



# Small LNG Shipping & Distribution Forum 2014

Opening up an effective natural gas distribution market through small scale LNG shipping

The inaugural Small LNG Shipping and Distribution Forum 2014 proved successful in showcasing the latest LNG supply and infrastructure developments and how essential it is for small LNG shipping and infrastructure projects in Indonesia to take flight. The event was co-organized by All Events Group and Jurnal Maritim.

The forum – attended by over 147 people– served as one of the most important platforms that would allow stakeholders in the industry to make known their positions and their relevant solutions for small scale LNG shipping and distribution in the country. The forum allowed those involved to gather and discuss pertinent issues whilst networking and exploring the potential of other

possible business opportunities in the LNG sector in the region.

The event was sponsored by GTT, DNV GL, Galileo Technologies, Hexagon Lincoln, Norgas Carriers and PT Trakindo with strategic partners INGTA and SGMF.

Welcoming remarks were opened by Indonesia’s renowned maritime expert Dr. Chandra Motik Yusuf which was then followed by a keynote speech



*Dr. Chandra Motik Yusuf, Expert Council, Jurnal Maritim*



*Harry Boediarto Soewarto, Director General of Sea Transportation, Ministry of Transportation*



*Agus Cahyono Adi, Director of Oil and Gas Development Program, Directorate General of Oil and Gas*



**Iwan Ratman, Deputy of Operations, Special Task Force for Upstream Oil and Gas Business Activities (SKK MIGAS)**



**Rudi Meiyansyah, Director, PT ASDP Ferry Indonesia**



**Stephane Maillard, Business Development Manager, Gaztransport & Technigaz (GTT)**

by Harry Boediarto Soewarto, Director of Sea Traffic and Transportation from the Ministry of Transportation in Indonesia who spoke on the supporting regulations for LNG vessels, shipping and ports in the country.

Agus Cahyono Adi, Director of Oil and Gas Development Program at the Ministry of Energy and Mineral Resources spoke on the allocation and availability of natural gas as a fuel for shipping. He described Indonesia's current natural gas situation and where they stand in the global gas markets, the current allocation policies in place and the prospects that Indonesia has to offer with its rising energy demand and infrastructure development.

The next speech was on LNG in Indonesia - Its challenges and opportunities which was presented by Iwan Ratman, Deputy of Operations from the Special Task Force for Upstream Oil and Gas Business Activities from SKK Migas. He highlighted the various challenges that were being faced in socio-political areas, technical and economic areas and what the government has planned to combat these challenges. It was his feeling that, "Once the base demand and infrastructure are in place; gas consumption will proliferate", hence creating Indonesia not only as an important place for LNG consumers but also for LNG buyers.

The talks then went on break and then resumed following some refreshments, resumed with Director of PT ASDP Ferry



**Theo Lekatompessy, President Director, PT Humpuss SS Intermoda Transportasi**



**Jane Carland, Downstream LNG Business Development Manager -East Region, Shell Eastern Petroleum**

Indonesia, Rudi Meiyansyah speaking on ASDP's Fleet Roadmap for Moving Forward into Natural Gas Conversion for Short Sea Shipping. He spoke about the importance of coastal shipping on the Java North Coast Road and how it was no longer adequate to support the needs of development and the acceleration and expansion of Indonesian Economic Development and how this could be solved through ASDP setting up shipping supply routes taking traffic away from the Java North Coast Road.

The next talk was then on small scale LNG vessels and was given by the main sponsor - Stephane Maillard of GTT. He spoke on GTT's current projects with regards to small scale LNG carriers and how there is a forecasted demand in numerous countries across the globe. He also went over GTT's presence in Southeast Asia and their involvement in Lekas Terminal and Lampung FSRU and their current developments in Sengkang, Indonesia and Pagbilao LNG in the Philippines. He also discussed

some current cost cutting strategies and GTT's design specifications of ships and barges.

Following the networking lunch the talks reconvened with a speech on The Future Transportation Value Chain of LNG in Indonesia by Theo Lekatompessy, President Director of PT Humpuss Intermoda Transportasi. He spoke on the general oil and LNG value chain, inclusive of an overview of LNG vessels, small and mini LNG projects in 2014 to 2016 and the costs involved of LNG transportation as well as possible global strategic alliances for LNG development.

Jane Carland of Shell Eastern Petroleum then spoke on the opportunities in Developing LNG as a marine bunker fuel and how Shell is involved across the value chain. She also spoke on the drivers and challenges that are being faced in terms of supply, infrastructure, environment, technology, costs and regulations.



**Saunak Rai, Vice President, LNG Business Development, Norgas Carriers**



**Lyndon Ward, Marketing Director, SEA NG Corporation**



**TC Goh, Regional Sales Director, Hexagon Lincoln**

This was then followed by a talk on Innovative LNG Logistics Solutions for Indonesia which was presented by Saunak Rai, Vice President of LNG Business Development at Norgas Carriers. The importance of LNG in small scale shipping and the growing incentives being provided by the government were discussed. A solution to the lack of infrastructure in the region was also proposed, suggesting that LNG Trucks, LNG ISO containers or regasification barges could fill the space while infrastructure is being built.

