



Book Early and
SAVE up to 300USD

Tunnel and Underground China 2013

China's Premier Tunnel and Underground Event

Dec.5-6, Shanghai China

Tapping into Promising Tunnel Field in China



280

PARTICIPANTS

70+

ONE-TO-ONE
MEETINGS

50+

EXHIBITION
SHOWCASING

30+

SPEAKERS

10+

NETWORKING
HOURS



Please scan and
join our WeChat here.

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CDMC EVENTS

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www.cdmc.org.cn/2013/tuc

China Railway Tunnel Survey & Design Institute



Tunnel and Underground China 2013

Dec. 5-6 | Shanghai China

Day One, December 5th

0800 Registration Desk Opens

0855 Chairperson's Opening Remarks

S I: Master Plan of Tunnel and Underground

0900 China Tunnel And Underground Space Development Master Plan
Zhang Yan, General Secretary, **China Civil Engineering Society**

0930 Tunnel Sector To Benefit From South East Asia Economic Growth
Olivier Vion, Executive Director, **International Tunnelling and Underground Space Association (ITA)**

1000 Future Trend And Development Of Leading Design Concept
Matt Sykes, Director And UKMEA Leader For Tunnel Design, **Arup**

 1030 Coffee Break

1100 Thermal Tunnel Segments: A Case Study On How This Can Lower Carbon Footprint
Kari J. Korhonen, President, **Finnish Tunnelling Association (FTA)**

1130 *Sponsor Opportunity*

 1230 Luncheon

S II: Showcasing Best Practice and Case Studies

1400 Optimising Contractor Involvement: Assessing Station Projects And What The International Tunnelling Sector Can Learn From Crossrail
Chris Dulake, Chief Engineer, **Crossrail**

1430 Overcoming Obstacles In Tunnel Construction In Asia: To What Extent Should Contractors And Designers Be Targeting This Growing Region?
Dato' Azhar Abdul Hamid, CEO, **Mass Rapid Transit Corporation SDN BHD, Malaysia**

1500 Evaluating The Opportunities Presented By Metro Projects In India: A Case Study On The Chennai Metro Project – Managing Difficult Ground Conditions
Thiru R. Ramanathan, Project Director, **Chennai Metro Rail Limited, India**

 1530 Coffee Break

1600 Updates On Ela Mountain Projects Movements And Requirements
TBA

1630 The Emscher Project: Assessing What Can Be Learnt From This Large Micro-Tunnelling Project
Klaus Rieker, Managing Director, **Wayss And Freytag**

1700 Analyzing Project Procurement: How Should Projects Be Secured And Managed To Ensure Success?
Stephen Dance, Head Of Infrastructure Delivery, **Infrastructure UK**

1730 Panel Discussion: Balancing The Role Of The Owner, Designer And Contractor: Where Could Efficiency Be Improved?
+ **Alan Myers**, Chief Civil Construction Engineer And General Manager XRL Terminus, **MTR Corporation, Hong Kong**
+ **Stig Eriksson**, Senior Technical Advisor, **Skanska, Sweden**
+ **Gerald Skalla**, Managing Director And Partner, Dr Sauer & Partners, **United Kingdom**
+ **Werner Bruderer**, Sales And Marketing Director, **Amberg Engineering, Switzerland**
+ **Randall Essex**, Exec. Vice President – Tunnels Practice, **Hatch Mott Macdonald, USA**

1800 End of Day One



Tunnel and Underground China 2013

Dec. 5-6 | Shanghai China

Day Two, December 6th

0830 Registration Desk Opens

0855 Chairperson's Opening Remarks

S III: Underground-construction Technological Innovation

0900 Update The Latest Urban Tunnelling Techniques
Wang Mengshu, Vice Chief Engineer, **China Railway Tunnel Group Co., Ltd.**

0930 Deep Tunnel Sewerage System (DTSS) For The Next 100 Years In Singapore
Khoo Teng Chye, Chief Executive, **PUB**

1000 Mountain Tunnelling Technology Innovation
Zhuo Xingjian, Vice President, **China Railway Tunneling Equipment Co.,Ltd, Design and Research Institute**

