

SHELL INDONESIA LUBES PLANT RAMPS UP PRODUCTION, NOW PRODUCING MARINE LUBRICANTS

Nov 09, 2016

Jakarta, 9 November 2016 – Just over one year from the start of its operations, Shell’s newest lubricant oil blending plant (LOBP), located in Marunda Centre, near Jakarta, Indonesia, has more than doubled its production slate and is now producing 99 different products.

This includes its latest additions, Shell marine engine oils Shell Argina, Shell Gadinia, and Shell Melina. Shell Argina and Shell Gadinia engine oils are used in marine propulsion engines for small to mid-size vessels, marine auxiliary engines and for stationary power generation. Shell Melina is an advanced multifunctional crankcase system lubricant for low-speed marine diesel engines.

The local production of these marine lubricants is in response to the increase in demand for marine lubricants, due to the growing domestic maritime sector in Indonesia. This came about as a result of the Indonesian government’s maritime highway programme, which involves developing the country’s maritime infrastructure by upgrading ports throughout the archipelago. To support this initiative, Shell Marine ensures continuity of supply by providing stock point centres located in major ports in Indonesia to serve domestic and international marine customers with the product they need, when and where they need them.

The plant has also added new variants of Shell’s popular brands Shell Helix (passenger car motor oil), Shell Advance (motorcycle oil), Shell Rimula (heavy duty engine oil), Shell Spirax (transmission oil) and Shell Tellus (hydraulic oil), serving Indonesia’s growing vehicle population and rapid development in key industrial sectors like construction, power generation and mining.

This plant has also enabled Shell to transition from almost exclusively importing its lubricants products from overseas to a vast majority of it being produced locally. Today, almost 70% of Shell’s lubricants in Indonesia are “Made in Indonesia”. These are produced out of the fully automated facility supported by our well-trained Indonesian operators who are part of professional supply chain network that run all of our LOBP globally. The quality of Shell’s products is ensured by regular testing at the world-class test laboratory located on-site.

“We are pleased by the progress we have made in one year of manufacturing operations here in Indonesia. This local capability enables us to be close to our customers and nimbly react to market demand, including our marine lubricant customers. This plant also enables our business to expand its reach, and support our customers’ needs in Eastern Indonesia, particularly in Kalimantan, Sulawesi, West Nusa Tenggara, East Nusa Tenggara, Ambon and Papua,” said Alex Marpaung, Lubricants Supply Chain Operations Manager for Indonesia.

From a safety perspective, the plant is also a great example that, with the right systems and promoting a safety-conscious culture among its employees, it can achieve great safety results. From the beginning of construction in October 2012, till now, the site has achieved a remarkable safety performance with no recordable incidents.

Shell is also a good neighbour. Shell Marunda LOBP works together with local NGO Pusdakota (Center for Urban Empowerment) of University of Surabaya to run Desa BERSEMI (Clean, Healthy and Self-sufficient village) programme in nearby villages – Segaramakmur and Pantaimakmur. The program aims to increase community awareness and initiative in building a clean, healthy, environmentally friendly and productive neighbourhood. The programme trains people in the two villages in initiating and developing projects such as: a community compost area,

a “waste bank” where residents can sell their waste; a small-scale urban farm for medicinal plants and common vegetables; and small handicraft businesses using non-recyclable waste. To date, the programme has trained 60 focal points in the two villages, doubling the number from its initial phase in December 2015.

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Notes to Editors

- Shell owns 100% and operates this plant, thus ensuring full control over product quality.
- It is the largest lubricants oil blending plant (LOBP) operated by an IOC in the country. The plant is in close proximity to Tanjung Priok, Indonesia’s busiest seaport, as well as major road transportation networks, that enable Shell to efficiently produce and deliver lubricants to customers throughout Indonesia.
- This Indonesia blending plant is designed to meet high environmental standards including measures to reduce waste and carefully control waste disposal to ensure no harm to the environment. All processes at the plant are fully automated and controlled at all stages by operators based at the control room. A plant management system has been installed and controls all stages of production.
- In Indonesia, Shell delivers its marine lubricants to customers in Balikpapan, Banjarmasin, Batam, Bitung, Cikarang, Cilegon, Jakarta, Makasar, Medan, Samarinda, Sorong and Surabaya via its dedicated distributors that can deliver products safely and meet vessels’ location and schedule.
- Shell is also active in both in the consumer and industrial lubricant markets in Indonesia. Aside from direct sales, Shell is also supported by over 30 authorised distributors throughout Indonesia.
- Shell operates over 40 lubricant blending plants in 32 countries, 18 of which are in located in Asia, specifically, in China, India, Indonesia, Malaysia, Pakistan, Singapore, South Korea and Vietnam. Three out of Shell’s eight base oil plants are located in Asia, as well as ten of Shell’s grease manufacturing plants globally.

About Shell Indonesia

- The history of Royal Dutch Shell in Indonesia started over 120 years ago, following its first oil discovery in Pangkalan Brandan, North Sumatra.
- Shell today has a strong downstream presence in Indonesia. It was the first international petroleum retail brand in the country and is now a leading international oil company (IOC) with 79 operating sites in Greater Jakarta, Bandung, and North Sumatra. In 2006, Shell started its commercial fuels, marines and bitumen businesses in Indonesia, providing oil products and related technical support to the industrial, transport and mining sectors. Shell is also recognised as a leading international company with the largest lubricant market share in Indonesia, after Pertamina, serving motorists and industrial customers. In Upstream sector, Shell Indonesia is the PSC operator of deep-water block Pulau Moa Selatan and a strategic partner of Inpex, Masela PSC operator which includes the Abadi gas field.

