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ASIA 2009

Crowne Plaza, Beijing, China 北京皇家大饭店

# DIESEL EMISSIONS & ADBLUE CONFERENCE FORUM

## 2009亚洲柴油车排放论坛暨亚洲AdBlue论坛

11-12 May 五月十一日至十二日

13 May 五月十三日



Asia's largest independent forum for diesel emissions business strategy  
亚洲最大的柴油车排放企业策略论坛

- The global economic outlook for the Asian diesel emissions industry**  
What impact will the global economic crisis have on the Asian automotive and diesel emissions industries and where are the growth areas?  
**给亚洲汽车工业的全球经济视野**  
这次全球性的经济危机将带给亚洲汽车业及柴油车排放产业什么样的影响? 有哪些领域将逆势成长?
- Asian and global legislative updates and forecasts**  
What are the latest emissions regulation trends and developments in Asia and worldwide? What strategies are proven for meeting increasingly strict emissions legislation?  
**亚洲及全球的法规讯息更新及预测**  
什么是亚洲及其他世界各地最新的排放立法趋势和发展? 又, 什么策略已经证明可有效达到越趋严格的排放标准?
- Fuel quality challenges and opportunities in Asia**  
Overcoming the shortage of low sulphur fuel in Asia and addressing fuel economy challenges. What are the alternatives?  
**燃油品质挑战及亚洲的机会**  
克服亚洲低硫磺含量燃油短缺的问题并讨论燃油经济效率议题。有什么解决之道?
- Assessing advanced emission reduction technologies and on board diagnostics**  
Which are the most cost and fuel efficient technologies for meeting diesel emissions limits and how should their effectiveness be measured?  
**讨论先进的排放减量科技**  
什么是可达到柴油车排放标准又最省油, 最经济的科技?
- AdBlue infrastructure development in Asia**  
How advanced is the current AdBlue infrastructure and where does it need to be? What are the opportunities for investment?  
**亚洲的AdBlue基础建设发展**  
目前亚洲的AdBlue基础建设发展到什么阶段? 需要朝什么方向发展? 这意味着那些投资机会?

Keynote speakers include:



**MARTIN MAODONG FANG 方茂东**  
Executive Director, Committee of Vehicle Emission Control (CVEC)  
秘书长, 机动车污染防治委员会



**XU JIAN 许健**  
Vice President, Volkswagen Group China  
副总裁, 大众汽车中国



**KIRAN VAIRAGKAR 奇让发拉戈卡尔**  
General Manager, Mahindra & Mahindra Ltd., India  
总经理, 马亨德拉汽车公司, 印度



**RUDI VON MEISTER 万如意**  
General Manager  
Iveco Fiat China Co. Ltd., China  
大中华区总经理, 依维柯中国



**ZHANG JIANRONG 张建荣**  
Deputy Chief Engineer, Sinopec, Research Institute of Petroleum Processing, China  
副总工程师, 中国石化石油化工研究院



**KARL-HEINZ KUSTERMANN**  
卡尔-汉兹·库斯特尔曼  
Vice President, Engineering, BMW China  
工程副总裁, BMW中国



**DR PAUL GREENING 保罗格瑞宁博士**  
Director Emissions & Fuels, ACEA - European Automobile Manufacturer's Association  
排放和燃油部主任, 欧洲汽车制造商协会



**PETER CARRACHER 彼得卡拉克尔**  
Technical Director, Iveco, China  
科技总监, 上汽依维柯红岩商用车公司

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Register now: [www.integer-research.com/DECAsia](http://www.integer-research.com/DECAsia)

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Hosted by:

## Embracing change and driving success in the Asian diesel emissions industry

In 2008 over 260 delegates attended the first DEC Asia, including senior decision makers, engineering and powertrain specialists, leading AdBlue suppliers and legislative experts. Following in its success, this year's conference will be hosted in Beijing. China is the largest truck market in Asia with a total production of over 900,000 units in 2007. The Diesel Emissions Conference & AdBlue Forum is designed to make your job easier by giving you a comprehensive understanding of today's operational challenges and tomorrow's business opportunities in a relaxing and welcoming atmosphere.

### New legislation, new business opportunities

Despite the economic slowdown, new diesel emissions legislation is driving big business opportunities for truck and bus OEMs, catalyst producers, engine makers and emissions control suppliers in Asian markets. In Beijing you will meet a selection of expert speakers who have direct experience in the diesel emissions market – their specialist areas range from national and international emissions regulations, emission reduction technology and diesel fuel quality to AdBlue infrastructure, development and after-treatment technologies.

### Building a sustainable AdBlue supply network

As the AdBlue market continues to evolve in Asia, many important questions are being raised about building a sustainable infrastructure, maintaining realistic prices and delivering, monitoring and enforcing AdBlue. The AdBlue Forum, which takes place on the 13th May, is dedicated to discussing these important issues whilst also gaining an insight into other fast growing AdBlue markets around the world.

We look forward to seeing you again in May,

Yours sincerely,



Amy Woolmer

General Manager Conferences  
Integer Research

在2008年，有包括资深企业决策者，工程及动力系统专家，领先的AdBlue供应商，和立法专家等超过 260位产业人士出席了第一届的亚洲柴油车排放论坛。中国是亚洲最大的卡车市场，2007年的卡车总生产量超过九十万辆，这场在北京举行的柴油车暨AdBlue论坛，旨在让你的工作更容易，透过轻松和愉快的气氛，提供你深入的现今市场挑战及明日的商业机会剖析。