 1030 Coffee Break

1100 TBM Selection Procedures For Different Soil/Rock Conditions
Shi Zhenchun, Permanent Deputy Commander, **China Railway Construction 18th Bureau Group Co., Ltd**

1130 Optimising TBM Operation To Avoid Settlement Problems At The Surface: Evaluating Experiences From Various Tunnel Projects
Davor Simic, Head Of Geotechnical Area, **Ferrovial Agroman**

1200 Steel Fibre Reinforced Concrete: How Can Design Rules Be Clarified?
Colin Eddie, Managing Director, Underground Professional Services, **Morgan Sindall**

 1230 Luncheon

S IV: Safety, Maintenance and Investment Focus

1400 Report On A Metro Station's Emergency Of Deep Foundation Pit
Chou Yunbin, Managing Director, **Changsha Urban Rail Transit Project, China Railway Eryuan Engineering Group CO., Ltd.**

1430 Fire Safety And Ventilation Design For Long And Immersed Tunnels
Jan Eirik Henning, Senior Engineer, **Norway Highway Bureau**

1500 Tunnel Fire Warning Practices And New Refractory Materials Application
Shi Yuxin, Survey and Design Master, **3rd Railway Survey and Design Institute Group Corporation**

1530 Tunnel Inspection, Maintenance And Subsidence Countermeasures In Shanghai Metro Operation
Wang Rulu, Deputy General Manager & Chief Engineer, **Shanghai Metro Operation Management Center**

 1600 Coffee Break

1630 Key Technologies on Ground Water Treatment in Design and Construction
TBA

1700 Applying Data Management System to Tunnel Risks Detection and Control
Sponsor Opportunity

1730 Handling Technical And Construction Contract Risks
Zhong Shihang, Researcher, **China Academy of Railway Sciences**

1800 Best Practices In Funding Investment
TBA

1830 Closing Remarks & End of Day Two

INVITATION LETTER

Dear Colleagues,

If you want evidence that China is rapidly ascending to the top of the world economy look no further than its infrastructure projects: Chinese officials are planning the world's longest, expensive and most ambitious undersea tunnel ever.

China has become the world's largest tunnel and underground space market. In the period of 2011-2015, China will conscientiously implement all policies and measures to expand domestic demand and promote economic development. In 2013, China will build the world's largest high-speed rail network, of which more than 50% of high-speed rail tunnel; 8 undersea tunnels are under planning and construction. Construction technologies have reached world banner level. Chinese large scale construction of highway and rail tunnel, urban rail transit, undersea tunnel will lead enterprises in the field developing in leaps and bounds. View from the market segmentation, metro tunnel and railway tunnel construction will be prosperous!

Mountainous terrain makes up 70% of China's total area. The eastern coastal mountainous regions, central hilly areas and more complex western basins and highland areas have always been the focus of construction.

If you are interested in the project updates and opportunities in the tunnel and underground industry, you should be at this event. Make sure you are informed of the latest trends in the Chinese tunnel and underground market and understand where the smart money is headed. With the important speakers, strategic topics and non-stop networking on the agenda, the conference will address the most critical industry issues affecting your performance objectives in China and globally and will aim to help you gauge the pulse of this dynamic industry and stay abreast of the most advanced tunnel and underground technologies.

We look forward to welcoming you and your party!

Beth Zhang
Conference Manager
Organizing Committee of Tunnel and Underground China

VIPS YOU WILL MEET AT TUC 2013:



China Merchants Chongqing Communications Research & Design Institute Co., Ltd.



Shanghai Tunnel Engineering & Rail Transit Design and Research Institute



Shanghai Underground Space Architectural Design & Institute



Beijing Urban Engineering Design & Research Institute Co Ltd.



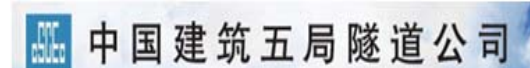
Shanghai Municipal Engineering Design Institute Group Co., Ltd.



China Railway Tunneling Equipment Co., Ltd



China Railway Tunnel Survey & Design Institute Co., Ltd.



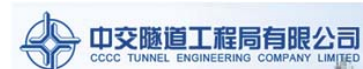
China Construction 5th Engineering Division Co., Ltd



Bridge & Tunnel Engineering Co., Ltd. of CCCC First Highway Engineering Co., Ltd.



