



Klaus Grewe

Principal Senior Programme Management Advisor

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Expertise overview

- Member of the German Commission to change the approach to major projects, Reformkommission Bau von Großprojekten
- OECD Advisor Working Group on Private Investment in Infrastructure: Infrastructure Risk Treatment and Moving Beyond the PPP
- OECD Advisor Mexico City New Airport Procurement
- OECD Advisor Extension Suez Canal
- Highly experienced in delivering successful multi-disciplinary major projects
- Highly experienced in working on international major projects
- Exceptional programme management skills, Risk and procurement
- Exceptional understanding of stakeholder demands and public involvement
- High knowledge Contract Management (NEC3- UK- VOB Germany), Risk, Cost and time management
- Proven Health and Safety track record
- Strong experience in High Speed Tunnelling and TBM Tunnelling

Related projects and experience

Advisor German Government, Member of Commission major projects, implementing international Programme Management, Risk, Cost and Time management, Procurement

Advisor OECD Risk Management and major projects programme Management

Implementation Risk and Programme Management Airbus Defence and Space, Roche and Hamburg Overground.

5 years Senior construction and design integration manager ODA/CLM London 2012 Olympic games and 5 years projects like North London Line and Tottenham Court road upgrade.

Over 20 years' experience in major projects construction and design coordination, fit out and design management. Projects include 7 years new build Berlin main station, 2 years St.Gotthard Base Tunnel. 4 power plants and actual advisory for the 20bn DC power transmission project in Germany.

Development and lead of the entire Hamburg 2024 Olympic bid programme management handbook. Co-Development and realisation of the London 2012 Project Delivery Management and Procurement System. Advisor German Government Programme Management major projects.

Responsible for the stakeholder involvement BMW new plant development Mexico, Coordination of the 3rd party's interests into the Integration management London 2012 Olympics games and the stakeholder management Hamburg 2024 Olympic bid.

Coordination interfaces Integration management and Programme Controls London 2012, development master schedule Hamburg 2024, development Risk Management Stuttgart 21. Advisor Risk Management German Government

Over 25 experience years in leading major projects in UK and Europe without major incident.

Projects include the Berlin Main station underground sections, 4 cut and cover tunnels in Berlin, 1 TBM tunnel in Berlin and the successful electrification bid and following consultancy St.Gotthard Base Tunnel. Member of the BTS.

Employment experience

Senior Programme Manager/ Senior Advisor

PRESENT from 2013 Jacobs, Consultant, Programme Management –Advisory UK, Europe, Mexico,Egypt £60bn+

Member OECD Working Group ITF WG on private investment in transport infrastructure: Dealing with uncertainty in contracts

OECD Advisor, new Airport Mexico City £6bn

OECD Advisor , Suez Canal Economic Zone £10bn

German Ministry of Transport, Member Government Commission change approach to major projects

Advisor Implementation Project Management Divača–Koper 2nd track Slovenia £1bn

City of Hamburg, Hamburger Hochbahn, Senior Advisor & Stakeholder Management New Underground line 5 in planning £4 to 8bn
 Hamburg Port Authority, Senior Advisor & Stakeholder Management Westhafen & Finkenwerder approx. £1bn
 Stuttgart 21 new build High speed Railway Station, Advisory board, Euro 6.3bn
 ABB and Swedish Rail , Assessment X 2000 Project in Sweden Euro 1bn
 TENNET DC Power lines (German no nuclear power programme) advisor Euro 40bn++
 Hamburg 2024 Olympic bid, Senior Programme Manager, direct reporting to the mayor, Euro 11.2bn
 Roche Diabetes Care , Implementation Programme Management, Risk and Time Management £ 1bn
 Airbus Defence and Space , Implementation Programme Management, Risk and Time Management
 Swiss Rail. Advisory Programme Management
 Czech Infrastructure Organisation, Presentation Advisory Programme Management
 German Ministry of Transport, Member Government Commission major projects, Introduction NEC3

BMW new plant Mexico, Senior bid manager Jacobs, successful bid, £400m
 TfL Gate reviews, senior programme manager Jacobs, DLR and Victoria Line
 OECD, Advisor Programme and project Management, Workshops in Paris and Rom
 UKTI, Advisor for German affairs
 Germany, Switzerland, Austria and Brazil, Presenting the successful London 2012 Programme Management

Senior Project Manager

2012-2013 Laing O'Rourke, Bond Street Station upgrade and CrossRail Station £250m
 Interface Management. Responsible for the coordination of the LUL and CrossRail projects.
 Senior Bid Manager, Laing O'Rourke Cross Rail slap track bid

Integration Senior Project Manager

2007-2012 CLM (Laing O'Rourke) London 2012 Olympic Games £6.3bn
 Programme Management. Responsible for the interface coordination of all projects (Infrastructure – Venues; Design - Construction) within the Olympic Park to assure that all projects achieve Interface and Completion Milestones within budget Point of contact for all related design and Town Planning Issues as also third party and ODA issues.