About Shell Lubricants

The term “Shell Lubricants” collectively refers to Shell Group companies engaged in the lubricants business. Shell sells a wide variety of lubricants to meet customer needs across a range of applications. These include consumer motoring, heavy-duty transport, mining, power generation and general engineering. Shell’s portfolio of lubricant brands includes Pennzoil, Quaker State, Shell Helix, Shell Rotella, Shell Tellus and Shell Rimula. We are active across the full lubricant supply chain. We manufacture base oils in seven plants; blend base oils with additives to make lubricants in over 40 plants; distribute, market and sell lubricants in over 100 countries. We also provide technical and business support to customers. We offer lubricant-related services in addition to our product range. These include: Shell LubeMatch –the market leading product on-line recommendation tool, Shell LubeAdvisor - helps customers to select the right lubricant through highly trained Shell technical staff as well as online tools, and Shell LubeAnalyst - an early warning system that enables customers to monitor the condition of their equipment and lubricant, helping to save money on maintenance and avoid potential lost business through equipment failure. Shell’s world-class technology works to deliver value to our customers. Innovation, product application and technical collaboration are at the heart of Shell lubricants. We have leading lubricants research centres in China, Germany, Japan (in a joint venture with Showa Shell), and the USA. We invest significantly in technology and work closely with our customers to develop innovative lubricants. We have a patent portfolio with 150 + patent series for lubricants, base oils and greases; more than 200 scientists and lubricants engineers dedicated to lubricants research and development. Customer benefits include lower maintenance costs, longer equipment life and reduced energy consumption. One of the ways we push the boundaries of lubricant technology is by working closely with top motor racing teams such as Scuderia Ferrari and BMW Motorsport. These technical partnerships enable us to expand our knowledge of lubrication science and transfer cutting-edge technology from the racetrack to our commercial products.

Royal Dutch Shell plc

Royal Dutch Shell plc is incorporated in England and Wales, has its headquarters in The Hague and is listed on the London, Amsterdam, and New York stock exchanges. Shell companies have operations in more than 70 countries and territories with businesses including oil and gas exploration and production; production and marketing of liquefied natural gas and gas to liquids; manufacturing, marketing and shipping of oil products and chemicals and renewable energy projects. For further information, visit www.shell.com

Cautionary Note

The companies in which Royal Dutch Shell plc directly and indirectly owns investments are separate legal entities. In this press release “Shell”, “Shell group” and “Royal Dutch Shell” are sometimes used for convenience where references are made to Royal Dutch Shell plc and its subsidiaries in general. Likewise, the words “we”, “us” and “our” are also used to refer to subsidiaries in general or to those who work for them. These expressions are also used where no useful purpose is served by identifying the particular company or companies. “Subsidiaries”, “Shell subsidiaries” and “Shell companies” as used in this press release refer to companies over which Royal Dutch Shell plc either directly or indirectly has control. Entities and unincorporated arrangements over which Shell has joint control are generally referred to “joint ventures” and “joint operations” respectively. Entities over which Shell has significant influence but neither control nor joint control are referred to as “associates”. The term “Shell interest” is used for convenience to indicate the direct and/or indirect ownership interest held by Shell in a venture, partnership or company, after exclusion of all third-party interest.

This press release contains forward-looking statements concerning the financial condition, results of operations and businesses of Royal Dutch Shell. All statements other than statements of historical fact are, or may be deemed to be, forward-looking statements. Forward-looking statements are statements of future expectations that are based on management's current expectations and assumptions and involve known and unknown risks and uncertainties that could cause actual results, performance or events to differ materially from those expressed or implied in these statements. Forward-looking statements include, among other things, statements concerning the potential exposure of Royal Dutch Shell to market risks and statements expressing management's expectations, beliefs, estimates, forecasts, projections and assumptions. These forward-looking statements are identified by their use of terms and phrases such as "anticipate", "believe", "could", "estimate", "expect", "goals", "intend", "may", "objectives", "outlook", "plan", "probably", "project", "risks", "schedule", "seek", "should", "target", "will" and similar terms and phrases. There are a number of factors that could affect the future operations of Royal Dutch Shell and could cause those results to differ materially from those expressed in the forward-looking statements included in this press release, including (without limitation): (a) price fluctuations in crude oil and natural gas; (b) changes in demand for Shell's products; (c) currency fluctuations; (d) drilling and production results; (e) reserves estimates; (f) loss of market share and industry competition; (g) environmental and physical risks; (h) risks associated with the identification of suitable potential acquisition properties and targets, and successful negotiation and completion of such transactions; (i) the risk of doing business in developing countries and countries subject to international sanctions; (j) legislative, fiscal and regulatory developments including regulatory measures addressing climate change; (k) economic and financial market conditions in various countries and regions; (l) political risks, including the risks of expropriation and renegotiation of the terms of contracts with governmental entities, delays or advancements in the approval of projects and delays in the reimbursement for shared costs; and (m) changes in trading conditions. All forward-looking statements contained in this press release are expressly qualified in their entirety by the cautionary statements contained or referred to in this section. Readers should not place undue reliance on forward-looking statements. Additional risk factors that may affect future results are contained in Royal Dutch Shell's 20-F for the year ended December 31, 2015 (available at www.shell.com/investor and www.sec.gov). These risk factors also expressly qualify all forward looking statements contained in this press release and should be considered by the reader. Each forward-looking statement speaks only as of the date of this press release, 9 November 2016. Neither Royal Dutch Shell plc nor any of its subsidiaries undertake any obligation to publicly update or revise any forward-looking statement as a result of new information, future events or other information. In light of these risks, results could differ materially from those stated, implied or inferred from the forward-looking statements contained in this press release.