尽管，全球经济不景气，新的排放法规正为亚洲的卡车及巴士生产商，催化剂制造商，发动机生产商以及其他零件供应商带来新的商机。在北京的会议上，你将见到许多专家主讲人，在诸多重要的柴油车排放议题上提供他们亲身的经验，从国家和国际的排放法规，柴油燃油品质，AdBlue基础建设，动力系统发展到后处理科技。2009亚洲柴油车排放论坛预期将吸引更多的亚洲产业人士出席，他们出席，因为希望掌握产业发展脉动，跟面临相同问题的同业相互交流，最终进一步完善能维持获利同时改善效率的企业策略。

当亚洲的AdBlue市场持续成长，许多重要的问题如建立健全的基础建设，维持实际的价格，并且供应，监测及确实使用AdBlue正逐渐受到重视。十三日的AdBlue论坛正是为了讨论这些重要的议题而举行，同时增加对其他快速成长的AdBlue市场的了解。

我们期待五月和你再次相见。

祝 安好！

会议部总经理

吴爰咪

### 11-12 May, Diesel Emissions Conference Asia 亚洲柴油车排放论坛

- LATEST DIESEL EMISSIONS LEGISLATIONS – learn about the latest developments in Asian diesel emission regulation by meeting directly with key legislators.
- INSIGHTFUL DIESEL FUEL QUALITY DISCUSSIONS – hear case studies, analysis and panel discussion from leading industry experts that will enable you to identify the crucial fuel quality issues which significantly affect diesel emissions.
- ADVANCED DIESEL EMISSIONS REDUCTION TECHNOLOGY – find out which are the most cost-effective and fuel-efficient technologies for meeting emissions limits in Asia.
- GROWING BUSINESS OPPORTUNITIES – discover investment opportunities in Asian markets for diesel emissions reduction equipment which continue to grow despite the global economic slowdown.
- EXCELLENT NETWORKING OPPORTUNITY – network with Asian truck manufacturers to better evaluate the opportunities for increased sales.
- 最新的柴油车排放法规——了解最新的亚洲柴油车排放法规发展，透过与立法者的直接会面。
- 精辟的柴油燃油品质讨论——听权威的产业专家深入的个案研究，分析及座谈讨论，以了解与柴油车排放息息相关的燃油品质议题。
- 先进的柴油排放减量技术——认识最省成本且最省油的科技，以符合新的亚洲柴油车排放标准。
- 不断成长的商机——找出亚洲市场中有关柴油车排放减量的设备与技术的商机。
- 极佳的产业交流机会——与亚洲的卡车与乘用车的生产商见面交流，发掘增加销售及建立合作关系的机会

### 13 May, AdBlue Forum Asia 亚洲AdBlue论坛

- ADBLUE PRICING AND COST – find out how the price of AdBlue is forecast to change in Asia and what this will mean for your business.
- ADBLUE SUPPLY NETWORK – learn about the challenges of building a sustainable AdBlue supply infrastructure in Asia.
- ADBLUE QUALITY – find out how the quality of AdBlue will be monitored and enforced in Asia.
- ADBLUE定价与成本 – 深入了解影响AdBlue市场与投资的因素
- ADBLUE供应网路 – 听最新的建立AdBlue供应网路的发展
- ADBLUE品质 – 通悉AdBlue品质在亚洲如何被控制与保障

Simultaneous translation English/Chinese available at the conference 会议将提供同步传声英/中文翻译



## What did delegates of the Diesel Emissions Conference Asia 2008 say?

*'Great source of latest industry trends to address emission challenges – possibly the best'*

“是掌握产业潮流以因应排放减量挑战的很棒的管道——说不定是最好的”

**Continental Corporation** 德国大陆集团

*'Very good and useful for further business development'*

“非常好，对未来的生意发展非常有用”

**Tata Motors** 塔塔汽车

*'Many topics have been involved. Voices came from almost all the key players in the area. That is great!'*

“很多重要议题都被涵盖了。几乎所有业界重要的公司都出席了，这是很棒的！”

**Dongfeng Motor Co. Ltd.** 东风汽车

*'It's a good opportunity for China to get to know EU emission standards....and share lessons learned from Europe and Japan experience'*

“这对中国是瞭解欧洲排放标准非常好的机会…并分享来自欧洲及日本经验的教训”

