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**BHM INGENIEURE**

**OVERALL ENGINEERING  
& CONSULTING SERVICES**



Transportation  
Industry  
Power Plants  
Special Topics  
Public Sector

# CUSTOMER VALUE



REFURBISHMENTS

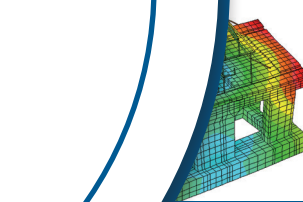
NEW CONSTRUCTION


## ALL IN ONE

- Architectural design
- Structural engineering
- Dynamics
- Building services / MEP
- Security systems
- Fire prevention systems
- Utility supply
- Communication systems
- Civil design
- Hydraulic engineering
- 
- Consulting
- Design
- Project management
- Controlling
- Site management


EXPANSIONS

REBUILD







BHM INGENIEURE is a multidisciplinary engineering company. We act as independent **consultants and designers**, accompanying our clients from feasibility studies to realization and even to the end of life cycle of their building investment.



As **overall designers** we offer complete services. Using state-of-the-art planning methods such as **Building Information Modeling (BIM)** we create intelligent building models, which improve planning reliability, speed up the decision-making process and imply numerous advantages for maintenance.



With our **experienced staff** in all engineering disciplines at several strategically placed branches we are always available for our clients, nationally and internationally.



# INDUSTRY



Depending on the client's requirements, we are in charge of greenfield projects, brownfield projects or rebuilds.

We accept the challenge to design successful projects, having a demanding structure and complex mechanical installations, within squeezed timeframes and budget.

Due to longterm relationships, we are a partner who is able to constantly contribute with client-specific knowledge.

## TOPICS

Industrial buildings  
 Distribution centers  
 Commercial buildings  
 Office buildings

## DEPARTMENTS

Architectural design  
 Structural engineering  
 Dynamics  
 Building services / MEP  
 Utility supply  
 Ventilation technology  
 Fire prevention systems  
 Security systems  
 Communication systems  
 Civil design  
 Railroad design  
 Underground services

## SERVICES

Consulting  
 ▼  
 Feasibility studies  
 Master plan  
 ▼  
 Cost estimation  
 ▼  
 Pre-Engineering  
 Permit application design  
 ▼  
 Detail engineering  
 Procurement  
 ▼  
 Project management  
 Site management  
 ▼  
 Controlling  
 ▼  
 Special services



# TRANSPORTATION



Transport requirements of people and goods are increasing constantly.

As an engineering company we support our clients in all investments concerning transport routing, building constructions, service facilities and goods logistics.

We have a wide range of ways to contribute to our clients' success. Taking the overall responsibility in engineering and design, leading complex project teams or providing expertise and experience in specific areas are just some of them.

**TOPICS**

**DEPARTMENTS**

**SERVICES**

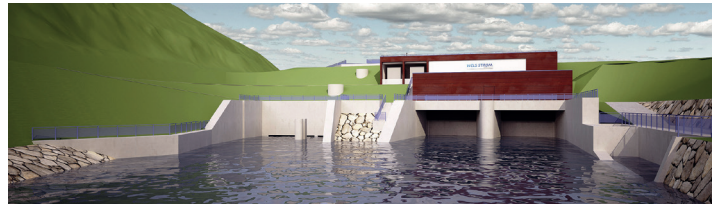


Railway system  
Overhead transmission lines  
Roads  
Crossings  
Tunnels  
Bridges  
Subways  
Noise protection  
Park & Ride  
Traffic junctions  
Round-abouts  
Retaining walls  
Slope stabilisation  
Pumping stations  
Retention basins  
Workshops  
Distribution centers  
Vertical structures  
Traffic studies

**ROUTES**  
Railway design  
Road design  
Drainage systems  
Electrical engineering  
Dynamics  
**STRUCTURES**  
Architectural design  
Structural engineering  
MEP-Design  
Security systems  
Fire prevention systems  
Ventilation technology

Consulting  
▼  
Studies  
Analyses  
▼  
Public relations  
▼  
Pre-Engineering  
Permit application design  
▼  
Detail engineering  
Procurement  
▼  
Project management  
Site management  
▼  
Controlling  
▼  
Special services

# POWER PLANTS



Thermal generation plants for biomass and waste incineration plants are becoming more and more an attractive alternative to fossil-based energy. Hydroelectric power plants play an important role in the mix of renewables.

With our overall engineering and design, combined with site management, we ensure that projects are completed on schedule and within budget.

We offer our clients professional service as an experienced partner in engineering and design for power generation plants.





