

Global Project Quality Infrastructure

Commissioned by the German Federal Ministry for Economic Affairs and Energy (BMWi), the Global Project Quality Infrastructure (GPQI) facilitates political and technical dialogues to promote the development of well-functioning and internationally coherent quality infrastructures.

Together with some of Germany's key trading partners, issues of mutual interest and concern are identified and discussed, engaging a wide range of stakeholders and experts, including business associations, individual companies and specialised organisations in the areas of standardisation, conformity assessment and accreditation, as well as market surveillance authorities.

Sino-German Cooperation on Quality Infrastructure

Trade between Germany and China has been growing continuously over many years and China pursues a comprehensive agenda of rapid industrial and economic development. Numerous technical barriers still affect trade between both countries, however, both governments have committed to reducing such barriers to further strengthen trade.

The project guides the Sino-German cooperation on a well-functioning and coherent quality infrastructure which plays a vital role in safeguarding and improving the quality of traded goods. Key industries of the dialogues are IT and communications, mechanical and plant engineering, the automotive industry, electrical engineering and consumer products.

Please scan the QR-Code to get to know more about the project.



FENESTRATION BAU China

The Fenestration BAU China trade fair focuses on high-quality design, planning, and construction, offering an industry-wide platform tailored to meet the needs of the Chinese market. National and international exhibitors present their building products, materials, and services in conjunction with sustainable urban development, establishing a strong focus on quality.

Messe München

Messe München is one of the largest trade fair companies worldwide organising and holding international flagship trade shows and conventions, as well as hosting guest events, annual general meetings and corporate events including conferences and trainings in various locations.

Please scan the QR-Code to download the presentations of this event and to get further information about Fenestration BAU China.



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Expert Talks on Standardisation and Certification: Quality Infrastructure for a Green Construction Industry

How can Quality Infrastructure
– Certification and Standardisation –
improve Sustainability in the Building
Sector and of Construction Materials?

Introduction of Key Speakers



Mr. Zhang Jin is project leader of the Guojian Lianxin Certification Center. He is responsible for research on policies and standards of green manufacturing systems in the field of building materials, as well as the promotion of energy conservation and emission reduction projects. His area of expertise covers the development of the green factory evaluation standards. Among others, this includes drafting the green factory evaluation guidelines for the cement industry and for refractory products.



Mr. Jiang Quan works as a chief engineer for the China Building Material Test and Certification Group and is the director of the Green Product Certification Institute. Mr. Jiang's long-term research focuses on green building material evaluation and certification. He oversees the implementation regulations of China Green Product Certification (building materials) and is responsible for several national scientific research projects as well as standardisation.



Mr. Rüdiger (Roger) Otto is owner and general manager of the construction company A. Otto & Sohn GmbH & Co. KG. Since 2014 he serves as Executive Vice President and Treasurer of the German Construction Confederation. Starting his career as a Master Bricklayer, he quickly broadened his background voluntarily working for the Craftmen's Guild District Bergisches Land and the Chamber of Skilled Crafts Cologne (Vice President). Through his career, Mr. Otto gained a comprehensive picture of the construction industry – from an entrepreneurial and regulatory point of view.



Mr. Jan Hoehne is Vice President of Products Accreditation and Certification, Asia-Pacific and Greater China TÜV Rheinland China since 2013. His experience covers industrial machinery business including testing and certification of e.g. heavy industrial construction, plastic and woodworking machinery and mechanical products as well as inspection and consultation services. From 2009 to 2011, he acted as section manager and certifier of commercial products and machinery. His academic background is mechanical engineering, production and organisation.

Agenda

Time	Morning Session
09:30	Opening Remarks Dr. Reinhard Pfeiffer, CEO, Messe München, Chairman of the Board, MMU BAU Fenestration Co., Ltd. Mr. Wolfgang Trautwein, Counsellor (Economic Affairs), Embassy of the Federal Republic of Germany Beijing Ms. BO Yumin, Director General, Certification and Accreditation Administration of the PRC (CNCA)
09:50	Establishment and Assessment of Green Factories in Building Materials Industry Mr. ZHANG Jin, Project Manager, Guojian Lianxin Certification Center
10:20	Latest Developments in China's Green Building Materials Policies, Standards and Certifications (China Green Product Certification) Mr. JIANG Quan, Chief Engineer, China Building Material Test & Certification Centre (CTC)
11:00	The Public Procurement of Construction Works in Germany Mr. Rüdiger (Roger) Otto, Vice President, German Construction Confederation (ZDB)
11:30	Introduction to Energy Efficiency Requirements for Green Buildings Mr. Jan Hoehne, Vice President, Products Accreditation & Certification, Asia-Pacific and Greater China TÜV Rheinland China
14:00 Afternoon Session	
14:20	European Advocacy and Communication for Precast Concrete Mr. Alessio Rimoldi, Secretary General, Federation of the European Precast Concrete Industry (BIBM)
14:50	Multifunctional Precast Concrete Elements – More than Heating and Cooling Mr. Thomas Friedrich, CEO, Innogration GmbH
15:20	Disruptive Innovation: 3D-Printing and Manufacturing Trends of Tomorrow Prof. Dr.-Ing. Dirk Lowke, Full Professor, Institute of Building Materials, Concrete Construction and Fire Safety (iBMB), Technical University of Braunschweig
15:50	Green Technologies in Insulative Building Materials – Re-Thinking Heat Transfer Wolfgang Bonder, CEO, MIG mbH

Introduction of Key Speakers



Mr. Ing. Ir. Alessio Rimoldi is Secretary General of BIBM, the Federation of the European Precast Concrete Industry. In his position since 10 years, Mr. Rimoldi is the spokesperson of the precast sector towards the European institutions (Commission, Parliament and Council), CEN (the European standardisation body) as well as other transnational stakeholders. He embraces a broad knowledge of the policies affecting the European industry in the fields of sustainable construction, circular economy and the internal market and holds a double degree in Mechanical Engineering at both the Politecnico di Milan, Italy, and the Free University of Brussels, ULB, Belgium.



Mr. Thomas Friedrich is the CEO and founder of Innogration GmbH. He has served as a lecturer for solid construction at TU Kaiserslautern since 2008. He graduated as chartered civil engineer from RWTH-Aachen University in 1976 and has been awarded a scholarship from the German National Academic Foundation. After his postgraduate studies at ETH-Zurich, he worked as a project engineer at Stahlton/BBR in Zurich, where he started up his engineering office, Domostatik, in 1988.



Prof. Dr.-Ing. Dirk Lowke is an expert in colloidal interactions, rheology, processing and durability of concrete as well as the technology of high performance concretes and additive manufacturing. In 2017 he was appointed full professor at the Institute of Building Materials, Concrete Construction and Fire Safety (iBMB) of the Technical University of Braunschweig in Germany. He focused on research in the field of 3D-Printing with cement based materials as research scholar at the University of California Berkeley, USA. From 2006 to 2017 he served as the head of concrete technology at the Centre for Building Materials at the Technical University of Munich in Germany.



Mr. Wolfgang Bonder has over 40 years of experience in the construction chemicals industry across the world. Trained as a materials testing professional and concrete engineer, he worked his way up through a series of positions from laboratory tester, R&D Assistant, R&D Manager to Production Director and Executive Director at various international companies including Woermann GmbH (now BASF), ISOLA Building Chemicals in Bahrain and the RMC Group (both are part of CEMEX Admixtures today) in the 1980s and 1990s, before co-founding MIG Material Innovative Gesellschaft mbH in 2001, based in Salzkotten, Germany.