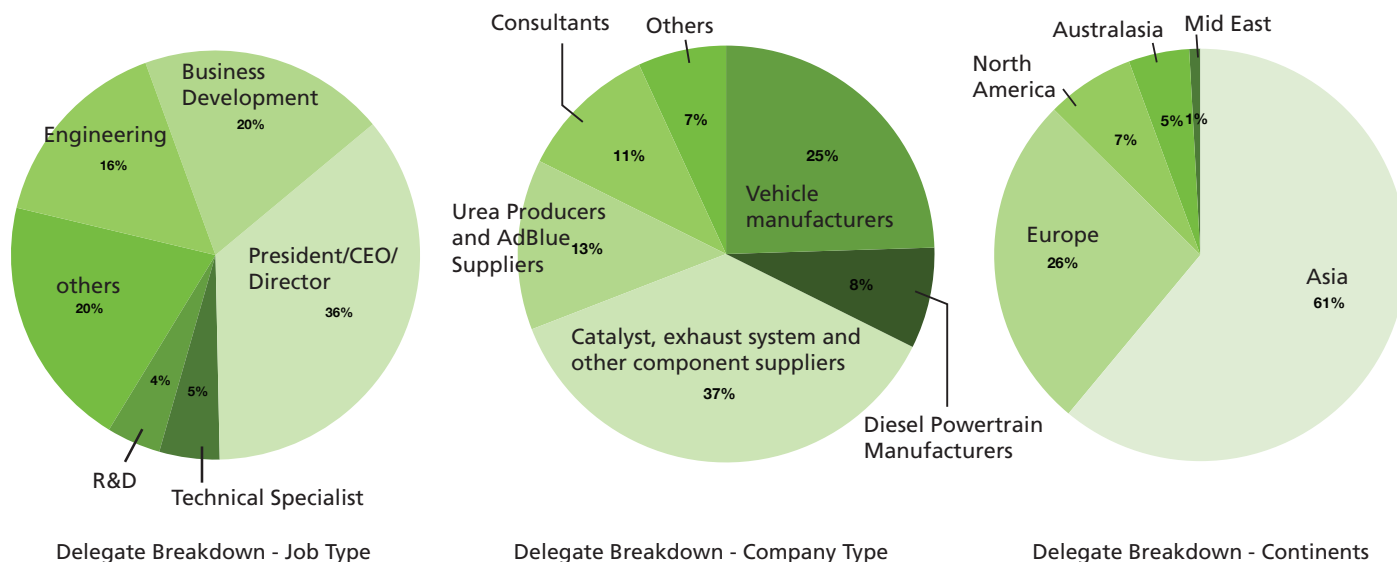
**Eaton Truck China Operations** 伊顿中国卡车

## Who should attend?

Anyone involved in diesel emissions business including:

Truck manufacturers	卡车制造商
Diesel powertrain manufacturers	柴油车传动系统制造商
AdBlue suppliers	AdBlue 供应商
Catalyst & automotive components suppliers	催化剂及汽车零件供应商
Exhaust system and retrofit suppliers	废气排放系统及柴油车改造技术供应商
Oil companies and fuel distributors	石油公司及燃油经销商
Standards organizations & NGO/NPOs	排放标准相关组织（非政府或非营利）
Traffic, transportation & environmental authorities	主管交通、运输及环境的政府单位
Road transport & logistics companies	道路运输及物流公司

## 2008 Visitor Demographics



Day One | Monday 11 May

**Session 1** China's commercial vehicle industry and diesel engine technology trends

09:00 – 09:10 Introduction by Integer Research Ltd

09:10 – 09:20 Chairman's introduction

09:20 – 09:50 **China's commercial vehicle industry trends: past, present and future**

- Understand how China's CV industry is going to experience a degree of sophistication which the passenger car industry has experienced in the previous decade
- Identify future CV market expectations and development of price, quality, fuel economy and service network.
- How Iveco is able to respond to all China's CV market changes through its joint ventures in China



**RUDI VON MEISTER**  
General Manager  
Iveco Fiat China Co. Ltd., China

09:50 – 10:20 **Case study**  
**Diesel engine technology trends in the global commercial vehicle market**

- Converging paths of commercial vehicle development in North America and Europe
- Diesel engine applications in China's CV market: understand regulatory environment, available technologies, infrastructure issues and customer application diversity challenges
- Implications for China: actions in North America and Europe and development of diesel engine technology in China's CV market



**DARYL SIMON**  
Managing Director  
Paccar China

10:20 – 11:00 Networking break in the exhibition area

**Session 2** Emissions legislation trends and development in Asia and worldwide

11:00 – 11:30 **Diesel vehicles in China: fuel efficiency, air pollution and greenhouse gas emissions**

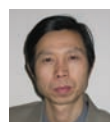
- Trends in vehicle growth and diesel consumption in China
- Growth in air pollutant and greenhouse gas emissions from diesel vehicles in China
- An overview of policies, strategies and equipment available for improving fuel efficiency and reducing diesel emissions
- Case study: how trucks in the USA achieve fuel efficiency and emissions reduction and the implication for China



**SOPHIE PUNTE**  
Executive Director  
CAI-Asia, Philippines

11:30 – 12:00 **An insight into the latest emission reduction legislation in China from the government perspective**

- What are the government policy goals shaping the current emissions legislation?
- Analysing the feasibility of planned emission reduction regulations in China
- The road ahead for the government's emission legislation planning



**FANG MAODONG**  
Executive Director  
CVEC (Committee of Vehicle Emission Control)  
Secretary General  
CATARC (China Automobile Technology and Research Center)

12:00 – 12:30 **Proven strategies for meeting Euro IV & Euro V emissions standards**

- A look back at the challenges of meeting Euro IV standards and effective strategies
- Euro V implementation and regulation
- Preparation and next steps for Euro VI

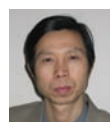


**DR PAUL GREENING**  
Director Emissions & Fuels  
ACEA – European Automobile Manufacturer's Association, Belgium

12:30 – 13:50 Networking luncheon

13:50 – 14:30 **Legislators' Q & A Panel**

Emissions legislation issues affect every aspect of the heavy duty truck industry. This panel provides you with an opportunity to put your questions on the latest legislation developments in Asia to a panel of global policy makers.



**FANG MAODONG**  
Executive Director  
CVEC (Committee of Vehicle Emission Control)  
Secretary General  
CATARC (China Automobile Technology and Research Center)



**LI KUNSHENG**  
Director  
Vehicle Emission Management Center,  
Beijing Municipal Environmental Protection Bureau, China



**SOPHIE PUNTE**  
Deputy Executive Director  
CAI-Asia, Philippines



**DR PAUL GREENING**  
Director Emissions & Fuels  
ACEA – European Automobile Manufacturer's Association, Belgium



**Session 3 Fuel quality and challenges posed to the automotive industry in Asia**

**14:30 – 15:00 Case study: Diesel fuel consumption and trends in China**

- The status of the diesel fuel market in China
- What are the significant fuel quality requirements for vehicle emissions reduction
- Diesel fuel specifications
- Diesel fuel quality and availability trends in China



**ZHANG JIANRONG**  
Deputy Chief Engineer  
Sinopec, Research Institute of Petroleum Processing, China

**15:00 – 15:30 Case study: Indian initiatives for introduction of clean diesel for improving air quality**

- Diesel fuel consumption and the government taxation policy in India
- Discussing the supply of Euro IV equivalent diesel fuel from 2010 and opportunities for the introduction of new engine technologies in the Indian market
- Analysis of emissions reduction benefits from biodiesel fuel blends