China Railway Tunnel Group



CCCC Tunnel Engineering Co., Ltd.



Shanghai Urban Construction Design & Research Institute

EVENT STRUCTURE

Day One Plenary

5 December AM

Session One: Master Plan of Tunnel and Underground

Con-current
One on One Meetings

Coffee Break &
Exhibition Visiting

5 December PM

Session Two: Showcasing Best Practice and Case Studies

Con-current
One on One Meetings

Coffee Break &
Exhibition Visiting

Awards Ceremony & Gala Dinner (Sponsor Reserved)

Day Two Plenary

6 December AM

Session Three: Underground-construction
Technological Innovation

Con-current
One on One Meetings

Coffee Break &
Exhibition Visiting

6 December PM

Session Four: Safety, Maintenance and Investment Focus

Con-current
One on One Meetings

Coffee Break &
Exhibition Visiting

WHO SHOULD ATTEND

Sector

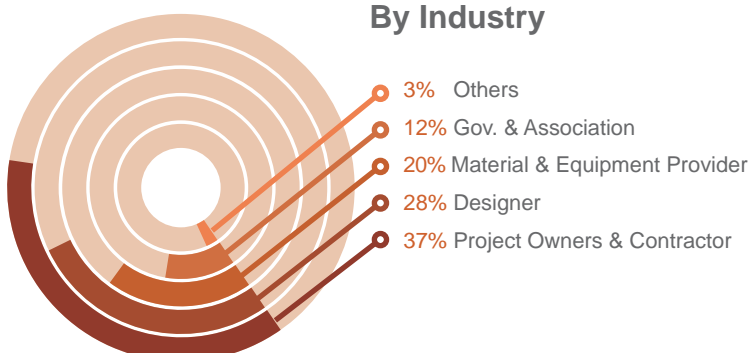
- Municipality or owner of tunnelling project
- Tunnelling contractor
- Tunnel designer
- Micro-tunnelling specialist
- TBM manufacturer
- Roadheader manufacturer
- Industry consultant
- Tunnelling specialists and service provider
- Surveying system provider
- Geotechnical specialist
- Design Software Investment Banking

Position

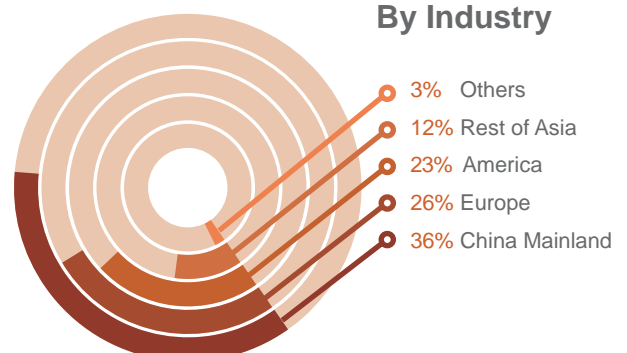
- Chairman / President / VP
- CEO / Managing Director / General Manager
- Chief Operating Officer
- Chief Technology Officer
- Chief Engineer
- Strategic Development Director
- Business Development Director
- Marketing / Sales Director
- Purchasing Director
- Investor and banker
- Engineering / legal / financial Consultant

PARTICIPANTS BREAKDOWN 2013

By Industry



By Industry



REVIEW OF CDMC RAILWORLD SUMMIT (RWS)

"Again this year, the Railway Summit was both a great platform for the sponsors and networking opportunity for the participants. CDMC always puts on a good show." (2012)

— Oravit Hemachudha, Deputy Director General, Traffic and Transportation Department, Bangkok Metropolitan

"This excellent international event with its forward-looking topics exceeded my expectations. Such conferences will play a key role in promoting the sound development of the railway industry in Asia." (2011)

— WANG Fuzhang, Party Secretary, Electronic Science and Technology Research Institute, China Academy of Railway Science

"Very well-organized conference with a pleasant atmosphere! I greatly appreciated the good networking platform the conference provided." (2009)

— Malcolm Gibson, Head of Project Engineering, MTR Corporation Ltd.

