PETRONAS GROUP OF **COMPANIES**

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WHOLLY OWNED SUBSIDIARIES **PARTLY OWNED SUBSIDIARIES ASSOCIATE COMPANIES** PETRONAS Carigali Sdn Bhd (100%) - Kebabangan Petroleum Operating Co. Sdn Bhd (40%) PCPP Operating Company Sdn Bhd (40%) # MISC Berhad (62.67%) — # Bintulu Port Holdings Berhad (28.52%) PETRONAS Carigali Overseas Sdn Bhd Malaysia LNG Sdn Bhd (90%) PC Algeria Ltd Malaysia LNG Dua Sdn Bhd (80%) PC Randugunting Ltd Malaysia LNG Tiga Sdn Bhd (60%) PETRONAS Carigali (Ketapang) Ltd L PC Ketapang II Ltd # PETRONAS Gas Berhad (60.66%) — Industrial Gases Solutions Sdn Bhd (50%) PETRONAS Carigali Mozambique E & P Ltd Regas Terminal (Sg. Udang) Sdn Bhd (100%) Trans Thai-Malaysia (Thailand) Ltd (50%) TTM Sukuk Berhad (100%) PETRONAS Carigali (Surumana) Ltd Regas Terminal (Lahad Datu) Sdn Bhd (100%) Trans Thai-Malaysia (Malaysia) Sdn Bhd (50%) PETRONAS Carigali White Nile (5B) Ltd Regas Terminal (Pengerang) Sdn Bhd (100%) Kimanis Power Sdn Bhd (60%) PC Lampung II Ltd - Kimanis O&M Sdn Bhd (60%) PETRONAS Carigali (Australia) Pty Ltd Pengerang LNG (Two) Sdn Bhd (65%) PC Mozambique (Rovuma Basin) Ltd Pengerang Gas Solutions Sdn Bhd (51%) # PETRONAS Dagangan Berhad (69.88%) — - IOT Management Sdn Bhd (20%) — Tanjung Manis Oil Terminal Management Sdn Bhd (20%) PETRONAS Lubricants Marketing (Malaysia) Sdn Bhd (100%) PS Pipeline Sendirian Berhad (50%) Setel Ventures Sdn Bhd (100%) PS Terminal Sendirian Berhad (50%) PETRONAS Aviation Sdn Bhd (100%) -United Fuel Company LLC (40%) PDB (Netherlands) B.V. (100%) ► PETRONAS International Marketing (Thailand) Co. Ltd (100%) Kuala Lumpur Aviation Fuelling System Sdn Bhd (65%) - Carigali Hess Operating Co. Sdn Bhd (50%) Carigali-PTTEPI Operating Co. Sdn Bhd (50%) - E&P Venture Solutions Co. Sdn Bhd -BC Petroleum Sdn Bhd (20%) ► E&P O&M Services Sdn Bhd - E&P