**ANAND KUMAR**  
Director of R & D  
Indian Oil Corp, India



**DR. R. K. MALHOTRA**  
Executive Director  
Indian Oil Corp, India

**15:30 – 16:10 Networking break**

**16:10 – 16:40 Case study: The application of SCR technology in Yuchai diesel products**

- Understand the huge difference in fuel quality and vehicle driving cycle between the Chinese market and European and North American markets.
- How can you better adapt to the Chinese market? Yuchai's research in high sulphur fuel and NOx converter efficiency at low exhaust temperatures



**DR. LIANG FENG**  
Vice Chief Designer  
Guangxi Yuchai Machinery Company Ltd., China

**16:40 – 17:20 Panel discussion: Tackling Asia's shortage of high quality fuel**

Sufficient supply of high quality fuel is an essential component of any strategy to reduce diesel emissions and meet new standards. What are the best options for HDV OEMs and diesel engine and equipment manufacturers to remain competitive in Asian markets? How can businesses deal with high quality diesel fuel shortage and what is the potential of biodiesel as an alternative?



**JIAN XU**  
VP  
Volkswagen Group China



**ZHANG JIANGRONG**  
Deputy Chief Engineer, Project Leader  
Sinopec Research Institute of Petroleum Processing, China



**DR. FENG AN**  
President & Executive Director  
Innovation Center for Energy and Transportation (iCET)

**17:20 – 17:30 Chairman's closing remark**

**18:00 – 20:00 Cocktail Reception**

**Day Two | Tuesday 12 May**

**Session 4 Successful experiences of SCR diesel vehicles in Europe and Asia**

**09:00 – 09:10 Chairman's Introduction**

**09:10 – 09:40 Keynote Presentation: Experience with SCR in diesel-engined commercial vehicles**

- An overview of SCR and other technological alternatives to meet Euro IV emissions limits
- Integration of SCR systems into truck packaging and key solutions
- Infrastructure questions posed by fuel quality and AdBlue supplies
- Commercial benefits and operational realities



**PETER CARRACHER**  
Technical Director  
Iveco-SAIC Motor, China

**09:40 – 10:10 Daimler's after-treatment experience and the use of Diesel Particulate Filters**

- A successful story for exhaust gas after-treatment system implementation
- The development path and on-road performance and durability of Daimler's emission control systems



**DR. MANFRED SCHUCKERT**  
Senior Manager, Business Environment,  
Commercial Vehicles  
Daimler AG

**10:10 – 10:40 Case study: BMW diesel vehicle technologies' contribution to emissions reduction**

- BMW's targets and requirements for emissions reduction
- BMW SCR technology to meet US Tier2Bin5
- NOx-storage cats to meet EU6
- Summary and an outlook of diesel engine development



**KARL-HEINZ KUSTERMANN**  
Vice President Engineering  
BMW China Automotive Trading Ltd

**10:40 – 11:20 Networking break**

**Session 5** The application of diesel oxidation and SCR catalyst technology in Asian markets

**11:20 – 11:50 Case study:**  
**The evolution of diesel emissions control strategy: the combination of DOC (diesel oxidation catalyst), DPF and SCR**

- Why tighter emission standards has introduced the use of diesel oxidation catalyst for the first time
- Identify the importance of fuel quality in meeting new emissions standards
- How to meet future emission standards: the combination of DOC, DPF and SCR



**FRANCO BONELLO**  
 Deputy Director  
 Fiat Powertrain Technology Shanghai R & D Center, China

**11:50 – 12:20 Current AdBlue development in Asia and its impact on SCR technology performance**

- How to understand the current Asian AdBlue market and forecast future demand
- Why AdBlue suppliers in Asia are going to encounter tougher conditions
- The impact of AdBlue quality on SCR technology performance



**KIM HUAT LOW**  
 Director  
 Yara Asia, China

**12:20 – 12:50 The SCR catalyst portfolio for Asian diesel emissions markets**

- What SCR catalyst products are needed for Asian markets?
- Different SCR catalyst requirements in China, India, Korea and Japan
- What future SCR catalyst technologies are in development?



**DR. PHIL BLAKEMAN**  
 Technical Manager  
 Johnson Matthey, China

**12:50 – 14:10** Networking luncheon

**Session 6** Diesel emissions reduction experience for heavy-duty vehicle operators

**14:10 – 14:40 Case study:**  
**The exhaust gas after-treatment system: Further reduction of NOx emissions and fuel consumption**

- Discussing the progress in developing advanced diesel emission aftertreatment technology
- Identifying ways to achieve higher reliability and lower fuel consumption
- Challenges for diesel emissions aftertreatment catalysts
- NOx reduction technology for meeting low emission standards



**MICHAEL BAYER**  
 Manager Technical Sales Engines & Components  
 MAN Center Australia/Pacific, Australia

**14:40 – 15:10 Case study:**  
**CO2 emissions reduction: scenario & approaches in India**

- CO2 emissions reduction norms and regulations
- Road map to achieve CO2 emissions reduction
- How do you produce heavy-duty vehicles for the Indian market? Not only improve air quality but also reduce CO2 emissions.