"The China Railway Summit 2008 will definitely contribute to the acceleration of China's railway development and be beneficial to both the economy and society" (2008)

— LI Guoyong, Deputy Director-general of Transportation, National Development and Reform Commission, PRC

PARTIAL ATTENDEES AT RWS 2012

- ABN Amro
- Akzo Nobel
- ADIF
- Alstom Transport China
- Ansaldo STS
- Areva -TD
- Bochumer Verein
- Bombardier Transportation
- Bureau Veritas
- Bossard China
- BAE Systems
- Caterpillar
- CLSA
- Credit Suisse
- DEPFA Investment Bank Ltd,
- Deutsche Bank AG
- DNV
- ECMT
- ELIOP
- Ernst & Young
- Eurotech Finland Oy
- FIREMA Transport
- Fortis Bank
- Freudenberg-Schwab
- Fuji Electric
- HALFEN
- Heitkamp Rail Gmbh
- Hierrosy Carbones, S.A.
- HSBC
- HSH-Nordbank AG
- HUBNER
- IBM
- IFC
- IFE
- IMS Tunnel Consultancy HK
- ITT Cannon (HK)Ltd.
- ISOCLIMA SPA
- JBIC
- Kawasaki Heavy Industries Ltd.
- Kazakstan Railways
- KfW Banking Group
- kfw IPEX-BANK
- Kowloon Canton Railway Corp.
- Lucchini Sidermeccanica SpA
- Macquarie Securities Asia Ltd
- Niles-Simmons-Hegenschei
- Ove Arup Partners HK Ltd.
- Pipavav Railway Corp., Ltd
- RVNL
- SAFOP SPA
- Saft Power Systems Group
- Samsung SDS
- Schaffler&Associates Pty Ltd
- SECHERON
- Shalom Engineering Corp.
- SMRT Engineering Pte. Ltd
- SMS MEER GmbH
- TUV
- Veolia Transport

SPECIAL THANKS TO OUR SERIES SPONSOR



WHY YOU SHOULD EXHIBIT AT TUC 2013?

- Capitalize on the first opportunities in China and rest of Asia;
- Reaffirm your leadership branding;
- Gain visibility and increase market awareness for new market entrants;
- Demonstrate ROI and develop key partnerships with your best prospects.

Select Your Package and Reaffirm Your Brand

Exhibitor Package	Specification	Free Tickets	Price
Tabletop	2m*2m	4	USD 6,800/ RMB 42,840
Standard Exhibition	3m*2m	4	USD 9,800/ RMB 61,740
Luxury Exhibition	3m*3m	5	USD12,800/ RMB 80,640

WHO SHOULD EXHIBIT?

Exhibitor Profile

- Tunnelling and underground space construction machinery and equipment
- Non-excavation equipment and ancillary
- Survey, security and maintenance
- Lighting technology and product
- Communication system
- Special materials
- Planning and design
- Consulting Service

Recommended Exhibitors

- BASF
- Holcim (Schweiz) AG
- Herrenknecht
- Normet
- Marti Holding AG
- Implenia
- VID Firekill
- Soilmec
- Leister

**For your options on Exhibition and Sponsorship,
please contact: Ms. Fiona Ji at +86 21 63931899 or email: tuc@cdmc.org.cn
to discuss potential partnership opportunities today.**

TESTIMONIALS AT SERIES EVENTS

"Very good experience at the event. The networking is very good. I got contacts of people that my company may do business with."

— ATKINS

"A good place to speak to industrial key players and business partners"

— SIEMENS

"Conference seems to be excellent, good opportunity to meet people from China Railway industry"

