

Ways & Freytag Ingenieurbau AG
Group Company of Royal BAM Group

Eschborner Landstraße 130-132
D-60489 Frankfurt
Telephone: +49 (0) 69 79 29-0
Telefax: +49 (0) 69 79 29-122
info@wf-ib.de
www.wf-ingbau.de

Connections for Life.

Ways & Freytag Ingenieurbau AG –
Focus on Competence

Partners in construction.

Wayss & Freytag Ingenieurbau AG is one of Germany's leading construction companies. The main focus of its activities lies in the German civil engineering and international tunnelling markets. Wayss & Freytag Ingenieurbau AG is a subsidiary of the Royal BAM Group, one of Europe's largest construction companies, based in the Netherlands, with a total turnover of over € 7 billion and 21,000 employees worldwide.

Client-oriented thinking and responsible action form the basis of our work. A considerable factor contributing to the success of every project is a good working relationship with our clients. The six regional offices of our Northern Division, Central Division and Southern Division guarantee close proximity to our clients. This creates short distances and simplifies communication with our partners.

The concept of regional proximity is complemented by the core competence orientation of the Tunnelling Division, which is active in both national and international markets, and the Environmental Services and Building Maintenance Department, which operates nationwide.

Wayss & Freytag Ingenieurbau AG is recognized for the quality and reliability of its products and services. Convincing civil engineering services and professionalism characterize our projects, which we are glad to execute with high demands on ourselves with regard to quality, safety and punctuality. Our best staff members team up on a project to project basis to develop the suitable solution for every technological challenge.

Wayss & Freytag AG strives to offer its clients real value and to form a close and lasting working relationship with them to achieve the best possible solutions for the maintenance, innovation and expansion of urban environments. Efficiency and economic value are significant elements of our products and services. The company develops customized solutions for its clients at all stages of the construction process.

As one of the leading companies in the German construction industry, Wayss & Freytag Ingenieurbau AG has been engaged in the planning, construction and execution of technically sophisticated buildings in all fields of engineering for nearly 140 years. From tunnelling to bridge construction - the company has continued to develop innovative solutions for civil engineering projects. Wayss & Freytag engineers have also made significant contributions to the development of mechanized tunnelling.



Responsibility for Humans and Nature.

We create a safe and inspiring environment for our employees to develop their skills, enabling them in turn to contribute to the further development and growth of our organization.

Health and safety is a top priority. We are committed to the continual improvement of our performance in health and safety not only for all our employees and subcontractors but for everyone involved in our activities, including the general public. Safe projects are successful projects.

Economic success and responsible action go hand in hand. Therefore, corporate social responsibility and sustainability are our daily commitment. Wayss & Freytag Ingenieurbau AG works according to applicable standards for quality management and the protection of the environment and strives to achieve the highest safety standards. Safe working conditions throughout the entire construction process, minimizing CO₂ emissions and developing suitable sustainable solutions are essential issues.

In 2003, Wayss & Freytag Ingenieurbau AG implemented a code of conduct, which obliges every employee to work fairly and respectfully with partners and suppliers always taking into account our responsibility to the society and the environment.