Malaysia Venture Sdn Bhd Vestigo Petroleum Sdn Bhd (100%) 👤 Ophir Production Sdn Bhd (20%) KLCC (Holdings) Sdn Bhd (100%) # KLCC Property Holdings Berhad (75.46%) ## PETRONAS Assets Sdn Bhd Petrofibre Network (M) Sdn Bhd PETRONAS ICT Sdn Bhd └ Virtus IP Sdn Bhd PETRONAS Hartabina Sdn Bhd PRBF Holdings Corporation Sdn Bhd PRBF Properties Sdn Bhd **PETRONAS Trading Corporation Sdn Bhd** PETCO Trading (UK) Limited PETCO Trading Labuan Company Ltd PETCO Trading DMCC P.T. PETRONAS Niaga Indonesia **PETRONAS Technical Services Sdn Bhd** PTSSB DMCC PETRONAS Technology Ventures Sdn Bhd ☐ PTV International Ventures Ltd PTV International Ventures Americas, Inc. PETRONAS Global Technical Solutions Sdn Bhd **OGP Technical Services Sdn Bhd** Note: Disclosure of PETRONAS Group of companies does not include list of subsidiary and associate companies under KLCC (Holdings) Sdn Bhd, MISC Berhad and Engen Limited. The disclosure of companies is up to the 4th tier of active companies. The information provided is accurate as at 31 March 2019. ## Equity Interest held directly and indirectly by PETRONAS Listed on Bursa Malaysia

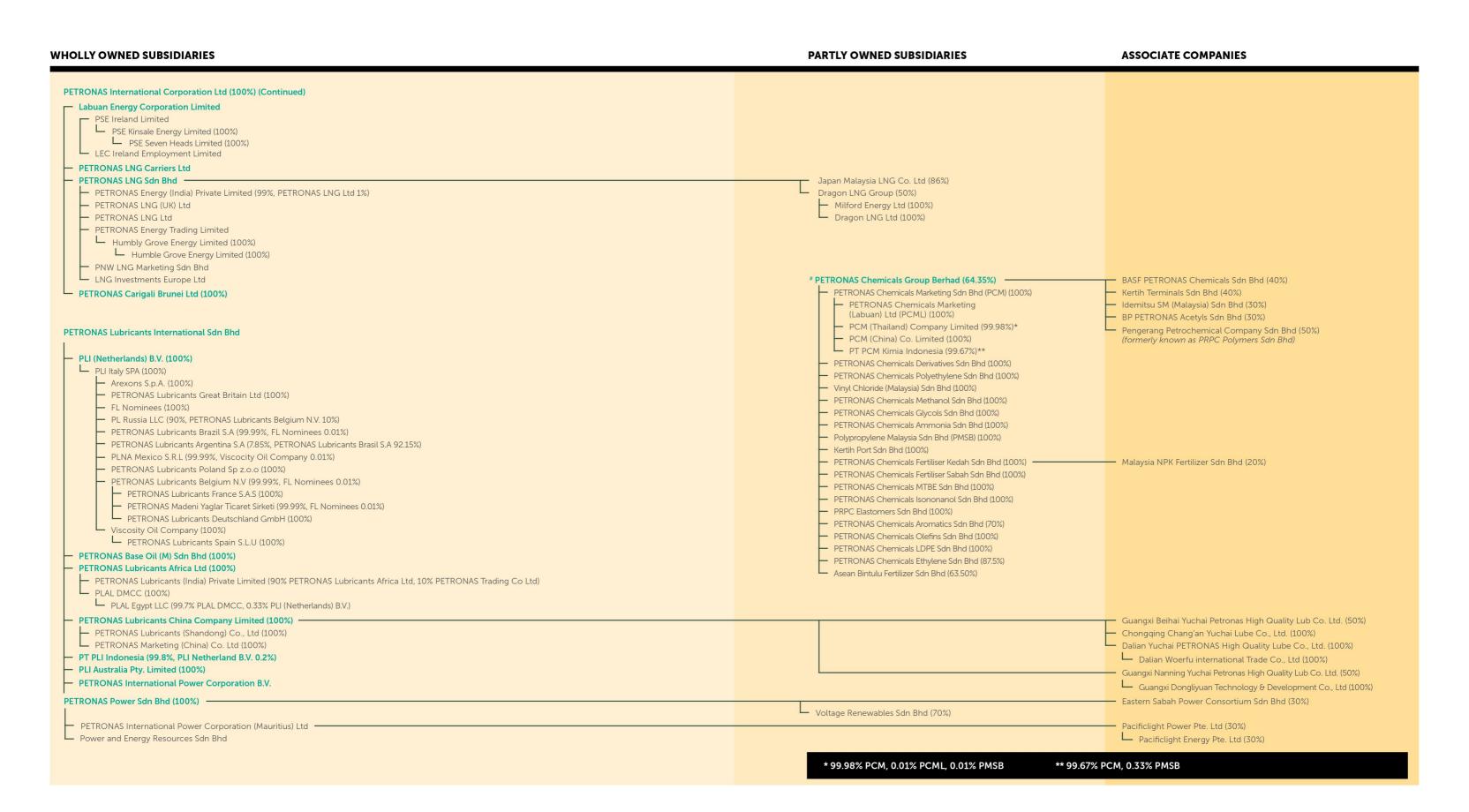
PETRONAS GROUP OF **COMPANIES**

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WHOLLY OWNED SUBSIDIARIES **PARTLY OWNED SUBSIDIARIES ASSOCIATE COMPANIES** PETRONAS International Corporation Ltd (100%) — Transasia Pipeline Company Pty Ltd (35%) Sirri International Ltd PETRONAS Carigali Myanmar Inc. (100%) - PETRONAS Carigali (Turkmenistan) Sdn Bhd (100%) MITCO Labuan Company Limited (MLCL) (100%) PCM Chemical India Private Limited (PCMCIPL) * PETRONAS Carigali Nile Ltd (100%) - Petrodar Operating Company Ltd (40%) SUDD Petroleum Operating Co. Ltd (67.875%) Greater Nile Petroleum Operating Company (30%) DAR Petroleum Operating Co. Ltd (40%) Greater Pioneer Operating Co. Ltd (30%) PICL (Egypt) Corporation