

## The advantages of using **iproplan**<sup>®</sup>

- Certified auditors for the German Sustainable Building Council (DGNB)
- More than 65 years experience in civil engineering, infrastructure and architectural projects
- Integrated, interdisciplinary approach to design
- In house specialists in fire protection and building physics
- Energy-efficient design and sustainability consulting
- Passive house design

As part of the DGNB certification process, the following areas of expertise can be called upon:

- Ecological balance calculation
- Life cycle cost calculation
- Management concept
- Blower door measurement
- Air exchange measurement
- EnEV verification
- Daylight simulation
- Thermal building simulation
- Infra-red thermography
- Indoor air measurement (temperature, humidity)
- Building and room acoustics simulation
- Building and room acoustics measurement
- Spatial pollution impact measurement (external)

## About Us

As an internationally active company, **iproplan**<sup>®</sup>, is constantly involved in the interacting fields of architecture, infrastructure and urban design. A highly experienced workforce of 280 architects and engineers are best placed to undertake almost any construction project and lead it from its basic concept to the realisation of its complete design.

Founded as a regional design office in Chemnitz, Germany in 1950, **iproplan**<sup>®</sup> has grown to become an internationally recognised company of consulting engineers, well known for their innovative approaches and professional competence both at home and abroad.

As consultants, **iproplan**<sup>®</sup> provides a comprehensive range of project management services that are mainly realised under one roof. You need not look any further to find an entire scope of in-house design services. New challenges may continually present themselves, but one thing remains constant: **iproplan**<sup>®</sup> will deliver quality, tailor-made solutions using clear processes, based on broad expertise.

## We look forward to your instructions!

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**iproplan**<sup>®</sup>

## DGNB certification

Green building certification  
according to the criteria of the  
German Sustainable Building Council



## Our Services

As consulting engineers and general planners, we like to present ourselves under the motto: "all services from one source" and these include engineering and design expertise in:

Architecture

Infrastructure

Civil and Structural Engineering

Building Services

Landscaping, Urban and Regional Planning

Building Physics – Energy Efficiency – Sustainability

Construction Management – Project Management

Real Estate Consulting

Evaluations and special Services

All the above is largely carried out "under one roof" which facilitates clarity and good communication.

*full of fresh* ideas

*full of fresh* ideas

## Who and what is „DGNB“

The German Sustainable Building Council was established in June 2007 as a non-profit organisation. In cooperation with the German Federal Ministry of Transport, Building and Urban Development, DGNB has developed a sustainability rating system for buildings.

The evaluation reviews six hallmark areas:

- Ecological quality
- Economical quality
- Socio-cultural and functional quality
- Technical quality
- Process quality
- Location quality

as well as several other criteria for sustainable construction. These criteria are interpreted according to various weightings.

## How you benefit from this “seal of quality”

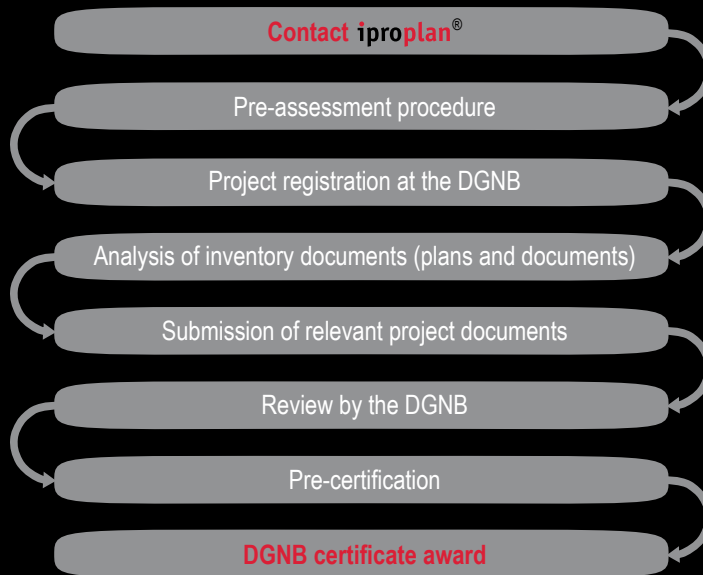
- Active contribution to sustainability issues
- A clearer focus on planning and budgeting issues in the early design stages
- Risk minimization
- Practice-oriented design tool
- Sharp focus on life cycle factors
- “Made in Germany”
- Marketing image enhancement of the property
- Visual improvement of the property
- Energetic assessment of building performance
- More than just “Green Building”



## The road to DGNB certification

A key instrument of the DGNB is the award of a “German seal of quality for sustainable building”. Outstanding buildings are awarded in the categories of gold, silver and bronze.

The road to German Sustainable Building certification is clearly signposted as follows:



## DGNB and iproplan®

Resource depletion, climate change and various financial crises present great challenges to our society. Sustainability and sustainable development means taking responsibility for the current problems and not simply passing them on to future generations.

iproplan® is fully aware of this responsibility.

When the German Sustainable Building Council started to train the first auditors for their certification system DGNB, iproplan® took part as the first and so far only company in South-West Saxony.

## Your contact persons for DGNB

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## (realized certifications) References



VW Hall 100, Chemnitz



Retail Centre "Emaillierwerk", Fulda



Physiotherapy Clinic, Großenhain



Island School, Fehmarn



Vehicle and Equipment Complex, Leipzig/Halle Airport



Project house „MeTeOr“, Technical University of Chemnitz

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