



# General Presentation of

**TS INTERNATIONAL CONSULTANTS, ARCHITECTS &  
ENGINEERS**  
**GERMAN NATIONAL NETWORK (GNE) OF CONSULTANTS**  
Dortmunder Str. 7  
D-57234 WILNSORF, GERMANY  
[www.steiner-consult.de](http://www.steiner-consult.de)  
[www.bogie-user.de](http://www.bogie-user.de)

# History

- **GNE - GERMAN NATIONAL NETWORK OF CONSULTANTS**  
– was founded in 1972. Only a few years later the intensive extension of the network started with a strong upwards trend, even intensifying its dynamic later on.
- Today our network consists of several branch offices all over Germany and Europe.



# Main Data

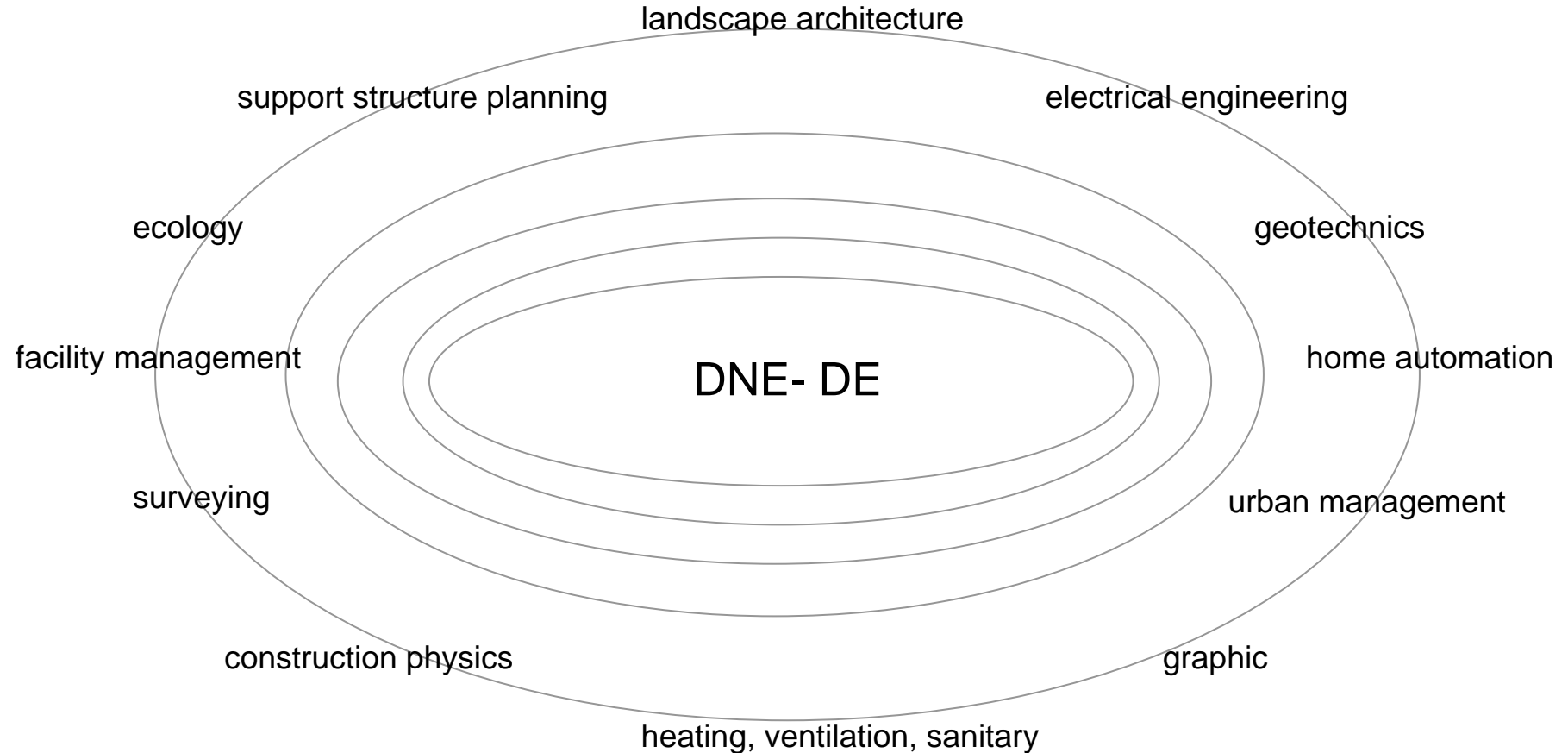
- Employees in the Group GNE: 220
- Qualifications: Architects, Constructors  
Engineers, Engineers, Building  
and Civil Engineers, Technicians in  
mechanical and electrical Engineering,  
Project Manager, Administrative staff
- Turnover: 25 Mio. EUR p.a. (per year) only in  
Design and Engineering work
- Memberships: VBI e.V., VDI e.V., INGEWA, DVGW,  
UDIF, UBI, BYik Bau, QZV
- Locations: Wilnsdorf, Hamburg, Cologne,  
Burghausen, Munich, Dortmund  
Posen, Poland  
Seoul, Korea