After another short networking coffee break, Lyndon Ward of Sea NG Corporation gave a talk on The Emerging Role of Marine CNG Transportation in Indonesia. He explained possible annual fuel savings that could be achieved through the use of CNG in power plants and the current options that are available for execution of CNG projects.

The day was then concluded by two separate talks, one on comparing CNG and small LNG vessels by Hexagon Lincoln's Regional Sales Director, Goh Tat Chuan and another on an Engine Maker's perspective on the golden age of gas in the maritime industry which was presented by PT Trakindo's Marine Product Manager, Heru Hermawan.

The second day began with a quick recap and Tammy Meidharma, President Director at PT Nusantara Regas on Facilitating the Integration of Small LNG Shipping with FSRU.



**Tammy Meidharma, President Director, PT Nusantara Regas**



**Danny Praditya, President Director, PT Gagas Energi Indonesia**



**Hasbi Assidiq Syamsuddin, Director of Maritime, Aerospace and Defence Devices, IMKAP, Ministry of Industry**



**Elsie Tang, Consultant Shipping Advisory, DNV GL**

She covered areas such as drivers for gas development in Indonesia and the Indonesian gas supply and demand.

This was followed by PT Gagas Energi Indonesia's President Director, Danny Praditya speaking on Natural Gas Multimodal Transportation. He explained that to profitably serve customers who have low unit demand and are dispersed over a large area, PGN will have to utilize non-traditional modes of gas supply such as CNG and Mini LNG movement.

Just before the morning networking coffee break, Hasbi

Assidiq Syamsuddin, Director of the Maritime, Aerospace and Defence Devices (IMKAP) of the Ministry of Industry spoke on The utilization of gas as a fuel for domestic shipping. He gave a recap on the current condition of Indonesia's shipbuilding market and the potential for business opportunity in the country with regards to ship building.

The conference resumed with Elsie Tang of DNVGL who spoke on the topic of Developing Small LNG logistics and Bunkering hubs. She presented an overview of the current development of



**Ferialdy Noerlan, Technical Director, Indonesia Port Corporation II.**



**Dr. Kartika Kus Hendratna, Senior Development Manager Offshore, PT Biro Klasifikasi Indonesia (BKI)**



**Eddy K. Logam, Chairman, Indonesia Ship Building And Offshore Association (IPERINDO)**



**Osvaldo Del Campo, CEO, Galileo Technologies S.A**



**Nayan B Pandya, Chairman & Managing Director, Cryogas Industries**



**Eduardo Perez, Principal Consultant, Small LNG**

small LNG logistics and bunkering from a global perspective before looking at the possible areas that one could look at in order to move forward and establish LNG bunkering in Indonesia.

Indonesia Port Corporation’s Technical Director, Ferialdy Noerlan then gave a speech on the journey towards a world class green port – supporting and complementing small LNG distribution and terminal operations. Mr. Ferialdy basically gave an overview on IPC’s activities and projects. He then moved on to explain what he meant by ‘green

port’, underlining some key issues such as waste management systems, reduction of CO2 emissions, saving energy and implementation of regulations according to EIA.

This was then followed by a presentation by Dr. Karthika Kus Hendratna, Senior Offshore Development Manager at PT Biro Klasifikasi Indonesia (BKI) on the classification of LNG vessels and floating facilities.

The conference then adjourned for the second day’s networking lunch session. It was resumed by a speech by Eddy K Logam, Chairman of Indonesia Ship Building and

Offshore Association (IPERINDO) who gave an overview on the ship building industry in Indonesia and the current key issues that the industry is facing. He also spoke on some important areas where he feels support from the government is needed to ensure the continued success of the industry.

Following that, Osvaldo Del Campo, CEO of Galileo Technologies spoke on nano LNG stations or more specifically the Galileo Cryobox. He explained that this is actually a small scale LNG liquefaction plant with low installation and operation costs yet is highly reliable and produces almost no emissions.

The day then took its final networking coffee break and was resumed with Cryogas Industries’, Chairman and Managing Director, Nayan Pandya who gave a speech on small scale LNG entitled, “The Last Mile for Connectivity to Indonesia”. He spoke about the LNG chain, nano-liquefaction and the various solutions that were provided by Cryogas Industries.

The last talk of the day was given by Eduardo Perez of Small LNG who spoke on small scale LNG shipping opportunities in Southeast Asia. The event proved to be an incredible success as information was disseminated across industry players and new ties were made between them. With so much opportunity for LNG shipping coming to light it is without a doubt that there will be similar events on the way to help mould and gel the industry for further integration, cooperation and joint development across the sector.

It was a successful forum which opens up a lot of niche, feasible business opportunities for the almost untapped small LNG shipping market in Indonesia. Most of the participants and sponsors express their keenness to participate at the follow up event in 2015 in Bali.