**KIRAN VAIRAGKAR**  
 General Manager  
 Mahindra & Mahindra Ltd, India

**15:10 – 15:50** Networking break

**Session 7** Proven effective diesel engine technologies for emissions reduction

**15:50 – 16:20 Case study:**  
**Cummin's SCR technologies for meeting Euro IV and Euro V emissions in China**

- Discussing Cummins' diesel engine technologies to achieve Euro IV and Euro V levels of emissions
- How Cummins has developed all necessary sub-system technologies whilst ensuring the lowest total cost
- Cummins' advanced diesel engine technology combined with SCR after-treatment as the right technology for Euro IV and Euro V



**JONATHON WHITE**  
 Chief Engineer  
 Cummins Inc. East Asia, China

**16:20 – 16:50 Case study:**  
**Challenges and opportunities for the SCR vehicle market in Korea**

- An introduction to Doosan's new Euro IV heavy-duty diesel engines with SCR systems
- Discussing effects of SCR systems on fuel economy
- Addressing anti-timpering of Urea-SCR system
- Predicting future development issues: SCR systems for petrol engines



**DONG-IN LEE**  
 Research Fellow/Managing Director  
 Engine R&D Center, Doosan Infracore, Korea

**16:50 – 17:20 Panel discussion**  
**Progress and opportunities of SCR & EGR -**

SCR and EGR are two key technologies used for diesel emissions reduction, but which is more suitable for Asian/ Chinese markets? This panel will discuss the challenges and benefits of using both and provide you with answers on profitability, fuel efficiency and future trends.



**MICHAEL BAYER**  
 Manager Technical Sales Engines & Components  
 MAN Center Australia/Pacific, Australia



**AMIT SOMAN**  
General Manager of Emerging Emissions Business  
Cummins Inc. East Asia, China



**KIRAN VAIRAGKAR**  
General Manager  
Mahindra & Mahindra Ltd, India

- 17:20 – 17:30 Chairman’s closing remark
- 18:00 Conference ends
- 19:00 Networking dinner and evening entertainment

## Day Three | Wednesday 13 May

### Session 1 Asia’s AdBlue market development and investment opportunities

- 09:00 – 09:10 Chairman’s Introduction
- 09:10 – 09:40 **Opening keynote**  
**Key drivers of AdBlue investment in Europe and the implications for Asian markets**
  - An overview of the current AdBlue market in Europe
  - How you can profit in Asian markets by learning from European development
  - Understanding the AdBlue market structure and how it will determine the price and profitability in Asia



**TIM CHEYNE**  
Managing Director  
Integer Research Ltd., UK

- 09:40 – 10:10 **Case study: Developing AdBlue in an emerging market – the Air1® story so far in Australia & New Zealand**
  - Laying the foundation: market education and the initial “AdBlue toolbox ”
  - Analysis of various route-to-market strategies
  - Factors affecting AdBlue supply and sustainability for the Australasian market



**MARK RIDINGS**  
Industrial Business Manager  
Yara, Australasia

- 10:10 – 10:40 **Case study: Identifying the investment areas for storage, pump and meter equipment for AdBlue in major Asian markets**



**ALISTAIR WALLACE**  
Editor, AdBlue Monitor  
Integer Research Ltd., UK

- 10:40 – 11:20 Networking break in the exhibition area

### Session 2 AdBlue markets and legislations in Asia

- 11:20 – 11:50 **Maintaining AdBlue quality**
  - Understand AdBlue quality standards in Asia and why it is difficult to meet them
  - How to maintain the integrity of the AdBlue supply chain?
  - Storage of AdBlue
  - How does material compatibility affect AdBlue quality?



**STIG UHLEN**  
Project Manager  
Carbon Alliance, Australia

- 11:50 – 12:20 **Practical application of AdBlue on diesel engines in China**

- Yuchai’s experience of producing AdBlue for diesel vehicles in China: how to meet quality standards
- Understand the AdBlue supply model of bus companies and other diesel fleets in China
- The test result of diesel engines using AdBlue



**TAO ZEMIN**  
Senior Engineer  
Guanxi Yuchai Machinery Ltd., China

- 12:20 – 13:00 **Panel discussion**  
**AdBlue market development in China/Asia**

- SCR is accepted as the key technology to meet new diesel vehicle emissions standards in Asia. This panel will discuss how the essential Asian AdBlue market has developed in terms of quality and availability. Plus, a look at storage equipment, on-board diagnostics and quality standards.



**Moderator:**  
**TIM CHEYNE**  
Managing Director  
Integer Research Ltd., UK



**PETTER STENSAKER**  
Sales Director  
WEMA System AS



**LI KUNSHENG**  
Director  
Vehicle Emission Management Center,  
Beijing Municipal Environmental Protection Bureau, China



**STIG UHLEN**  
Project Manager  
Carbon Alliance, Australia



**TAO ZEMIN**  
Senior Engineer  
Guanxi Yuchai Machinery Ltd., China

- 13:00 – 14:30 Networking luncheon and exhibition viewing

第一天 | 五月十一日

讨论主题 1 中国商用车产业及柴油引擎科技趋势

09:00 - 09:10 英特杰开场致辞

09:10 - 09:20 会议主席开场致辞

09:20 - 09:50 **主题演讲**  
中国的商用车产业发展趋势：过去，现在和未来

- 瞭解为何中国的商用车工业将面临乘用车工业十年前已经历的产业升级变化
- 指出未来商用的市场期望，价格发展，燃油经济及服务网络
- 依维柯如何透过在中国的合资公司应付所有中国商用车市场变化



万如意  
大中华区总经理  
依维柯

09:50 - 10:20 **个案研究：**  
全球商用车市场的柴油引擎科技趋势

- 发展路径渐趋一致的北美与欧洲商用车业
- 中国商用车市场的柴油发动机应用：瞭解法规环境，现有科技，基础建设议题，顾客应用分歧的挑战
- 给中国的启示：北美及欧洲的发展以及中国商用车市场的柴油发动机技术发展



达瑞尔赛门  
执行总监  
帕卡集团中国

10:20 - 11:00 与会者交流时间

讨论主题 2 亚洲及世界各地排放立法趋势与发展

11:00 - 11:30 **柴油车在中国：燃油效率，空气污染以及温室气体排放**

- 中国的机动车成长及柴油消耗趋势
- 中国空气污染物的成长和来自柴油车的温室废气排放
- 降低柴油车排放的现有政策，企业策略及设备
- 个案研究：美国的卡车如何达到燃油效率及排放减量，以及带给中国的启示