# Philosophie

- **GNE - GERMAN NATIONAL NETWORK OF CONSULTANTS** – is a network of five famous architects and engineering partner companies located in Germany, Poland and Korea
- Each office can provide excellent references in different sectors of planning and construction.
- The union of long lasting experience in project planning and realisation of construction projects as well as know-how more than 200 employees are basis for development of architectural and constructual economic and functional solutions with high quality for extensive planning tasks.



# Overview: Scope of services



# Concept for Urban Management

- Beautiful villas and apartments with a special flair, interesting office buildings, award-winning schools and university premises, light and cheerful sport- and event buildings, cultural important adaptation of conservation monuments as well as important buildings for health and wellness are the category groups, that we have planed and built with success and competence.
- A high number of winning competitions and architects awards accompany our way.



# References for Urban Management

- Urban Planning
  - Residential area Lurup, 1992
  - Residential area Eidelstedt, 1995
  - Residential area Große Bergstraße, 1996
  - Residential area Othmarschen Park, 1996
  - Office and living Quarter Valentinskamp, 1996
  - Urban Quarter at a train station, 1999
  - Residential area Sophienstraße, 2003
  - Concept for a school in Hamburg, 2005
- Office- and trade buildings
  - Kurze Str./Poolstr., 1990
  - Ost-West-Hof, 1994
  - Goethestraße, 1994
  - Center am Tierpark, 1997
  - Parkhotel Elysee, 1998
  - Branch office Englische Planke, 2002



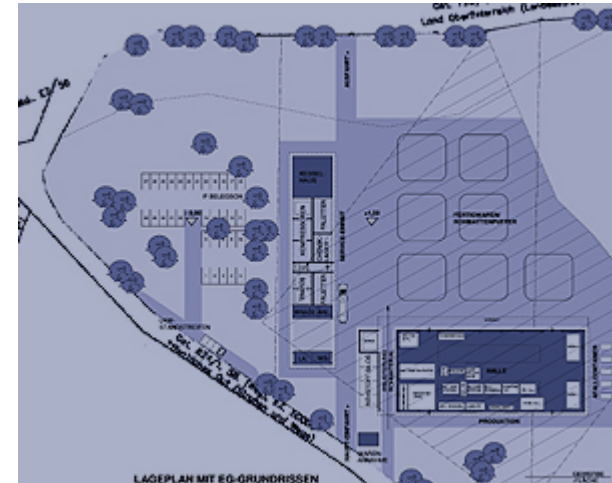
# References for Urban Management

- Domestic Housing
  - 41 flat units in Hamburg, 1993
  - 26 flat units with Trade in Hamburg, 1993
  - 124 flat units in Lurup, 1995
  - 80 flat units in Groß Glienicke, 1995
  - 320 flat units in Hamburg, 1997
  - 15 freehold flats in Hamburg, 1999
  - 28 flat units near Hamburg port, 2005
- Villa
  - Villa Eibeck, 1991
  - Resort Hagenbeck, 1998
  - Villa Theresenweg, 1998
  - Villa on the slope, 2004



