

Assessment Systems in Germany

Public and Private Providers

The Federal Ministry of Building, as part of a two-year collaboration with the German Sustainable Building Council (DGNB), has developed an initial criteria checklist for the comprehensive assessment of sustainability aspects for construction. With the resulting Assessment System for Sustainable Building a first holistic assessment procedure was available for newly constructed office and administration buildings. The Assessment was implemented for Federal Buildings by the BNB-System and for private clients by the German Sustainable Building Council (DGNB).

The existing assessment system has been further developed for application with other types of building and kinds of utilisation. Additional providers offer assessment systems for special applications. All German assessment systems require a holistic optimisation of the life cycle assessment and life cycle costing.

BNB-System

The Assessment System for Sustainable Building for Federal Buildings (BNB-System) was developed primarily for use of the German Federal Government. There is also an interdependence with the requirements for federal construction measures and the Guideline for Sustainable Building.

The assessment system is mandatory for new construction and complete refurbishment of German federal buildings. The further development of system variants primarily takes into account the building tasks of the federal government. The application is also possible for the private sector. The review of the documents then takes place via officially recognized conformity assessment bodies.



DGNB-System

The German Sustainable Building Council (DGNB) provides certification systems for many different building categories from office and administration via residential and educational buildings to hotels and industrial buildings.



There is also the possibility to certify urban quarters and perform serial certifications. In addition, there are offers for training and further education, topic-related events and further information, such as DGNB Navigator for construction products.

BNK-System

The building institute BiRN provides the Assessment System for Sustainable Building of small residential buildings (BNK).



Primarily single-family and two-family houses of private builders are evaluated. The system is based on the BNB system and has been adapted to the specific requirements.

NaWoh-System

The Assessment System for Sustainable Housing (NaWoh) was developed jointly by the German Housing Association (GdW) and the German Federal Government.



The focus addresses the requirements for sustainable and cost-effective housing. The results are awarded a seal of quality that documents compliance with defined requirements. Special features of the projects are presented in a distinguishing strength-profile.



Federal Ministry of Education and Research, Berlin
BNB: Office and Administration | New Construction | Gold
Design: Heinle, Wischer und Partner | Audit: WSGreenTechnologies GmbH



HOWOGE Treskow-Höfe, Berlin
NaWoh: Seal of Quality
Design: Ligne Architekten | Audit: HOCHTIEF Building GmbH



Department of Urban Development and Environment, Hamburg
DGNB: Office and Administration | New Construction | Platin
Design: Sauerbruch Hutton | Audit: solidar planungswerkstatt



Fischerhaus Musterhaus, Günzburg
BNK: Very Good
Design: Fischerhaus GmbH & Co. KG | Audit: Rainer Limbrunner



Federal Ministry
of the Interior, Building
and Community

sol·id·ar
planungswerkstatt

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FÖRDERN FORSCHEN ENTWICKELN

Federal Institute for
Research on Building,
Urban Affairs and
Spatial Development
within the Federal Office for
Building and Regional Planning