NORTHERN AREA Hamburg, Berlin

CENTRAL AREA Dusseldorf

SOUTHERN AREA Munich, Stuttgart

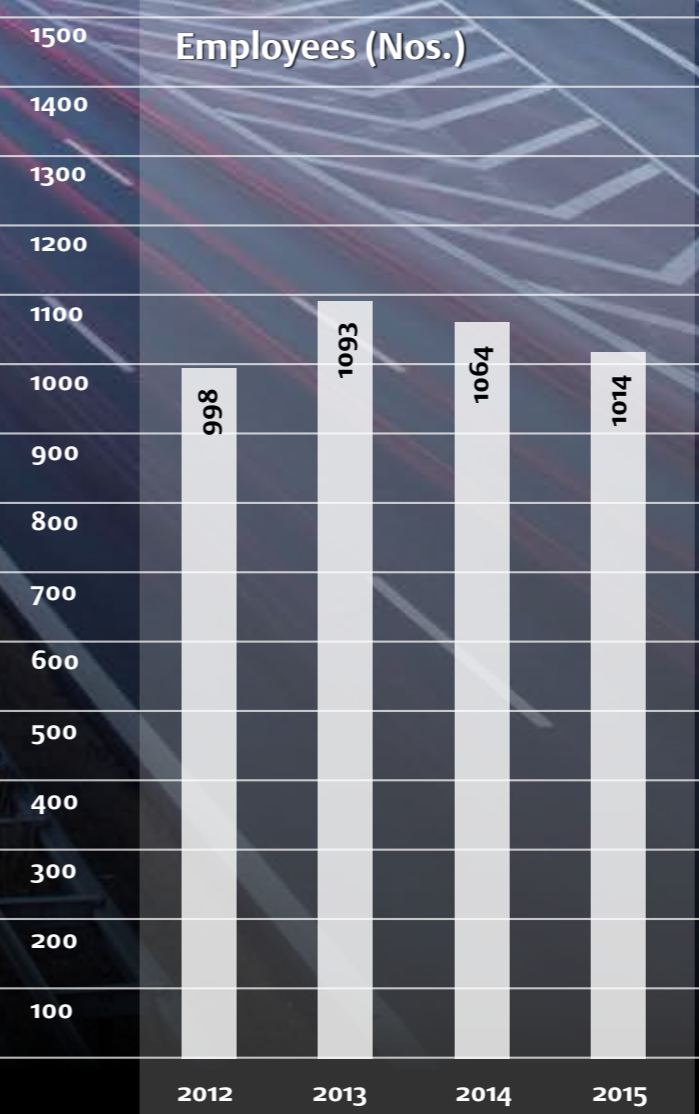
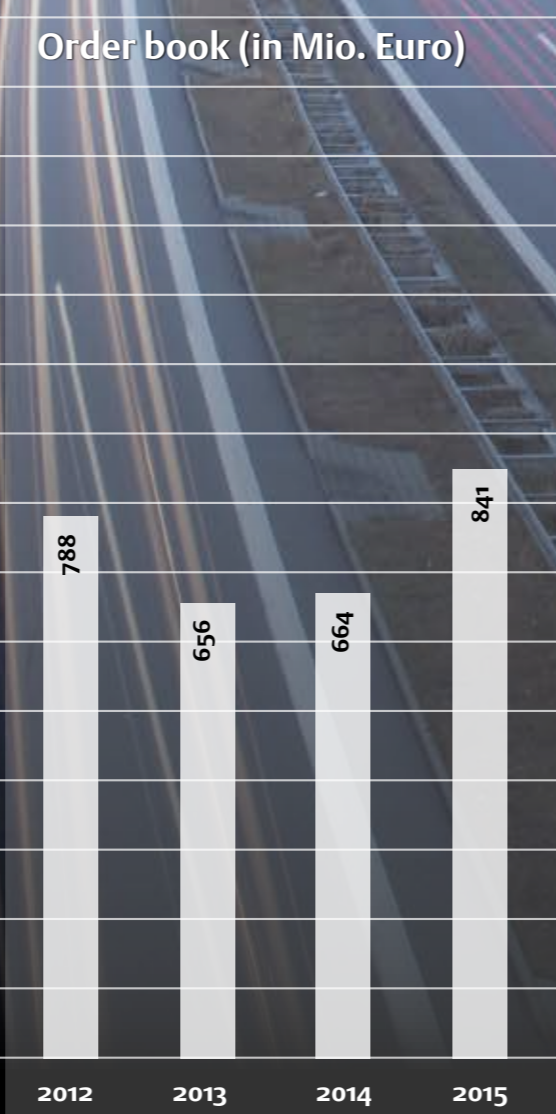
TUNNELLING DIVISION Frankfurt

SPECIAL FOUNDATION Dusseldorf, Hamburg, Berlin

**ENVIRONMENTAL TECHNOLOGY/
PRESERVATION OF STRUCTURES** Frankfurt



Facts and Figures.



Core Competencies.

Demanding Structural Work

Hotel Breidenbacher Hof; Extension building Maximilianeum, Bavarian State Parliament, Munich; Conversion Museum Koppersmuhle, Duisburg; Eurogate, Duisburg; New construction of Karstadt Department Store Lubeck; Berlin Central Station; Federal Chancellery Berlin; Klinikum Stuttgart; Königsbau-Passagen Shopping Center Stuttgart; Terminal 2, Munich Airport; Main Airport Centre, Frankfurt Airport; Victoria House, Düsseldorf; Uptown Munich; Seminar Centre Thyssen-Krupp, Düsseldorf; Production Building Daimler-Chrysler, Dusseldorf.