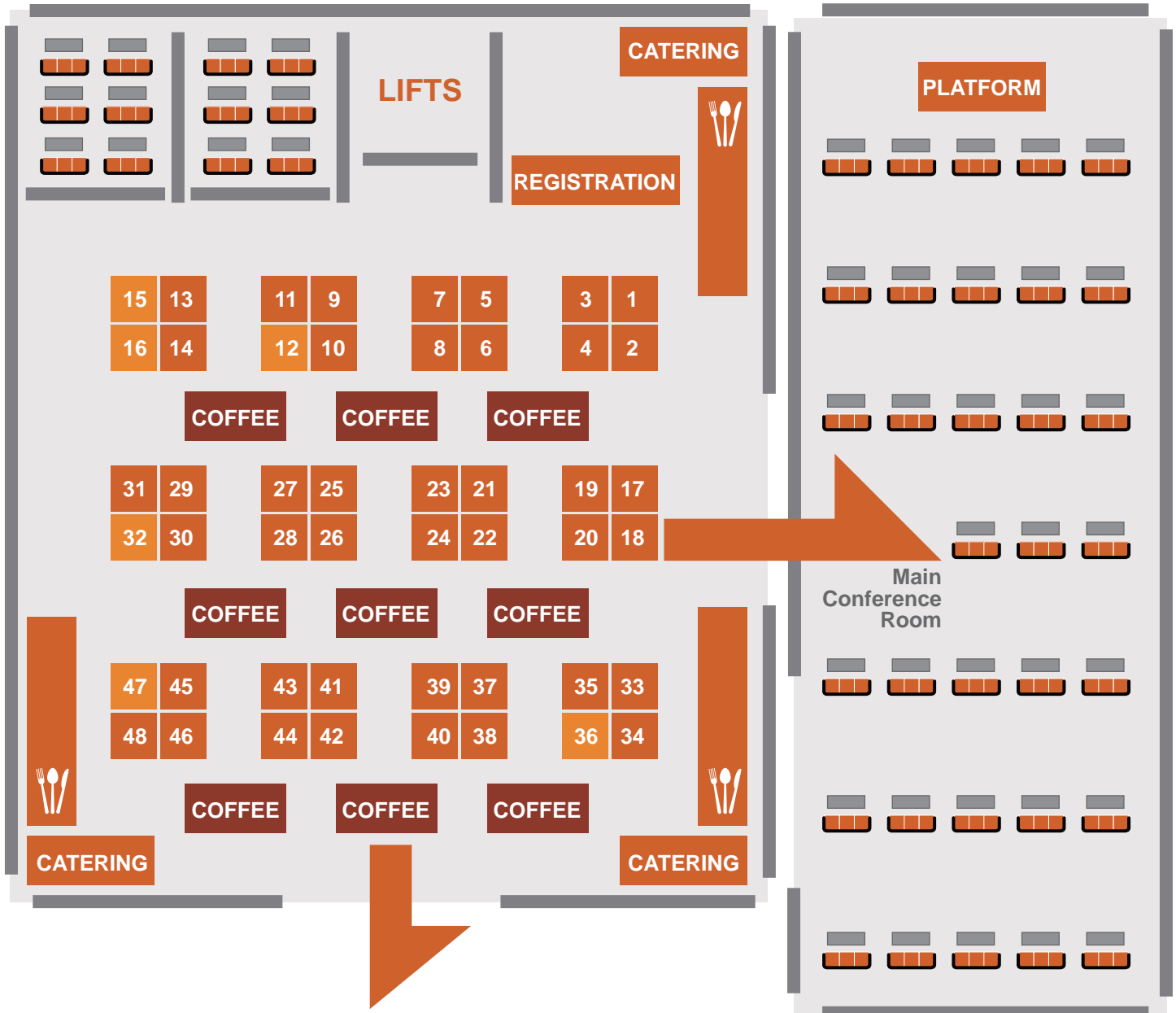
— ALSTOM

"It was a great event, a good mixture of pleasure networking and information."

— ASHIDA

REGAIN FACE TIME WITH TUNNEL AUTHORITIES AND OPERATORS

Leverage on gathering of senior decision makers from the tunnel and underground industry by exhibiting at Tunnel and Underground China 2013. Position your brand name as the market leader by showing your solutions in front of a target audience. Whether you are a new market entrant or an established industry leader, our customized sponsorship and exhibition opportunities will allow you an array of premium exposure and visibility.



One-on-One Meeting Zone

High energy 15 minute sessions held throughout the day, to make new contacts and networking with potential clients and partners.



Reserved . 6



Available . 34

1

Exhibitor Showcase

A unique opportunity to deliver product and service related information to a group of convention attendees. Ideal for sales presentations, press releases, market education and product demonstrations.

COFFEE

Refreshment Point

Distributed around the exhibition hall providing high traffic focus points for informal meetings and networking.