索菲·庞特 (SOPHIE PUNTE)  
执行总监  
亚洲主动净化空气组织，菲律宾

11:30 - 12:00 **中国最新排放法规分析与立法趋势——政府观点**

- 当今中国排放法规及政府规画考量
- 分析中国排放标准及法规依时程实施的可行性
- 谈未来政府排放立法规画



方茂东  
秘书长  
机动车污染防治委员会，中国

12:00 - 12:30 **达到欧四与欧五排放标准的最佳可行策略**

- 欧洲经验— 为符合欧四标准的准备与最佳策略
- 欧五法规及其他步骤
- 排放法规实际执行与下一步的欧六法规



保罗·葛瑞宁博士 (DR PAUL GREENING)  
排放与燃油部门主任  
欧洲汽车制造商协会，比利时ACEA

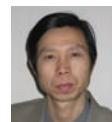
12:30 - 13:50 午餐时间

13:50 - 14:30 **与立法者的问答座谈**

- 排放法规议题对汽车工业至为重要，该座谈邀集立法者及相关政策官员，与产业界人士面对面直接讨论亚洲和其他地区影响产业的相关立法发展。



李昆生  
处长  
北京市环保局机动车排放管理处处长



方茂东  
秘书长  
机动车污染防治委员会，中国



索菲·庞特 (SOPHIE PUNTE)  
执行总监  
亚洲主动净化空气组织，菲律宾



保罗·葛瑞宁博士 (DR PAUL GREENING)  
排放与燃油部门主任  
ACEA 欧洲汽车制造商协会，比利时

14:30 - 15:00 与会者交流时间

讨论主题 3 亚洲燃油品质与汽车工业面临之挑战

14:30 - 15:00 **中国的柴油燃油消耗及趋势**

- 中国的柴油燃油市场分析
- 什么是最重要的机动车排放减量燃油品质要求
- 详细的柴油燃油说明
- 中国柴油燃油品质及供应量趋势



张建荣  
副总工程师  
中国石化石油化工科学研究院，中国

15:00 - 15:30 **印度政府促进干净柴油使用以改善空气品质的政策诱因**

- 柴油燃油消耗情况以及印度柴油税政策
- 讨论2010后符合欧四标准柴油的供应，及引进新引擎科技的机会
- 在柴油燃油中混合生化柴油降低排放的正面效果



安南库玛尔  
研究中心主任  
印度石油公司，印度



马尔何传博士  
执行主任  
印度石油公司，印度



15:30 – 16:10 与会者交流时间

16:10 – 16:40 个案研究：  
玉柴柴油产品的SCR科技技术应用

- 瞭解中国及北美与欧洲市场的燃油品质和机动车驾驶循环的重大区别
- 如何更适应中国的市场条件？玉柴在高含硫量的燃油研究及低温氮氧化物转换器效率的研究



梁锋博士  
副总设计师  
广西玉柴机器，中国

16:40 – 17:20 座谈：亚洲高品质燃油短缺的因应之道

- 充分的高品质燃油供应是降低柴油车排放的重要关键，然而，对于重型汽车、柴油发动机和柴油设备制造商，面对高品质燃油短缺的情况，什么是他们达到排放标准同时维持市场竞争力的最佳策略？此外，讨论以生化柴油为替代能源解决高品质燃油短缺的可行性。



许健  
副总裁  
大众汽车中国



张建荣  
副总工程师  
中国石化石油化工研究中心，中国



安锋  
总裁兼执行总监  
能源与交通创新中心，中国

17:30 – 20:00 鸡尾酒会

10:10 – 10:40 个案研究：  
BMW柴油车科技对降低污染排放之贡献

- 谈BMW的柴油车排放减量科技
- BMW的SCR科技如何达到美国Tier2Bin5标准
- 利用NOx存放催化剂达到欧六标准
- BMW柴油发动机未来的技术发展策略



卡尔-汉兹·库斯特尔曼 (KARL-HEINZ KUSTERMANN)  
工程部副总裁  
BMW 中国

10:40 – 11:20 与会者交流时间

讨论主题 5 柴油排放减量经验——国家个案研究

11:20 – 11:50 个案研究：  
柴油车排放控制策略之进化：结合柴油氧化催化剂(DOC)，柴油微粒捕捉器(DPF)及选择性催化还原科技(SCR)

- 为何更严格的排放标准促使了柴油氧化催化剂的使用
- 解释燃油品质在达到排放标准方面的重要性
- 如何达到未来的排放标准：结合DOC,DPF&SCR



弗兰克波纳罗  
副主任  
菲亚特动力传动科技上海研发中心，中国

11:50 – 12:20 今日的AbBlue亚洲发展之概述

- 论当今AdBlue的亚洲市场发展并预测未来市场需求
- AdBlue的制造商将面对更严格的市场条件
- 谈AdBlue在亚洲的销售网络



刘金发  
总监  
雅苒，中国

12:20 – 12:50 分析：  
亚洲柴油车排放市场的SCR催化剂组合

- 什么是亚洲市场需要的SCR催化剂产品？
- 中国，印度，韩国及日本不同的SCR催化剂要件
- 有哪些未来的SCR催化剂技术正在发展中？



贝雷克曼博士  
科技经理  
庄信万丰催化剂公司，中国

12:50 – 14:10 午餐时间

讨论主题 6 重型柴油车厂的排放减量技术经验

14:10 – 14:40 个案研究：  
废气后处理系统：氮氧化物排放进一步减量及燃油消耗

- 讨论发展先进柴油车排放后处理科技的进展
- 指出达到更高稳定性及较低燃油消耗的方法
- 达到低排放标准的氮氧化物减量科技



麦克贝尔  
引擎与零件科技销售经理  
曼集团澳洲及亚太中心，澳洲

## 第二天 | 五月十一日

讨论主题 4 欧洲与亚洲的成功的SCR经验

09:00 – 09:10 主席开场致词

09:10 – 09:40 主题演讲  
柴油商用车的SCR运用经验

- 纵观SCR技术及其他达到欧四排放标准的替代科技
- 整合SCR技术与卡车拼装系统，其他主要科技
- 燃油品质与AdBlue供应的基础建设问题
- 实际的商业益处及运作