# References for Urban Management

- Sport- and event buildings
  - International Funk Exhibition, 1990
  - Gym Hansa and grammar school, 1990
  - Sports hall Alsterdorf, 1994
  - New America- House, 1996
  - Health resort, 2002
  - Athletics gym hall, 2005
- Education
  - Comprehensive school and gym Allermöhe, 1996
  - Comprehensive school Poppenbüttel, 1997
  - Comprehensive school Volksdorf, 1997
  - Grammar school and district Center, 1998
  - Comprehensive school Walddörfer, 2000
  - Center for marine and atmosphere science – ZMAW, 2003
  - Conservatory in Hamburg, 2004



# References for Urban Management

- Conversion of ancient monuments
  - Rearrangement civil justice building, 1994
  - Branch office Sonninhof, 1995
  - Restoration of two hotels, 2000
  - Heerlein-Zindler-Foundation, 2002
  - Town hall and square in Lüdenscheid, 2005
  - International Navigation- und Marine Museum, 2005
- Health
  - Doctor's centre, 2000
  - General hospital in Demmin, 2002
  - General hospital in Hagenow, 2003
  - Health resort Lobenstein, 2003
  - Müritz Hospital in Waren, 2004
  - Children's hospital in Altona, 2004
  - Clinic Centre in Rostock, 2005



# Concept for industrial engineering

- We offer all-in-one founded and professional engineering and design in the fields of process automation, process control, measurement and control, electrical planning, domestic technique, communication and safety, as well as data systems engineering for pharmaceutical enterprises, environmental technology, food industry, steel industry, chemistry and petrochemistry.



## Scope of Service for industrial engineering

- Hardware engineering
  - Prebasic-/Basic-Engineering
  - Detail-Engineering
  - Material requisitions for inquiry and for order
  - Bid evaluation
  - Economic efficiency studies of field bus concepts
  - Risk Management and classification of hazard
  - Ex(i) calculations (intrinsically safe verification)
  - Request for tenders
  - Supervision and instr./electr. Construction Management
  - Loop check and Commissioning

# Scope of Service for industrial engineering

- **Documentation**
  - Instrument and Electrical Designing and Drafting on in-house
  - CAE/CAD Systems
  - Customized Project documentation
  - Preparation of test instructions
- **Software Engineering**
  - PCS- and SPC-Software and Client/Server-Systems
  - Database- and Web-Applications
  - In-house-tests and validation
  - FAT, SAT and Plant simulation
  - Online Documentation
- **Service and Support**

# References

- ABB
- Austria Alu-Guss GmbH
- Aventis AG
- Avon Cosmetics GmbH
- Bernecker & Rainer
- BMW Technik GmbH
- Brückener Maschinenbau
- Ciba AG
- Clariant GmbH
- Degussa AG
- Dyneon GmbH
- Elektroanlagen Bau GmbH
- Eprova AG
- Esso AG
- Esterer AG
- Fortum Engineering
- Foster Wheeler Italiana
- Henkel AG
- Hoffmann La Roche AG
- Klöckner Pentaplast GmbH
- Kremsmüller GmbH
- Linde AG
- Milba AG
- Nestle
- Nitrochemie GmbH
- OMV
- Philipp Müller GmbH
- Salinen AG
- Sandoz GmbH
- Schild AG
- Siemens AG
- Stadt Burghausen
- Süd-Chemie AG
- Techn. Universität München
- Vinnolit GmbH
- Wacker Chemie GmbH
- Wacker Siltronic AG