We may have used certain terms, such as resources, in this press release that United States Securities and Exchange Commission (SEC) strictly prohibits us from including in our filings with the SEC. U.S. Investors are urged to consider closely the disclosure in our Form 20-F, File No 1-32575, available on the SEC website www.sec.gov.

Universitas Pendidikan Indonesia won the first Shell Eco-marathon Drivers' World Championship in London

Jul 05, 2016

Bumi Siliwangi Team 4 from Universitas Pendidikan Indonesia (UPI) Bandung, who came with their electric battery-powered Turangga Cheta EV-3 car won Shell Eco-Marathon Drivers' World Championship (SEM DWC), the first event in the thirty years that SEM has been taking place worldwide. The team outperformed student teams from France and the United States at the SEM DWC final held at the Queen Elizabeth Olympic Park London on July 3, 2016.

Jakarta, July 5, 2016. The Bumi Siliwangi Team 4 from Universitas Pendidikan Indonesia (UPI) Bandung came first place in a race of the fastest and most energy efficient vehicle, the Shell Eco-Marathon Drivers' World Championship (SEM DWC) held at the Queen Elizabeth Olympic Park London on July 3, 2016. The Bumi Siliwangi Team 4 who brought their electric battery-powered UrbanConcept car "Turangga Cheta EV3" bested Team ISEN Toulon, France, who also raced their electric battery car and won second place in this event. Standing in the third place was Team Mater Dai Supermileage High School from the United States with their fuel-powered UrbanConcept car.

"We're more than happy to be able to take part in this event and moreover won first place in this prestigious Shell Eco-Marathon Drivers' World Championship," said Amin Sobirin, team manager of Team Bumi Siliwangi Team 4 UPI. Sending eight team members, Team Bumi Siliwangi Team 4 UPI contingent consisted of supervisors, team manager, team members, and driver. They had arrived in the United Kingdom since June 29, 2016, to take part in the qualification round of Shell Eco-Marathon Drivers World Championship.

Darwin Silalahi, President Director, Country Chairman, Shell Indonesia, "We are proud and pleased of the achievement and the winning that Team Bumi Siliwangi Team 4 from UPI attained in the prestigious Shell Eco-Marathon Drivers' World Championship, which was the first time ever held by Shell. This win proved that Indonesia has smart, creative human capital capable to invent an energy-saving car that has the potential to be developed as the car of the future. We will continue with our commitment to develop Indonesia's human capital and to actively contribute to the Government of Indonesia in preparing future energy needs through our various innovations."

Shell, the world's leading energy company for the first time held "Shell Eco-Marathon (SEM) Drivers' World Championship (DWC)" dedicated for UrbanConcept car that uses internal combustion engine on July 3, 2016 at the Queen Elizabeth Olympic Park, London. This was the first world competition and part of the annual Shell Eco-Marathon Europe (SEME) held from June 30 – July 3, 2016.

For the first time in the history of Shell Eco-Marathon, student teams from around the world gathered and competed in the UrbanConcept car race for the title of fastest and most energy efficient car in the world. Three Indonesian student teams, Team Sadewa from Universitas Indonesia (UI), Team ITS Team 2 from Institut Sepuluh Nopember (ITS), and Bumi Siliwangi Team 4 from Universitas Pendidikan Indonesia (UPI) were invited to participate in SEM DWC.

Shell Eco-Marathon Drivers' World Championship is Shell's commitment for the world, helping the planet to meet its energy demand that increases every year, through collaboration with students, partners, and other stakeholders.

Bumi Siliwangi Team 4: passed first day inspection test and the first to finish in the final

Representing Asia in the Shell Eco-Marathon Drivers' World Championship Team Bumi Siliwangi Team 4 UPI and two other Indonesian teams, Team Sadewa from Universitas Indonesia (UI), Team ITS Team 2 from Institut Sepuluh Nopember (ITS) had to take part in the qualification round of Shell Eco-Marathon DWC. The Indonesian teams were three of five teams representing Asia in this world championship.

The qualification round required the teams to pass technical inspection, pass Europe SEM qualification (three laps with the UrbanConcept car on SEM Europe track with two times qualified finish), and to achieve at least 90% of the same record each SEM team attained in their respective region. Participants from outside Europe such as Team Sadewa, however, did not take part in the Shell Eco Marathon Europe (SEME) that was held in the same venue.

“Our team passed the inspection test in the first day. In the track test, we raced 2.25 kilometers and recorded 48 km/kWh and 52 kilometers per kWh, which meant we met the minimum qualification of 90 percent record of SEM Asia. Team Bumi Siliwangi started second in the final round. We were down to fourth position, but we were able to lead ahead in three laps, with elevation between three to twelve meters. Eventually we bested the French and US teams, and arrived first at the finish line,” said Amin Sobirin.

Team Bumi Siliwangi Team 4 became the only Indonesian team in the DWC final after the other two teams, Team Sadewa UI and Team ITS Team 2 failed in the SEM DWC qualification.

DWC race was grouped into three heats, each consisting of eight participants. Two first teams to pass the finish line and two teams in second positions from each heat were eligible to move forward to the final round of Shell Eco-Marathon DWC. In total, only eight cars made it to the Shell Eco-Marathon DWC final. Team Bumi Siliwangi Team 4 who raced in the final beat other teams from American, European, and Asian regions.

Norman Koch, Global Technical Director for Shell Eco-Marathon said, “The length of the new track in Shell Eco-Marathon Drivers' World Championship posed a new challenge for all teams. We saw first hand the performance of these high standard cars as well as the teams' competitiveness and the drive to win the championship.”

