

CNG CONTINUES TO GAIN GROUND IN INDONESIA

THE CNG AND NGV MOMENTUM CONTINUES IN INDONESIA WITH THE INAUGURAL CNG INFRASTRUCTURE, EQUIPMENT SELECTION AND NGV CONVERSION SEMINAR



By: Melissa Francisco



Over 150 Delegates Registered for the Seminar

In its effort to move ahead with the CNG/NGV “buzz” and momentum, NGV Transportation recently held its inaugural seminar in Jakarta which draws over 174 stakeholders from 17 countries over 2 days at the Darmawangsa Hotel. Together with the CNG Association of Indonesia (APCNGI) and Asia Pacific Natural Gas Association (ANGVA), this business-critical seminar cemented Indonesia’s seriousness in its pursuit to fast track and expands its CNG infrastructure. State owned enterprises, notably PT Pertamina have already made firm plans to build CNG infrastructure to ensure the government’s plan remains sustainable. This ensured that the country’s NGV program for public transportation can reach 100 000 vehicles over the next 3 years, starting in 2012.

The seminar is sponsored by Dynetek Industries, ACE, BRC, CIMC Enric, SAFE S.R.L, Atlas Copco, Atiker, PT Matesu, Sinoma, Staubli, YoungDo, OMLV, Xperion, Lincoln Composites and Galileo. The seminar was well attended by government officials, state owned companies, EPCs and various technology providers.

The seminar was opened by APCNGI’s President, Mr. Danny Praditya followed by ANGVA’s Executive Director, Lee Giok Seng. He touched on the topic “Challenges and Opportunities of Building a Viable CNG Infrastructure”. This was followed by an extended presentation by Australian-based Dr. Hien Ly, a Principal Consultant and Technical Director for CFS International. Dr. Hien Ly dwelled deep on design, sizing and safety of a CNG station. He also followed up on the engineering, procurement, construction and commissioning aspects of CNG station. With over 30



2 Comprehensive Days of Meetings, Networking and Presentations



Conference Opened By Danny Praditya, APCNGI



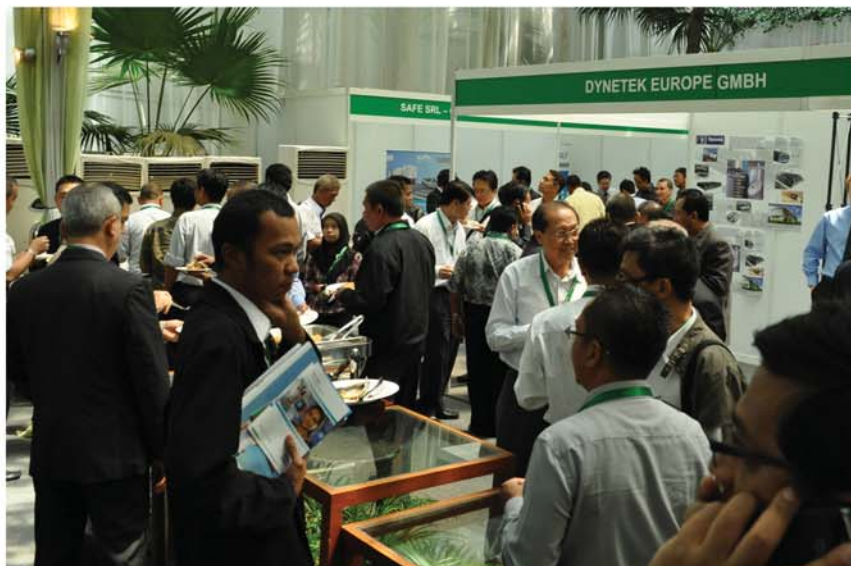
Opening Remarks By Lee Giok Seng, ANGVA



Building CNG Infrastructure Dr. Hien Ly

years of CNG project and technical research and development experience in New Zealand and Australia, Dr. Hien Ly provided a comprehensive presentation to the audience.

The afternoon session was dominated by Technology providers including BRC’s Marco Seimandi, Enric’s Allen Zhao, Lincoln Composite’s Goh Tat Chuan, PT Atlas Copco’s Neeraj Bhargava and SAFE’s Jonas Giuliani. These presenters focused on the necessary CNG infrastructure including compressors, dispensers, MRU technology and various cylinder options that are available. Most of the presentations were focused on the economics, challenges, opportunities and viability for the Indonesian marketplace.



Exhibitors Network during the Coffee Break

Robbi Sukardi, Secretary General of APCNGI took centre stage with an important presentation on effective maintenance and operations of CNG stations. With his experience in maintaining such equipments in Indonesia, he shared with the audience various ways to upkeep the equipment without costs escalations. The final presentation of the first day was by Emirates Gas's Fazal Khan. Fazal has always been at the forefront of CNG developments in the region having been designated as Vice President of Asia Pacific Natural Gas Vehicle Association (ANGVA). He concluded the day's theme with a topic entitled "Step and Considerations to Optimize CNG Station".

The "NGV Conversion" day was similarly well attended. It started with Dr. Papon Boonchanta giving an elaborate presentation on Thailand's experience with aftermarket and OEM conversion. Being a consultant for many natural gas related projects for PTT public company and relevant government offices, gas engine testing and NGV safety regulations drafting in Thailand, Dr. Papon shared his vast experience in this field with the audience to ensure such conversions are done safely and according to standards.



Marco Seimandi, BRC



Allen Zhao, ENRIC



Goh Tat Chuan,
Lincoln Composites



Jonas Giuliani, Safe



Neeraj Bhargava
Atlas Copco



Robbi Sukardi
APCNGI

Another area which Dr. Papon dwelled deep is on bus re-powering. Similarly to Thailand, Indonesia's main public transportation artery - Transjakarta - makes up of many CNG buses. Presentations on NGV conversion technology followed by BRC's Massimiliano Fissore, Dynetek's Dr. Chris Rasche and C Melchers's Gilbert Aue. Various aspects of kits and cylinder technology and selections for various projects were being presented and discussed. TÜV Saarland Automobil followed up with an extensive presentation that primarily focused on Homologation, Certification of CNG components, Safety, Control of CNG Stations, CNG Workshops, CNG Vehicles and CNG Cylinders. With his experiences in project management for automotive industry and alternative fuels since 1993, Carl enlightened the audience with his presentation.



Fazal Ali Khan, Emirates Gas



Dr Papon Boonchanta

Concluding the seminar was ANGVA's Executive Director case study presentation on "NGV Conversion Experiences in Malaysia".

Overall, NGV Transportation's first ever seminar managed to bring all the stakeholders together and help them propel forward with their plans in 2012. In providing the platform where natural gas buyers, sellers, OEMs, cylinder manufacturers, conversion kit distributors, EPC contractors, and governmental authorities meet, this seminar managed to bridge cultures across 17 countries, strengthened relationships and connect businesses.



Massimiliano Fissore
BRC



Dr. Chris Rasche
Dynetek



Gilbert Aue
C Melchers



Carl Wagner
TÜV