivalent

as a mandatory minimum

under CPR (CE marked products)

Declaration of Performance and Conformity (DoPC)

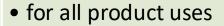
**Digital Product Passport** 

standardized Materials Passport



### Requiring Non-Toxic Construction Materials

Traffic Light Label





• Interpretation of chemical content

- © byggvarubedomningen.se
- Implementation under CPR or Ecodesign Regulation (ESPR)

Using the best class(es)

- in harmonized and mandatory minimum **Green Public Procurement** (GPP) criteria
- Delegated Act under CPR

GPP criteria depending on product use

- Tox-Free Environment Requirements for soil and water
- Volatile organic compound (VOC) emission limits at both the product and building levels for indoor air
- Expanding the use of ISO Type I ecolabels



#### **Ensuring Circularity**

- Tax on primary materials
- Benefits for resource conserving construction and reuse
- High demolition fees
- Obligation for manufacturers to take back their used products

Economic Good regulation

**Technical** 

innovation

- Recycling and reuse targets
- Pre-Demolition Audits
- End-of-waste criteria
- Sustainability requirements for buying building plots
- Building logbooks

- Improving dismantling, logistics, sorting, treatment and decontamination
- Visibility for innovative manufacturers
- AI tools to connect with SCIP database

Planning & Information incentives

- Remodelling and deconstruction concepts as new standard in planning permits and education
- SCIP database trainings for recyclers and manufacturers



# Training and capacity building

Training

- Planners & creators, procurers and building authorities
- Manufactures of construction materials, dismantlers of buildings
- Construction companies, builders, building contractors

Exchange

- Sharing regulatory updates, technical guidance, and best practices
- User-friendly procurement templates and guidance documents

Modules

- Module on avoiding hazardous substances in construction in coachings for cities
- Necessary knowledge to assess, regulate, and implement non-toxic construction practices



### Thank you!