## TOPICS

### HYDRO POWER

Run-of-river plants  
Storage power plants

Weir  
Dam  
Embankment

Fish ladder  
Head race tunnel  
Surge shaft  
Pressure pipeline

Electric power house  
Power supply

Flood protection

### THERMAL POWER

Coal  
Gas  
Biomass  
Waste material  
Heat recovery

## DEPARTMENTS

Architectural design  
Structural engineering  
Dynamics  
MEP-Design  
Security systems  
Fire prevention systems  
Utility supply  
Communication systems  
Ventilation technology  
Civil design  
Railroad design  
Hydraulic engineering

## SERVICES

Consulting  
▼  
Feasibility studies  
Master plan  
▼  
Pre-Engineering  
Permit application design  
▼  
Detail engineering  
Procurement  
▼  
Project management  
Site management  
▼  
Controlling  
▼  
Special services



# PUBLIC SECTOR



We are all striving to live a good life at all ages. The respective facilities provide us with a number of opportunities to achieve this goal.

Our rural and urban habitats require modern infrastructure. BHM contributes by providing designs for drinking water supplies, sewers, roads, hospitals or public buildings.



**TOPICS**

**DEPARTMENTS**

**SERVICES**

**STORM WATER**

Drainage system  
Retention  
Ground leaching

**FRESH WATER**

Drinking water  
Water purification

**WASTE WATER**

Waste water treatment  
Sewer system

**FLOOD PROTECTION**

Dam  
Embankment  
River regulation

**HYGIENICS**

Cleanroom technology  
Air Handling technology  
Medical gas

Architectural design

Structural engineering

MEP-Design

Security systems

Fire prevention systems

Utility supply

Communication systems

Ventilation technology

Civil design

Mechanical engineering

Electrical engineering

Control technology

Consulting

Public relations

Feasibility studies

Master plan

Analyses

Pre-Engineering

Permit application design

Detail engineering

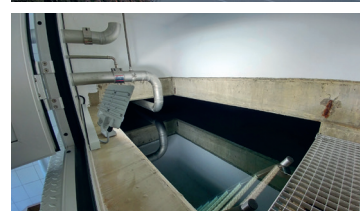
Procurement

Project management

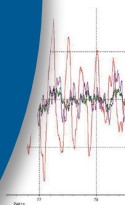
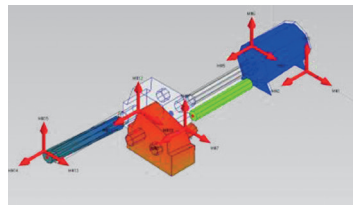
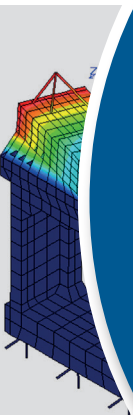
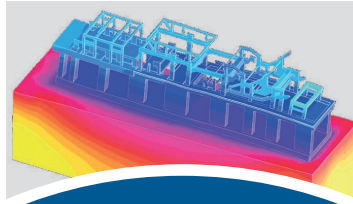
Site management

Controlling

Special services



# SPECIAL TOPICS



The demand for quality of life, health and safety is increasing steadily, that's why the boundary conditions for the manufacturing industry are becoming constantly more complex.

For special tasks, BHM INGENIEURE provides special engineering solutions.

## TOPICS

### PROJECT DEVELOPMENT

Architectural concept  
Logistics  
Costs / dates  
Sustainability  
Risk assessment  
Land analysis

### STRUCTURAL AND MACHINE DYNAMICS

Measurement  
Analysis  
Design  
Monitoring  
Expertise

### INDUSTRIAL BUILDINGS

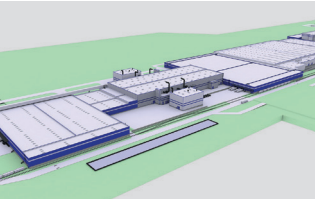
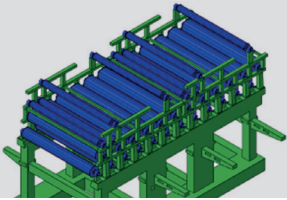
On-site inspection  
Valuation  
Measure catalogue  
Surveillance audit

## DEPARTMENTS

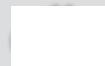
Architectural design  
Logistics  
Structural engineering  
MEP-Design  
Tender management  
Civil design  
Dynamics

## SERVICES

Consulting  
Analyses  
▼  
Feasibility studies  
Concepts  
▼  
Layout  
Master plan  
▼  
Expertises  
▼  
Proposed solutions



# WE DESIGN SUCCESSFUL PROJECTS



 Smurfit Kappa



   
delfortgroup

SIEMENS







  
stordenso

voestalpine

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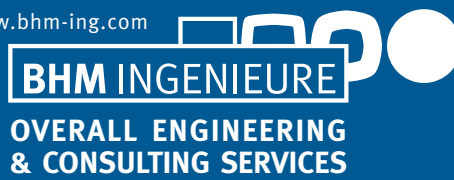
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