彼得·卡拉克尔  
科技总监  
上汽依维柯红岩商用车有限公司，中国

09:40 – 10:10 个案研究：  
戴姆勒德后处理经验及DPF的使用

- 谈戴姆勒的后废气处理系统
- 戴姆勒排放控制系统的发展，表现及耐用性



曼弗列德 修克尔 (Dr. Manfred Schuckert)  
资深经理，企业环境，商用车部  
戴姆勒，德国

14:40 – 15:10 个案研究：  
CO<sub>2</sub>排放减量：印度的发展情形及运用科技

- 谈印度的CO<sub>2</sub>排放减量标准及法规
- 达到CO<sub>2</sub>排放减量的规划
- 你如何生产适合印度市场的重型柴油车？改善空气品质同时达到CO<sub>2</sub>排放减量



奇让·法拉格卡尔 (KIRAN VAIRAGKAR)  
总经理  
马亨德拉汽车公司 (Mahindra & Mahindra Ltd)

15:10 – 15:50 与会者交流时间

讨论主题 7 EGR技术在亚洲的发展与机会

15:50 – 16:20 个案研究：  
康明斯在中国达到欧四与欧五排放标准的SCR科技

- 谈康明斯达到欧司与欧五标准的柴油引擎科技
- 康明斯如何发展所有必要的次系统科技，同时保证最低成本
- 康明斯结合SCR后处理系统的先进的柴油发动机科技，作为符合欧四与欧五的对的科技



白纳川  
总工程师  
康明斯东亚区发动机事业部，中国

16:40 – 17:10 个案研究：  
SCR重型车在韩国的发展与机会

- 介绍斗山新欧四重型柴油引擎与SCR系统
- 配合欧四柴油引擎的SCR催化剂的发展
- 讨论SCR达到燃油经济的效果
- 谈反篡改侦测的尿素SCR系统



李东引  
引擎研发中心研究员及总监  
斗山英维高株氏会社，韩国

17:10 – 17:40 座谈：  
SCR与EGR技术的进展与机会

- SCR & EGR是就两个主要降低柴油车排放的科技，哪一个技术较适合亚洲市场发展？这个座谈会分别讨论使用两项技术的好处与挑战，并针对获利性，燃油经济及未来趋势提供与会者解答。



麦克贝尔  
引擎与零件科技销售经理  
曼集团澳洲及亚太中心，澳洲



阿密特索曼  
新兴市场排放事业经理  
康明斯，中国



奇让·法拉格卡尔 (KIRAN VAIRAGKAR)  
总经理  
马亨德拉汽车公司 (Mahindra & Mahindra Ltd)

17:40 – 18:00 与会者提问

18:00 会议结束

19:00 交流及娱乐活动安排

## 第三天 | 五月十三日

讨论主题 1 亚洲的AdBlue市场发展及投资机会

09:00 – 09:10 主席开场致词

09:10 – 09:40 主题演讲  
欧洲重要的AdBlue投资诱因以及带给亚洲市场的启示

- 当今AdBlue欧洲市场的面面观
- 透过学习欧洲发展经验，瞭解如何在亚洲市场获利
- 瞭解AdBlue市场结构，以及决定亚洲AdBlue价格及获利性的因素



提姆晨  
总经理  
英特杰顾问公司，英国

09:40 – 10:10 如何在新兴市场发展添蓝——至今Air1在澳洲及纽西兰的成功经验

- 建立基础：市场教育及必要的初步的添蓝工具
- 分析不同的进军市场策略
- 影响澳洲添蓝供应及永续发展的因素



马克莱丁斯  
贸易经理  
雅苒，澳洲

10:10 – 10:40 分析：  
确认AdBlue储存设备，帮浦，测量仪器等在亚洲市场的投资领域



亚力斯特瓦利斯  
编辑，AdBlue Monitor  
英特杰顾问公司，英国

10:40 – 11:20 与会者交流时间

讨论主题 2 AdBlue在亚洲的品质标准及品质维持的课题

11:20 – 11:50 如何维持添蓝的品质

- 瞭解亚洲的添蓝品质标准以及达到品质标准的困难
- 如何有效管理添蓝的供应链
- 概论添蓝的储存方式
- 在亚洲，材料相容性如何影响添蓝的品质



史提格伍伦  
专案经理  
碳联盟，澳洲

11:50 – 12:20 个案研究：  
添蓝在柴油引擎上的实际运用

- 玉柴在中国生产供柴油引擎使用的添蓝的经验：如何达到品质标准
- 中国公交车公司及其他柴油车车队使用添蓝的供给模式
- 柴油发动机使用添蓝的测试结果



陶泽民  
高级工程师  
玉柴机器



12:20 – 13:00 座谈讨论：  
添蓝在中国/亚洲的市场发展

SCR是亚洲普遍被采用以达到接下来重型柴油车排放标准的主要技术。这个座谈将讨论亚洲如何在品质, 和数量上发展关键的添蓝, 以配合SCR技术的使用。讨论添蓝储存设备, 车载自动诊断系统及添蓝品质标准等重要议题。