The final round of Shell Eco-Marathon Drivers' World Championship was particularly challenging for the teams after more than four days of competition. Championing an electric battery car, Team Bumi Siliwangi from Bandung came out as the winner. Through this resounding win on Sunday, Indonesia got to attend a one-week invitation with the Scuderia Ferrari Formula 1 in Italy.

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About Shell Indonesia

Shell Indonesia with its 300 employees conducts business which involves gas stations, lubricants (automotive, industrial and transportation), marine, fuel for business and industry sectors as well as bitumen. In the Upstream sector, Shell Indonesia is the PSC operator of deep-water block Pulau Moa Selatan and a strategic partner of Inpex, Masela PSC operator which includes the Abadi gas field.

For more information, please visit www.shell.co.id

About Shell Eco-marathon

Shell Eco-marathon began in 1939 at a Shell research laboratory in the United States as a friendly wager between scientists to see who could get the most miles per gallon from their vehicle. The winner of that contest barely achieved 50 mpg (21 km/l), and from these humble origins, a more organized competition evolved.

In 1985 in France, Shell Eco-marathon as we know it today was born. In April 2007, the Shell Eco-marathon Americas event was launched in the United States, and in 2010, the inaugural Shell Eco-marathon Asia was held in Malaysia, up until 2013. Since 2014, the event has been held in Manila, Philippines, which will continue to host the event until 2016.

Shell introduces new diesel engine oil Shell Rimula R5 E 10W40

Jun 22, 2016

Shell Lubricants Indonesia presents new diesel engine oil “Shell Rimula R5 E 10W40”. This heavy-duty diesel engine synthetic oil has five benefits: protection against corrosion from acids formed as fuel burns, protection against deposit, wear control, fuel efficiency, and enhanced oxidation control. This new Shell Rimula R5 E 10W40 is only available in Shop & Drive network nationwide.

Jakarta, June 22, 2016. Shell Lubricants, one of the world’s top lubricants producers and the patent-holder of Shell PurePlus Technology officially introduced new oil for modern diesel vehicles including heavy-duty diesel engine on Wednesday (22/06) in Jakarta. **Edward Satrio, Brand Manager of Shell Helix and Advance/VP Brand Direct Channel at Shell Indonesia,** accompanied by **Rio Sanggau, Chief Marketing of PT Astra Otoparts,** officially introduced heavy-duty diesel engine **Shell Rimula R5 E 10W40** in communal fast breaking with media and some members of diesel car communities: Fortuner, Innova dan Pajero community at Raja Rasa Resto, Ampera-South Jakarta.

Edward Satrio, said, “We are proud to introduce Shell Rimula R5 E 10W40, new synthetic oil specially designed for modern diesel engine and heavy-duty diesel engine. Shell Rimula R5 E 10W40 with synthetic technology ensures maximum engine performance and engine life. This oil is highly suited to engine fitted with exhaust-gas recirculation (EGR), like heavy-duty diesel engine vehicles.”

Edward Satrio further said the number of diesel SUV and MPV enthusiasts in Indonesia had positively growth. It is indicated by the launch of new diesel cars from several Indonesia’s authorized agents (APMs). Data from Gaikindo shows total sales number of diesel vehicles including Sedan, SUV, MPV & Double Cabin has reached 150 thousand units per year. “Shell Rimula R5 E 10W40 is purposely designed to meet the needs of diesel vehicles owners like Fortuner, Innova and Pajero which actually are the heavy-duty cars with capability for long distance and off road drives. Shell Rimula R5 E 10W40 has the most advanced additives to help deliver fuel economy and protect engine against any damage caused by extreme temperatures as well as deliver maximum performance.”

Shell Rimula R5 E 10W40 has five benefits: protection against corrosion from acids formed as fuel burns, protection against deposit, wear control, fuel efficiency, and enhanced oxidation control better than mineral oils. Currently, diesel SUV and MPV drivers like Fortuner and Pajero can get Shell Rimula R5 E 10W40 in Shop & Drive in wide range of cities nationwide.

According to **Rio Sanggau,** “We are glad to be in partnership with Shell Indonesia in marketing diesel engine oil product Shell Rimula R5 E 10W40. We are optimistic that the product would be positively welcomed by diesel car owners in Indonesia due to its long-tested quality and benefits of Shell Rimula products. Supported by 350 Shop & Drive outlets in 84 cities in 24 provinces, nationwide, the diesel car owners in Indonesia will easily get Shell Rimula R5 E 10W40.”

Introducing Shell Rimula R5 E 10W40, Shell Lubricants has engaged some members of diesel car communities, like Fortuner, Innova and Pajero in Jakarta to change their car oils with Shell Rimula R5 E 10W40 for free in Shop & Drive. In addition, Shell Indonesia holds 25% discount promo for oil change with Shell Rimula R5 E 10W40 in all Shop & Drive outlets in Indonesia during Ramadhan on **June 15-September 15, 2016.**

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Shell also provides technical and business support to customers. Shell offers lubricant-related services in addition to our product range. These include: Shell LubeMatch –the market leading product on-line recommendation tool, Shell LubeAdvisor - helps customers to select the right lubricant through highly trained Shell technical staff as well as online tools, and Shell LubeAnalyst - an early warning system that enables customers to monitor the condition of their equipment and lubricant, helping to save money on maintenance and avoid potential lost business through equipment failure.

Shell's world-class technology works to deliver value to our customers. Innovation, product application and technical collaboration are at the heart of Shell lubricants. Shell has lubricants research centers in Germany, Japan (in a joint venture with Showa Shell), England and the USA. Shell invests significantly in technology and work closely with customers to develop innovative lubricants. Shell has a patent portfolio with 150 + patent series for lubricants, base oils and greases; more than 200 scientists and lubricants engineers dedicated to lubricants research and development.

