

# QUALITY ASSESSED PRODUCT INFORMATION FOR THE BNB 1.1.6 CRITERIA SHEET IN THE FORMULATION OF THE “WECOBIS PLANNING AND PROCUREMENT ASSISTANCE“

English Summary

## **Research programme**

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## **Research topic**

Quality assessed product information for the BNB 1.1.6 Criteria Sheet in the Formulation of the “WECOBIS  
planning and Procurement assistance“

**Short title:** Product information for BNB 1.1.6

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### Abstract

The ‘Bewertungssystem Nachhaltiges Bauen’ (BNB, Assessment System for Sustainable Building) delivers a scientifically based, design-oriented assessment system for office, educational and laboratory buildings. Its criteria sheet BNB\_BN\_1.1.6 and its formulation in the ‘WECOBIS planning and procurement assistance’ form a valuable basis for selecting products with low emissions and pollutants.

The aim of the project at hand was to deliver quality assessed product information for the criteria sheet BNB\_BN 1.1.6 ‘risks for the local environment’. The quality assessed product information in the freely available database [www.baubook.info](http://www.baubook.info) shall reduce the effort for all involved parties (manufacturers as well as construction workers and designers).

In the first step, the ecological requirements on building materials published as running text in ‘WECOBIS planning and procurement assistance’ were transformed in a database usable form. For this purpose

1. The criteria of the different positions had to be systematized as far as possible.
2. The criteria had to be assigned to the baubook product categories, new product groups had to be defined.
3. The criteria had to be synchronised to existing criteria in the baubook database (so that for criteria of identical content only one declaration is necessary and existing product information can be used).
4. The structure of the database had to be adapted to the concept of quality levels (QN1 to QN5) of the BNB\_BN 1.1.6 criteria sheet.
5. The criteria had to be conditioned to the requirements of the baubook declaration platform (storing of required measurements, relevance for quality control, etc.)

The new platform enables manufacturers to declare the conformity with the BNB\_BN 1.1.6 criteria on an optional basis. The quality control of the manufacturers’ declaration follows the standardised workflow based on the baubook declaration platform. Only after successful completion of the quality control process, a product will be activated. In the end the user gets the relevant information for the selection of environmentally compliant products on the platform „baubook – product information for BNB“.