主持人：  
提姆晨  
总经理  
英特杰顾问公司, 英国



彼得史坦萨克尔  
销售总监  
威玛公司



李昆生  
处长  
北京市环保局机动车排放管理处处长



史提格伍伦  
专案经理  
碳联盟, 澳洲



陶泽民  
高级工程师  
玉柴机器

13:00 – 14:30 午餐及展示空间参观

## Networking and entertainment 交流及娱乐活动安排

The Diesel Emissions Conference and AdBlue Forum will provide numerous networking opportunities over the course of the 3 day event. We have arranged the following evening activities for all registered delegates:

**11th May** - Networking Cocktail  
Complimentary Crowne Plaza Foyer, 7.00pm

**12th May** - Networking Dinner and Kung Fu show  
Additional fee of USD\$100

Organised transport to leave from Crowne Plaza at 6.00pm, for more information on either of the above networking activities, please call +44 20 7503 1265 or email [rita.auta@integer-research.com](mailto:rita.auta@integer-research.com)

亚洲柴油车排放暨AdBlue论坛2009在三天议程期间将提供与会者许多交流机会, 我们已为注册出席的与会者安排如下的会后晚间活动:

**五月十一日** 鸡尾酒会: 皇冠假日酒店, 七点

**五月十二日** 交流晚餐及功夫秀: 额外费用100美金

交通方式会由主办单位预先安排, 六点由皇冠假日酒店出发, 如需了解以上任何交流活动的更多资讯, 请致电+44 20 7503 1265 或 发邮件到 [rita.auta@integer-research.com](mailto:rita.auta@integer-research.com)

## Increase your presence in Asia through Corporate Sponsorship

### Why sponsor Diesel Emissions Conference Asia 2009?

- Raise your profile above your competitors.
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We recognize that all companies have different needs, one size does not fit all. Integer Research create bespoke corporate packages to meet our clients individual business development objectives.

To find out how we can help you reach your target audience and increase your profitability in Asia please contact:

James Hobday  
Business Development Manager  
Email: [james.hobday@integer-research](mailto:james.hobday@integer-research)  
Tel: +44 (0)20 7503 1265

# Diesel Emissions Conference & AdBlue Forum Asia 2009

## 2009亚洲柴油车排放论坛暨亚洲AdBlue论坛

11-13 May, Crowne Plaza, Beijing, China 五月十一日至十三日, 北京五洲皇冠假日酒店



**Registration form 报名表:** Register before 27 March and save US\$200 在3月27日前报名将获得200美元优惠!

» China based delegates 国内参会者		Dates	Register before 27 March 3月27日前报名优惠	Full Price 全价票
<input type="checkbox"/>	Platinum (2 conference days & 1 AdBlue Day)	11 - 13 May	\$1,495	\$1,695
<input type="checkbox"/>	Gold (two days) 双日票价	11 - 12 May	\$1,195	\$1,395
<input type="checkbox"/>	Silver (one day) 单日票价	<input type="checkbox"/> 11 May <input type="checkbox"/> 12 May <input type="checkbox"/> 13 May	\$695	\$795

» International delegates 国外参会者		Dates	Register before 27 March 3月27日前报名优惠	Full Price 全价票
<input type="checkbox"/>	Platinum (2 conference days & 1 AdBlue Day)	11 - 13 May	\$1,795	\$1,995
<input type="checkbox"/>	Gold (two days) 双日票价	11 - 12 May	\$1,495	\$1,695
<input type="checkbox"/>	Silver (one day) 单日票价	<input type="checkbox"/> 11 May <input type="checkbox"/> 12 May <input type="checkbox"/> 13 May	\$895	\$995

» Discounts 优惠		
<input type="checkbox"/>	Group discount: 3 or more delegates from one company	Additional \$100 off per delegate 每人每票优惠 \$100
<input type="checkbox"/>	Past delegate discount (attendance at any of integer's previous diesel emissions conferences)	Additional \$50 off per delegate 每人每票优惠 \$50

**Special rates available for not for profit organisations, government bodies and associations.** Please contact Amy Woolmer at Integer for more details on +44 20 7503 1265 or email [amy.woolmer@integer-research.com](mailto:amy.woolmer@integer-research.com)

政府机关部门和非营利性组织将获得特殊优惠。请致电+44 20 7503 1265 Amy Woolmer查询, 或者发送邮件至[amy.woolmer@integer-research.com](mailto:amy.woolmer@integer-research.com)

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Security code 安全密码: \_\_\_\_\_

(last 3 digits on reverse of card, 4 for American Express)  
(信用卡反面最后三个数字, 美国运通卡的最后四个数字)

Name of card holder 持卡人: \_\_\_\_\_

**Signature 签名:**

\_\_\_\_\_

**Or Bank Transfer 银行转账:**

A bank transfer will be made for 转帐金额 \$ \_\_\_\_\_

**Bank 银行:** HSBC Bank plc

**Address 地址:** 31 Holborn Circus, London EC1N 2HR

**IBAN:** GB23MIDL40051559615283

**Swift Code/BIC -** MIDLGB22

**Sort Code -** 40-05-15

**Account number 账号:** 59615283

**Account name 账户名:** Integer Research Ltd.

For companies resident in EU member states please quote your VAT/TVA/IVA/MWSt/BTW/MOMS number 欧盟成员国所在公司请提供增值税代码:

\_\_\_\_\_

**Dates and Venue 日期和地点**

Date: 11-13 May

Venue: Crowne Plaza, Beijing, China

Address: No 8 North Si Huan Zhong Road, Beijing, 100101, China

日期: 2009年11-13日

地点: 北京五洲皇冠假日酒店

地址: 中国北京北四环中路8号, 100101

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Please complete this form and return to Conference Registrations,

完整填写此表格并寄往以下地址  
Integer Research Ltd, 55 Farringdon Road, London EC1M 3JB, United Kingdom

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Please complete a copy of this form for each delegate and return it (photocopy & fax this page) Fax back to 完整填写此表格并传真至+44 20 7503 1266

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