Customer benefits include lower maintenance costs, longer equipment life and reduced energy consumption. One of the ways we push the boundaries of lubricant technology is by working closely with top motor racing teams such as Scuderia Ferrari. These technical partnerships enable us to expand our knowledge of lubrication science and transfer cutting-edge technology from the racetrack to our commercial products.

Advanced Fuels Technology for Improved Engine Performance

Apr 14, 2016

Shell today led a workshop to demonstrate to journalists the benefits of Shell V-Power.

Jakarta, April 14, 2016 - Shell V Power is designed to offer improved performance through its advanced technology, enhancing engine power by actively protecting your engine to help it perform to its potential in whichever car you drive¹.

Shell V-Power has a unique double action formulation designed to actively clean your engine from power-robbing deposits and help protect vital engine parts, enhancing the responsiveness of your engine. It also contains Friction Modification Technology formulated to create a protective film between piston and cylinder helping to reduce friction resistance and allow the engine to turn more freely to help the engine to deliver more power to the wheels. And with every fill, Shell V-Power is designed to help keep your engine feeling like new¹.

Mae Ascan, Fuels Scientist, Shell Projects and Technology, said: “At Shell we know that all fuels are not the same, which is why we are committed to making better fuels for our customers and their cars. We recommend regular use of Shell V-Power, to take maximum advantage of the performance benefits it is designed to offer.”

Shell has over a century of experience in fuels development with approximately 170 fuels scientists and specialists across the globe working on fuels innovation, development and product implementation to meet the evolving needs of our customers and their cars. Today, Shell V-Power fuels developed in close collaboration of more than 60 years with Scuderia Ferrari, are enjoyed by customers in 69 countries around the world.

¹ Actual effects and benefits may vary according to vehicle, age of vehicle, driving conditions and driving style. Actual potential benefits relate to a detergency element which is designed to help clean-up existing deposits in your engine.

About Shell Retail Fuels

Everyday millions of drivers choose Shell at around 43,000 Shell-branded service stations in more than 80 countries. From the fuels lab, to the racetrack, to the forecourt, we have a team of Shell Passionate Experts who continuously work to create some of the most advanced fuels in the world.

Shell promotes safety campaign to partners, customers and elementary school students

Apr 13, 2016

Shell Indonesia celebrates “Shell Safety Day 2016” by conducting a series of activities, including safety flashcards distribution to customers at fuel retail stations (SPBUs) and state elementary school visit for road safety educational outreach.

Jakarta, April 13, 2016 - Keeping people safe is Shell’s top priority and the Company aims to have zero fatalities and no incidents that harm people. Shell celebrates “**Shell Safety Day**” worldwide every year to reflect Shell’s commitment to safety. This year, Shell Safety Day is celebrated simultaneously on Wednesday, April 13 in all Shell business operating units worldwide, including Indonesia. This year’s Shell Safety Day theme “**Achieving Goal Zero because We Care**” aims to raise the sense of care about safety with zero incidents, no assets or environmental damage, and no injury to people target.

In its 10th year of Shell Safety Day, Shell Indonesia held a series of activities both internally and externally. One of the activities was a customer engagement where Shell employees promote the importance of safety through dialogue with customers, in addition to distributing safety flashcards at Shell retail sites.

President Director and Country Chairman of PT Shell Indonesia Darwin Silalahi accompanied by **GM External Relations PT Shell Indonesia Haviez Gautama** led one of these activities at the Shell Pondok Indah retail site. Shell Indonesia employees also distributed feedback forms to customers to encourage them to write down their safety wish list.

Darwin Silalahi said, “Today, we celebrate Shell Safety Day by meeting, interacting and having a dialogue with our customers at all Shell retail sites. We engage and invite our customers to consistently prioritize safety aspects in all of their activities, including when they are at our retail sites.”

PT Shell Indonesia also conducted a “Shell Road Safety School Visit” programme – for state elementary schools, – which aims to raise road safety awareness among school kids. The educational sharing was facilitated by volunteers from Shell Indonesia who spent some of their working hours to give road safety awareness talks to students at grades 4 and 5 of State Elementary School (SDN) and engage them in interesting outdoor game activities. This educational sharing session is focusing on three things: Safety walking and crosswalks, Safety cycling and passenger safety (motorcycle and car), and introduction to traffic signs. Shell Road Safety School Visit was kicked-off on April 4th, 2016 at SDN 05 Bintaro, Pesanggrahan-South Jakarta. This activity will continue to take place in 30 SDNs in Jabodetabek during the period of April to September 2016.

“These Safety Day activities are conducted to reflect our commitment to safety and create an awareness of safety procedures amongst our customers and the communities near our operational areas,” Darwin added.

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Shell Indonesia Supports Tuberculosis (TB) Eradication in Indonesia

Mar 21, 2016

In line with the commemoration of World TB Day and to support of the Indonesian Government target for TB-free by 2050, PT Shell Indonesia expresses concern on TB eradication efforts in Indonesia. One of its efforts was TB health education in Marunda, Bekasi.

Jakarta, March 21, 2016 – The world commemorates Tuberculosis (TB) Day on March 24. The World TB Day is one of World Health Organization (WHO) programs to campaign about TB global concern. TB remains one of the major global health problems. According to WHO global report in 2014, 9.6 million people are suffering from TB and 1.5 million died due to the disease. In Indonesia, Directorate General of Disease Control and Environmental Health at Ministry of Health reported 67,000 TB-related deaths per year. Thus, Indonesian government has launched the target of Indonesia TB-free by 2050.

In line with the commemoration of World TB Day and to support of the Indonesian Government target for TB-free by 2050, PT Shell Indonesia expresses concern on TB eradication efforts in Indonesia. One of its efforts was TB health education in Marunda, Bekasi. The activity took place in Pantai Makmur Village on Saturday (19/3) and Segara Makmur Village on Monday (21/3).