# Concept for Plant and Technical Engineering

- Since the foundation of our company we have implemented complex industrial and institutional projects in Germany and abroad.
- Today, we operate worldwide in a broad range of industrial architecture, engineering and infrastructure projects.
- Development ideas for the future by:
  - Networked thinking and acting
  - Applying global standards
  - Target-oriented systems and integrated design
  - Developing of new approaches
  - A global strategy
  - Master planning
  - Well-defined objectives



# Concept for Plant and Technical Engineering

- **Plant design**
  - Functions
    - Plant Organisation Structure
    - Production Organisation Structure
    - Logistics
    - Infrastructure & Energy
    - Systems
- **Technical Engineering**
  - Technical solutions
    - Industrial Facilities
    - Civil and structural engineering
    - Traffic infrastructure
    - Hydraulic structures
    - Special Design
    - Energy plants
    - Wind Power system
- **Architecture**
  - Planning and Design
    - Production Facilities
    - Industrial Buildings
    - Rehabilitation and Conversion
    - Logistics Centres
    - Structural Buildings
    - Residences
    - Skyscrapers
    - Towers
    - Hotels and resorts
- **Project Management**
  - Organisation
  - Coordination
  - Cost planning
  - Cost monitoring
  - Project scheduling
  - Quality Control
  - Claim Management

## Concept for Plant and Technical Engineering

# Rolling Stock Division

- **Foundation Engineering**
  - Soil mechanics
  - Subsoil investigations
  - Foundation recommendations
  - Tunnels
- **Architecture design**
  - Industrial Engineering
  - Structural Engineering
    - Industrial plants
    - Buildings
    - Bridges
    - Steel engineering
    - Structural design
- **Transportation/Rolling Stock**
  - Traffic planning
  - Traffic engineering
  - Road & Rail engineering
  - Road & Rail operation and maintenance
  - Rolling Stock Vehicles
  - Freight car Engineering
- **Waste and Water Management**
  - Environmental impact assessment
  - Solid Waste Management
  - Water Supply
  - Sanitation

# Scope of Supply for Plant and Technical Engineering

- Master plans
- Feasibility studies
- Preliminary designs
- Official approval procedures
- Final designs
- Tendering
- Bid evaluation
- Construction supervision
- Final handing over/commissioning
- Operations planning
- Weak point analyses
- Technical, economical, environmental, social, cultural studies
- Tariff studies
- raining and upgrading
- Institutional strengthening
- Management consultancy
- Technical assistance
- Topographical and hydrographical surveys
- Inventories
- Surveys
- Expert reports
- Subsoil investigations
- Geographic information systems
- Project monitoring

# References for Plant and Technical Engineering

- Transformation of a former production facility in Cologne
- Kriwal Rag Wind Power Station, Russia
- Rheinzink Factory Hall, Datteln/Germany
- Maintenance Facility, Dortmund, Germany
- Road Network Planning in Eritrea
- Sullage Processing in Denmark
- Thyssen Krupp Steel workshop in Duisburg, Germany
- Fire Coating Factory in Dortmund, Germany
- Hospital in Mali
- Wind energy plant (100 MW) in Busan, Korea
- Several Energy projects





# Inprint

**TS INTERNATIONAL CONSULTANTS, ARCHITECTS &  
ENGINEERS  
GERMAN NATIONAL NETWORK (GNE) OF CONSULTANTS**

**Dortmunder Str. 7**

**D-57234 Wilnsdorf**

**Germany**

**Tel.: 0049-2739-4039-0**

**Fax: 0049-2739-4039-24**

**Email: [info@steiner-consult.de](mailto:info@steiner-consult.de)**

**[www.steiner-consult.de](http://www.steiner-consult.de)**

**[www.bogje-user.de](http://www.bogje-user.de)**

**Managing Director/CEO:**

**Dr. Thomas Steiner VBI**

**Notice:**

All information given in this presentation were given by all Group Members and Partner Members in our Group and are under final protection of the Group and the members according to the official statute of the Group.