Consultant Senior Project Manager

2006-2007 Hornagold and Hills £1bn
 Responsible for the development of a construction strategy for the major TFL projects north London Line and Tottenham Court Road.

Senior Project Manager

2006 Balfour Beatty Rail SFr 1.3bn
 53km electrification and track works bid for St Gotthard Basic Tunnel, Switzerland. Successful Bid Manager responsible for the development of the detailed programme, design & construction strategy and estimating overhead and time related costs.

Deputy Construction Director

1993-2006 Strabag AG Germany Euro 500m+
 Construction of the largest High Speed European Railway Station in Berlin / Germany. Responsible for the entire design & construction co-ordination, programme management, cost control and claim management and design co-ordination. Construction of a 25km high speed railway line, inclusive track and all infrastructure works (bridges, tunnels, embankments etc.). Responsible for the entire construction co-ordination.

Project Manager / Site & Design Manager

1983-1993 Trapp GmbH Germany Euro 20-100m
 Overtaken by Strabag in 1993. Refurbishment and new build of underground station, Potsdamer Platz Berlin. New build underground maintenance depot. Tunnel Lot 4 Line 7 Berlin TBM Tunnelling / Caissons. Tunnel Motorway North Lot 5 Berlin cast (roof) and dig. Tunnel Lot 8 Line 7 Berlin Cut and cover. Bridge City Motorway Lot 1 Berlin pre-stressed structure. Power station – Filter Unit Berlin. Tunnel Motorway North Cut and cover. Responsible as Design & Site Manager for construction progress, cost and programme control and employee co-ordination.

Professional memberships and qualifications

Diplom Ingenieur hc – Similar to British MSc (Civil Engineering), Member of the BTS

Education

Federal Railway Office Germany

2005 Performance Reference for “*Diplom Ingenieur*” (Civil Engineer) which is similar to MSc (Eng) and UK Chartered Engineer by the federal Transport Ministry of Germany and the Government of Berlin

Strabag AG

1994 Appointed to level of “*Projektleiter*” (Project Manager) broadly equivalent to MSc in the UK

F.C.Trapp GmbH:

1990 Appointed to level of “*Bauleiter*” (Design and Construction Manager) which is equivalent to BSc in the UK

Fachzentrum der Bauindustrie:

1985/87 Formal training as a foreman (86-87) and as a carpenter (85-86)

Languages

- English
- German – Mother tongue; French basic

Publications / Presentations

- 2005 Der Ingenieurbahnhof: Klaus Grewe/Bernd Timmers A Feat of Engineering; this 200 pages book documents the Lehrter Bahnhof project in Berlin.
- 2013 Professional Guest at TV Talk show Gunther Jauch, Prime time TV
- Since 2013 several articles in newspapers and broadcasts
- Over 100 public presentations promoting UK Excellence in Project management and the NEC3

Status/ Hobbies

- Married, 3 children 14,11,9, permanent settled in the United Kingdom
- Theatre, Playing the piano, Volleyball

References

- Dr. Rüdiger Grube; Ex Chairman German Rail: ruediger.grube@deutschebahn.com ;0049 16097461100
- Dr.Christoph Krupp, Secretary of state Hamburg; christoph.krupp@sk.hamburg.de; 0049 428312015
- Jerome Frost, OBE, Director Arup, jerome.frost@arup.com; 020 77554214; 0044 7825007364
- Ian Galloway, Director, Capital Delivery, National Grid; ian.galloway@nationalgrid.com; 020 30236344
- Lee Holmes, Principal, Jacobs; lee.holmes@jacobs.com ; 0044 7948554396
- Dr. Wolfgang Eckart, Officer German Transport ministry; Wolfgang.eckart@bmvi.bund.de; 0049 1830024