The health education session was officially opened by Shell LOBP Marunda Manager Alex Marpaung and witnessed by Heads of Pantai Makmur Village and Segara Makmur Village as well as Head of Tarumajaya Community Health Center (Puskesmas). Around 200 residents of Segara Makmur and Pantai Makmur participated in the activities taking place at village hall, respectively. This health education session was hosted by doctors from Shell Health Indonesia and Tarumajaya Community Health Center (Puskesmas).

“Through health education, Shell Indonesia wants to participate in TB eradication efforts in Indonesia. We see the Government has been actively providing treatment for TB patients by giving free TB medicines in Puskesmas units. Shell also wants to support Government to break the chain of TB infection and to take TB preventive measures with this health education. We hope this health education will raise people awareness about TB, increase TB patient recovery and minimize TB cases, especially in Segara Makmur and Pantai Makmur villages.” Shell LOBP Marunda Manager Alex Marpaung said.

WHO reported that TB had mostly affected adults in their most productive age. Over 95% of TB cases and deaths occurred in the developing countries. TB is one of the top causes of death for women aged 15-44 years old. A person with TB in productive age is estimated to have work time disruption or even lose it for 2-4 months. This situation will certainly result in lost earnings and economic impacts to family.

“We positively respond every effort from all parties, including Shell Indonesia to help TB eradication in our neighborhood. Hopefully, this health education session will help raise people’s understanding on the importance of providing encouragement and support to the recovery of people with TB. This event can also encourage people in our village to maintain their health more intensively to prevent TB. In the future, we expect to see more companies adopting Shell Indonesia’s effort in helping TB eradication in this village,” Head of Pantai Makmur Village H. Aman Zalih said.

Alex Marpaung added that this health education session on TB is a testament of Shell’s commitment to its neighborhood near Shell operations in many parts of the world. Prior to TB Health Education

session, Shell Indonesia in cooperation with Segara Makmur Village and Pantai Makmur Village administration implemented a neighborhood quality improvement through Desa BERSEMI Program. BERSEMI stands for Bersih, Sehat, Mandiri (Clean, Healthy and Independence). Desa BERSEMI Program is aimed to raise community concern and initiative to bring in clean, healthy, eco-friendly and productive neighborhood. The cooperation was already implemented in December 2015. “We surely hope Shell’s participation and cooperation could improve the life quality of people near our LOBP Marunda operation,” Alex added.

For further information on this program, please contact:

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Winning the most awards in Shell Eco-marathon Asia 2016, Indonesia represents Asia in Drivers' World Championship London

Mar 07, 2016

Seven On-track awards in SEM Asia 2016 presented to Indonesian student teams and three Indonesian student teams are invited to represent Asia in Drivers' World Championship in London.

Jakarta, March 07, 2016. Indonesian student teams recorded resounding achievements in Shell Eco-marathon Asia 2016 at Rizal Park Manila, Philippines on March 3-6, 2016. Seven out of 20 Indonesian student teams successfully bag the awards; six teams won six awards in UrbanConcept Category and one team won an award in Prototype Category. They bested 117 student teams from 17 countries across Asia, the Middle East and Australia.

The six winning student teams in UrbanConcept Category were:

- Team **Sadewa** from Universitas Indonesia (UI) won First Place in UrbanConcept Shell FuelSave Gasoline Category with mileage record **275km/l**.
- Team **ITS Team 2** from Institut Teknologi Sepuluh Nopember (ITS) won First Place in UrbanConcept Shell FuelSave Diesel Category with mileage record **250km/l**.
- Team **Bengawan Team 2** from Universitas Sebelas Maret won Second Place in UrbanConcept Shell FuelSave Diesel Category with mileage record **139km/l**.
- Team **Cikal Ethanol** from Intitut Teknologi Bandung won Second Place in UrbanConcept Shell FuelSave Alternative Fuel (Ethanol) with mileage record **184km/l**.
- Team **Horas Mesin** from Universitas Sumatera Utara (USU) won Third Place in UrbanConcept Shell FuelSave Alternative Fuel (Ethanol) with mileage record **123km/l**.
- Team **Bumi Siliwangi Team 4** from Universitas Pendidikan Indonesia (UPI) won Second Place in UrbanConcept Battery Electric with mileage record **78km/kWh**.

Another team from University of Indonesia, **Team Nakoela** secured First Place in Prototype Shell Fuel Save Gasoline Category with mileage record **792km/l**. *“We are proud of this winning since we did not actually target it. Our target was to gain achievement better than earlier years' records. This winning truly came from the team perseverance and solidarity in addition to the full support from our mentors Bambang Sugiarto and Ario Sunar Baskoro, and the alumni of University of Indonesia student teams for Shell Eco-marathon,”* **Manager of Team Nakoela Datri Mika Putra** said.

President Director of PT Shell Indonesia Darwin Silalahi said, *“We are proud and pleased to see the achievements of our Indonesian student teams in Shell Eco-marathon Asia 2016 in Manila, Philippines. This year's achievement has strengthened Indonesian position as the reputable team in the most energy efficient vehicle design, building and driving competition, regularly held by Shell. Indonesian student teams have evidently managed to win awards in Shell Eco-marathon Asia in seven years of participation since 2010. These achievements reflect Indonesian students' competence in designing innovative cars as well as their concern about the future alternative energy.”*

Darwin Silalahi further added, *“We are pleased to support them as the reputable student teams in this international competition. Moreover, three of them – Team Sadewa, Team Bumi Siliwangi Team 4 and Team ITS Team 2 will join Shell Eco-marathon Drivers' World Championship in Shell Eco-marathon Europe 2016 next June in London, England. We hope Indonesian student teams will defend their achievements and further improve their skills in creating futuristic energy efficient cars.”*

Based on this year's results, five UrbanConcept teams have qualified for the **Drivers' World Championship**, held at **Queen Elizabeth Olympic Park London, England** on June 30-July 03, 2016. Qualified teams include three teams from Indonesia – **Team Sadewa** from Universitas Indonesia (UI), **Team ITS Team 2** from Institut Teknologi Sepuluh Nopember (ITS) and **Team Bumi Siliwangi Team 4** from Universitas Pendidikan Indonesia (UPI).