Railway Construction

Lehrte Rail Station, Berlin; ICE Intercity Airport Frankfurt am Main; Berlin Inner Ring BA 81 S21 - Berlin; Stadium Rail Station Fröttmaning, Munich; retained-cut structures for rail section Lübeck – Hamburg; railway new construction section 2.3, Siegburg; Metro Maracaibo (Venezuela).

Road and Bridge Construction

BAB Ag; Bridge Heerdter Dreieck; Datzequerung; Gablenzbridge; Rehbockanlage Leverkusen; Multi-storey Car Park Messe Stuttgart; Motorway A 8 Augsburg-Munich; Road bridge Kiel-Holtenau; junction construction BAB A 19/A 20; Gablenz Bridge; A6 Overfly; Rhine Bridge Rheinfelden; Hopfenbach Bridge, Hessen; Vorlands Bridge, Kehl; Lahn Bridge, Fachbach; Auerbachstrasse Bridge, Stuttgart; Radegast Valley Bridge; Datze Crossover; Engelsee Bridge, Stuttgart; Bridge BW 788h, Nuremberg; Galgenberg Bridge, Regensburg; Geratal Bridge, Ichtershausen.

Industrial Construction

EBS Power Station Bernburg; Power Station Hamburg-Moorburg Power Station; Hamburg-Tiefsack Power Station; Hard-coal Power Station Datteln; Ship Assembly Hall Stralsund; TA Salzbergen; TREA Breisgau; EVZA Strassfurth; Waste-to-energy plant Rothesee Line 1 to 4; Site Intermediate Store Lingen / Emsland; Wastewater Pump Station Berlin-Aldershof; Fuel Element Reservoir Farm, Isar Nuclear Power Station; Material Digestion Tank, Grosslappen, Munich; Waste-to-energy Plant Weissenhorn; Underground Car Park Rhein Harbor, Dusseldorf; Parking Level Bosch, Abstatt.

Conventional Tunnelling (NATM)

Darmsheim Tunnel; Gemeinschaftskraftwerk Inn (A) (Joint Power Station at the River Inn); Reconstruction of suburban train station under Dortmund Main Station; Klaus Tunnel String 2nd Tubes Lots 4+5, (A); Gleinalmtunnel (A); Construction of the new Sylvensteinspeicher Seepage Water Tunnel; Tunnel Schuman-Josaphat (B); Rennsteigtunnel, Thuringia; Tunnel Brandkopf-Lohmeberg, Thuringia; Durchmesserlinie Los 3.1 Zurich (CH); Tunnel Silberberg, Thuringia; Tunnel Stafelter, (Lux); Koralmtunnel, Lot 1, (A); Tunnel Roppen, (A); Tunnel Henndorf, (A); U6 Stuttgart; Lilienbergtunnel (A); Hengsbergtunnel, (A); Uetlibergtunnel, (CH); Tunnel Grouft, (Lux); Vienna Metro U2/2 Taborstreet, Wien (A); Headrace Tunnel Glendoe, Scotland (UK); Dortmund Ostentor Light Railway; Tunnel Tridel (CH); CERN Nuclear Research Centre, Geneva (CH).

DEMANDING STRUCTURAL WORK

RAILWAY CONSTRUCTION

ROAD AND BRIDGE CONSTRUCTION

INDUSTRIAL CONSTRUCTION

CONVENTIONAL TUNNELLING (NATM)



Core Competencies.

Mechanized Tunnelling

Eppenbergtunnel (CH); Large-scale project Emscher Sewerage Tunnel, BA 30; Corrib Pipeline Tunnel (IRL); Sluiskil Canal Crossing (NL); Limmern Access Tunnel I (CH); New Coal-Fired Power Plant, Wilhelmshaven; Weinbergtunnel, Sections 3.1 and 3.2 Zurich (CH); Liefkenshoek Rail Link, Antwerp (B); New Central Services Tunnel for Brunsbüttel Lock; Diabolo Project (B); Durchmesserlinie Zurich, Lot 3.2, Zurich (CH); Cologne North-South Railway; Forth tube Elbtunnel; Hubertustunnel (NL); Channel Tunnel Rail Link (GB); Katzenbergtunnel; Oenzbergtunnel (CH); Munich Metro, Line 3 North, Section 2; Heinenoordtunnel (NL); Botlektunnel (NL); MRT Metro Singapore; Antwerp North-South Link ASDAM (B); SMART Tunnel Kuala Lumpur (Malaysia); Metro Line West Lot 5, Station Gern and tracks (CH).

