





Policy Recommendation



Today's construction, tomorrow's risk or resource?

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Digital tool - successful example

aBVB: The Byggvarubedömningen® is a simple toolset that helps you choose safer and more sustainable products. It offers a searchable database with trafficlight ratings: 'recommended', 'accepted', or 'to be avoided' - based on chemical content, emissions, and circularity criteria. Projects can also use the Logbook function to record every chosen product, improving traceability for maintenance, renovation, or demolition.

3. Policy Recommendations

Make information easily available **Procurement guidance (GPP⁴)** • Comprehensive information: Digital Product Passport, EPDs³ • Harmonize & mandate minimum GPP⁴ criteria: EU-wide requirements • Evaluated information: BVB^a, EU-Ecolabel, M1⁵ • Provide plug-and-play support: User friendly procurement templates and guidance (e.g. 'NonHazCity3' templates & 'CCC1' trainings for municipalities). **EU traffic-light label for construction products Stringent (mandated) minimum requirements** • Rating toxicity, environmental impact & circularity for all construction products (similar to BVB^a system) • Zero pollution ambition for soil and water: Exterior Simple and accessible to everyone materials should be free of biocides and PFAS • SVHC⁷ in all construction materials (< 0.1 %) • VOC⁸ emission limits (e.g. M1⁵ certified) **Mandatory logbooks** • Digital register of utilized products incl. chemical **Pre-demolition audits** content (comparable to BVB^a logbooks) • Enables chemical transparency, selective demolition terials • Catalogue of hazardous substances and reusable & high-quality recycling components Ensures that only non-toxic materials re-enter the economy **Full chemical declaration** & traceability Recycling/re-use quotas EU-wide product database: One • Define end-of-waste criteria for harmonised system comparable pollutant content in recycled to BVB^a building materials Covering all construction Declare recycled content in products with detailed chemical building products composition

2. Best Practice Examples

- Healthy and circular: Usage of tox-free materials and reuse of resources
- Checked products only: unwanted materials
 <3 % (undocumented / substances of concern)
- Substance transparency: Indoor materials recorded in digital logbook (BVB^a)
- Ambitious energy targets: 55kWh/m² · yr (stricter than national)
- **Maximize reuse**: Prioritize pre-used products wherever feasible
- Full traceability: All products logged in logbook (BVB^a)
- Material selection criteria: Target 20 % rated as 'Recommended', < 5% 'To be avoided' (need acceptance before installation) (BVB^a category)
- Received the DGNB² Gold certification
- **Selective demolition**: Required for buildings > 250 m². Requiring material to be sorted and documented
- **Design for future reuse**: Build for disassembly to allow product reuse
- Climate impact calculation: Following EN15978:2012 (kg CO₂ eq/m²· yr)
- **SVHC**⁷ **control**: Products SVHC⁷ free, any exception requires separate approval
- Indoor health: Interior surface materials & fixed furniture must be M1⁵ classified
- Exterior safety: Cladding & coatings without SVHC⁷ or POPs⁶
- Prefer Type I ecolabel: Third party certified
- **Build capability**: Training for staff in planning, procurement, and construction management

1. Pilot Studies