Manager of Team Sadewa **Alfian Ibnu Pratama** said, *“The winning was beyond our expectation and target. Our car failed to enter the track last year due to technical problems. This year, we managed to complete the lap with valid mileage record at 275km/l in even the fourth run.”*

In **“Drivers' World Championship”**, drivers in Shell Eco-marathon will go head-to-head in a traditional racing car format whilst maintaining the need to drive efficiently. The winning team will earn an invite to spend one week with Scuderia Ferrari at their factory in Italy. Once in Maranello, they will meet the team and receive personal coaching and advice from the engineers on how they can improve their car for the Shell Eco-marathon 2017.

Manager of Bumi Siliwangi Team 4 **Amin Sobirin** said, *“We are happy for the winning. Actually, we simply targeted the full and valid runs on track. We also aimed at experiencing to compete in international competition.”* Meanwhile, Manager of ITS Team 2 **Rizkiadi Wilis Prakoso** said, *“It is an unexpected winning as we had to deal with some technical problems forcing us to return to Technical Inspection area for several times and suspend our run. We managed to achieve the best mileage record in the fourth run at 250km/l with diesel fuel. This achievement was fully supported by our teamwork and driver skill.”*

Being qualified to participate in **“Drivers' World Championship”** is an amazing achievement for UPI student team. They won their first award – reaching the second place – after five years of participation in Shell Eco-marathon Asia. **Amin Sobirin** said Bumi Siliwangi Team 4 debuted in UrbanConcept Category using battery electric this year. Bumi Siliwangi Team 4 was among five UrbanConcept teams earning an invite to Shell Eco-marathon Europe 2016. *“We will improve controller, motor, battery management system (BMS), body and chassis for Shell Eco-marathon Europe. Team's time management is also another aspect that we need to improve,”* he said.

Shell Eco-marathon Global Technical Director Norman Koch said, *“Shell Eco-marathon Drivers' World Championship Race marks an important step in the evolution of Shell Eco-marathon and the global drive for energy efficiency, challenging the students to push further than they have before.”* Norman added, *“I am very glad to see five teams from Shell Eco-marathon Asia record strong mileage results in order to qualify for the Drivers' World Championship, and I look forward to seeing them compete against the best in the world.”*

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About Shell Indonesia

Shell Indonesia with its 300 employees conducts business which involves gas stations, lubricants (automotive, industrial and transportation), marine, fuel for business and industry sectors as well as bitumen. In the Upstream sector, Shell Indonesia is the PSC operator of deep-water block Pulau Moa Selatan and a strategic partner of Inpex, Masela PSC operator which includes the Abadi gas field.

For more information, please visit www.shell.co.id

About Shell Eco-marathon

Shell Eco-marathon began in 1939 at a Shell research laboratory in the United States as a friendly wager between scientists to see who could get the most miles per gallon from their vehicle. The winner of that contest barely achieved 50 mpg (21 km/l), and from these humble origins, a more organized competition evolved. In 1985 in France, Shell Eco-marathon as we know it today was born. In April 2007, the Shell Eco-marathon Americas event was launched in the United States, and in 2010, the inaugural Shell Eco-marathon Asia was held in Malaysia, up until 2013. Since 2014, the event has been held in Manila, Philippines, which will continue to host the event until 2016.

Shell Indonesia Technology Conference 2016: Technology Innovation as Solution to Energy Challenge amid Economic Dynamics

Feb 17, 2016

Bringing the theme “Performing in Challenging Economy through Technology Leadership”, Shell Indonesia Technology Conference is conducted with aim to provide overview of Shell’s technological leadership and development.

Jakarta, February 17, 2016. PT Shell Indonesia held the **Shell Indonesia Technology Conference 2016** on February 17-18, 2016 in Jakarta. Bringing the theme “Performing in Challenging Economy through Technology Leadership” the event aimed to provide overview of Shell’s technological leadership and development, and how it plays an important role in overcoming global energy challenges, including in Indonesia. A total of 150 participant comprising CEOs of Indonesian leading companies and managers from various industries attended the dialogue forum.

As we all are aware, a lengthy period of macro-economic crisis has caused uncertainty in economic sector, triggering political upheaval and increasing social stress. The crisis has also triggered political and economy’s shifting from West to East regions in addition to transformation in global institutions relationship like G20 and ASEAN. The world’s energy, water and food resources are also under stress. The rising global population and urbanization is the major cause stress to the global energy sources.

Shell Indonesia Director of Lubricant Dian Andyasuri said, “This forum will help business players in understanding global energy challenges especially in Indonesia as well as recognizing Shell Technology leadership in energy sector, including its lubricant products which can boost business performance. Furthermore, this forum will also provide an overview about Shell scenario planning in providing wide range of specific energy solutions to different countries in different ways and time.”

Meanwhile, **Indonesian Minister of Industry Saleh Husin** said, “We positively respond Shell Indonesia’s initiative for conducting this dialogue forum as a platform to share information on the development of advance energy technology so we can together tackle future energy challenges.”