Cut-and-Cover Tunnels

Europagarten Tunnel Frankfurt; Tunnel Widderstall; Mittlerer Ring Süd-West (MRSW) (Middle Ring South-West) Tunnel – Luise-Kiesselbach-Platz, Munich; Kö Tunnel TP 1.2, Dusseldorf; Kö Tunnel TP 20 Tunnel North South, Dusseldorf; Kö Tunnel Ramp North West TP 4, Dusseldorf; Kö Tunnel Ramp North West TP 8.9, Dusseldorf; Tunnel Project Extension Middle Ring Southwest, Munich; Metro station and metro tunnels U1 and U3 Olympia-shopping center, Munich; City Tunnel Leipzig, Lot A and C; Berlin Inner Ring; U6 North Garching - Research Center; Trough building, Norderstedt; Trough building Sonnenweg, Hamburg.

Special foundation

Sewage Canal, Emscher; Ship Lock Brunsbüttel; Substitute construction dive culvert; Tunnel Kö Bogen, Dusseldorf; Mater Stop Box, Metro Dublin, Ireland; Second Lock Waaslandhaven, Netherlands; Turnkey deep building pit Haus AEGI, Hannover;

Headquarter Südzucker, Mannheim; U4 metro storage depot with turning system, Hamburger Hochbahn AG; Stuttgart, Daimler Benz AG, Mettingen Factory; Pipe canopy and injection, tunnel under “Kaufhof an der Kö” department store in Königsallee (Kö), Düsseldorf; Fürth, Regnitzbridge; HWS Nahe Bretzenheim / Langenlonsheim; Luxemburg, Viaduct Pulvermühle.

Stadiums and Arenas

Arena Auf Schalke, Gelsenkirchen; Baltic Stadium Rostock; AWD Arena, Hanover.

Environmental Services

Safety facilities for US embassies/consulates in Frankfurt am Main, Munich, Warsaw, Vienna; restoration work on the Römer and Paulskirche, Frankfurt am Main; drinking water tanks for Hessewasser, Praunheim; land reclamation Nathan Hale Depot, Darmstadt, renovation of drainage facilities US Army Depot, Giessen.

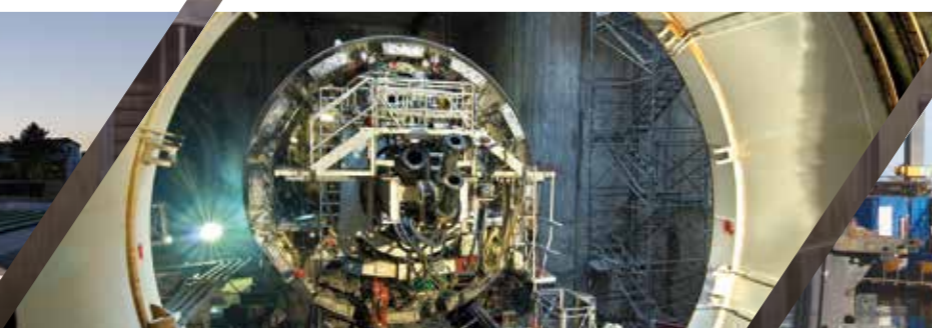
Marine Works

Harbour head Neuss; Lake Phoenix, Dortmund; Reverse operation Isar Canal Unterföhring, Munich; Havel-Oder Waterway, ship lift Volkswerft Stralsund; Weser Lock; Cruise and Ferry Terminal Kiel; staging Kiel-Holtenu; dolphin piles North Sea - Baltic Canal; excavation pit Holzhafen Lot 2; loading pier PEQUIVEN, Venezuela; staging Kiel-Holtenu; Offenbach Lock; Extension of ship lift Stralsund; Heidelberg Lock.

ENVIRONMENTAL SERVICES



MECHANIZED TUNNELLING



MARINE WORKS



SPECIAL FOUNDATION