Collaboration of Shell and some customers has evidently brought positive result in term of operational cost efficiency. **Vice President of Shell Global Commercial Technology Dr. Andrew Hepher** said that Shell had not only offered products, but also technical services to help customers get all they need to improve business performances. These services include conducting a survey on industrial requirements, providing recommendation on the best products, performance monitoring with real time data and recommendation on customer business performance improvement.

Shell New Lens Scenarios

World population is estimated to reach 9 billion in 2050 or higher than the current population at 6.7 billion. Meanwhile, the urbanization will drive 75% of population to live in urban areas in 2050 or 50% higher than what is reported in 2014. This condition will triple the energy demand, which potentially causes energy crisis. Currently, around 3 billion of people do not have access to modern energy sources.

On the other side, the world is striving to reduce CO₂ emission. The future will demand not only more energy but also lower carbon sources of energy. Shell as the world’s top oil and gas producer has been ready to face uncertainties and these global energy challenges by preparing a global energy

model. Shell uses this global energy model to understand global change in the future and to design scenario to see how these challenges will impact the future.

Shell scenarios go beyond traditional outlooks or forecasts by covering a broader set of drivers and trends in economics, geopolitics, social change, and environmental stresses on water and climate. Shell has two major scenarios – Mountains Scenario and Ocean Scenario. With these two scenarios, Shell sees wide range of energy solutions applicable to different country with different methods and time different ways and on different timeliness.

In Mountain Scenario, the power remains concentrated in the hands of economic and political elites. Consequently, the top-down policymaking results and the steady use of gas becomes the backbone of the global energy system by the 2030. Meanwhile, in Oceans Scenario power becomes increasingly devolved away from governments and elites. This situation spurs innovation and economic growth, but also slows consensus-building in other areas. Furthermore, the development of natural gas infrastructure is slower following a greater and more sustained role for coal. This situation causes late reduction of CO₂ emissions.

Local Energy Challenges

ASEAN Center for Energy recorded Indonesia as the country with the greatest energy demand in Southeast Asia reaching 44% of total energy demand in this region. Malaysia and Thailand followed with 23% and 20%, respectively. Fossil energy is predicted to dominate energy demand in that region by 80% in 2030 or 76% higher than in 2011. Industrial sector will dominate demand growth by 2.7% per year up to 2035.

Meanwhile, National Energy Board (DEN) estimates total national energy demand reaching 2.41 million barrels of oil equivalent (BOE) in 2025. It grows by 84% compared to total national energy demand in 2013 at 1.243mboe. Currently, fossil energy still dominates energy demand in Indonesia. Fossil energy contributed 94.6% of total energy demand in 2013 or equivalent 1,357mboe while renewable energy contribution was only 5.5%. Those fossil energy sources were oil (44.0%), natural gas (21.9%) and coal (28.7%).

At the moment, oil exploration output in Indonesia is still unable to meet national energy demand. Total national oil consumption reached 425 million barrels in 2013 referring to crude oil. A total of 352 million barrels of national oil consumption comprising of 233 million barrels of fuel were supplied by domestic refineries. Meanwhile, 192 million barrels were imported in the form of crude and fuel products. This situation is reasonably caused by the decline in oil production and limited capacity of domestic refineries.

Transportation sector, especially land transportation including the freight reportedly consume nearly 88% of national fuels stockpile – the subsidized and non-subsidized fuels. This sector mostly consumes gasoline and diesel fuel.

Government has taken some efforts to overcome those challenges through electricity saving, public transportation and fuel consumption efficiency campaigns. The government has even issued EMR Ministerial Regulation No.12/2012 on Oil Fuel Consumption Control and EMR Ministerial Regulation No.13/2012 on Electricity Usage Saving.

Shell Technology Solution

All measures taken by Indonesian government to overcome energy challenges in the future will not be optimal without the support from other parties. Good collaboration between government, business/industrial players and public, in addition to academicians is needed to face energy challenges in the future. Shell believes the importance of collaboration in facing global energy challenges.

Dian said, “Collaboration and technology are essentials to achieve significant change in meeting global energy demand in the future. We believe collaboration between government, business players and public is the important key to face the energy challenges. Cross-industry collaboration is highly needed to develop a technology to help us meet energy and business demand in addition to reduce negative environmental impacts.”

Energy efficiency has doubled in the last 50 years. However, this efficiency rate can further increase with sustained technology investment and cross-industry collaboration. Lubricant technology plays key role in boosting energy efficiency and enhancing engine life. Collaboration of Shell and business players in Indonesia can maximize the value of technology to meet industry requirements in the future.

In the current and future competitive business climate, there will be an increased focus on operational cost reduction. Each business will need to ensure that current capital investments continue to deliver more efficiency. Automotive business players will focus on low carbon emission alternative energy. Other industrial players will require engines to deliver optimum result with low energy consumption. Power plant industrial players will focus on lubricants that can ensure its equipment in delivering long-term uninterrupted power.

Dr. Andrew said that Shell Lubricants with its technology could offer solutions to help industrial players face the challenges. Shell lubricant technology will bring significant impacts to every industry in improving energy efficiency, enhancing engine life due to its ability to protect industrial equipment against corrosion. Collaboration of Shell and industrial players will bring better business performance.

Collaboration of Shell and a construction company in Indonesia has successfully saved US\$22,915 per year through longer oil change interval up to 500 hours using Shell Rimula R4 X. In addition, collaboration of Shell and the mining company Pama has also saved US\$220,000 per year through longer oil change interval up to 6,000 in hydraulic machine with Tellus S3M 46.

“In addition to our collaboration with customers of various industries, Shell has also made technical cooperation with international racing organizers, academicians and industries, enabling Shell to keep its leading position in technology,” **Andrew** added.

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