Ltd -- Egyptian LNG Co. S.A.E (35.5%) Nada Properties Co. Ltd El Beherah Natural Gas Liquefaction Company S.A.E (35.5%) PC Madura Ltd Egyptian Operating Company for Natural Liquefaction Project S.A.E (35.5%) PC Muriah Ltd Burullus Gas Company S.A.E (25%) PC (Myanmar) Holdings Limited Idku Natural Gas Liquefaction Company S.A.E (38%) PC Myanmar (Hong Kong) Limited PETRONAS Carigali Myanmar III Inc. (100%) — Taninthayi Pipeline Co LLC (30%) PETRONAS Carigali (Jabung) Ltd (100%) PP Oil & Gas Indonesia Holding Ltd (50%) PP Oil & Gas (Indonesia – Jabung) Ltd (50%) PP (Indonesia Gas Aggregation) Ltd (50%) PICL Marketing Thailand Ltd -- Myanmar PETRONAS Trading Co. Ltd PICL Siri Co. Ltd (49%) - PETRONAS (Thailand) Co. Ltd - PC Vietnam Limited (100%) - PC Mauritania I Pty Ltd PETRONAS Australia Pty Ltd (PAPL) GLNG Property Pty Ltd (27.5%) PC Mauritania II B.V GLNG Operations Pty Ltd (27.5%) PAPL Services Pty Ltd **PETRONAS Philippines Inc** PAPL (Upstream) Pty Ltd Parsi International Ltd - PAPL (Upstream II) Pty Ltd Cameroon Oil Transportation S.A. (29.77%) **Argentinean Pipeline Holding Company S.A** PAPL (Downstream) Pty Ltd - Tchad Oil Transportation S.A. (30.16%) PETRONAS Carigali Canada B.V. (PCCBV) (100%) PETRONAS (E&P) Overseas Ventures Sdn Bhd (PEPOV) PETRONAS E&P Argentina S.A. (PEPASA) ** PETRONAS Iraq Garraf Ltd (100%) Progress Resources USA Ltd. Natuna 1 B.V. PETRONAS Energy Canada Ltd (100%) (formerly known as Progress Energy Canada Ltd) Pacific Northwest LNG Ltd (62%) - PETRONAS Carigali International E&P B.V. (100%) (PCIEPBV) *** PETRONAS Canada LNG Ltd PETRONAS Suriname E&P B.V. PETRONAS Azerbaijan Upstream Sdn Bhd PC Gabon Upstream S.A. (100%) PETRONAS South Caucasus S.a.r.l. PC Carigali Mexico Oil and Gas Holding S.A. de C.V. PETRONAS Azerbaijan (Shah Deniz) S.a.r.l. (100%) PC Kualakurun Ltd PETRONAS Carigali Iraq Holding B.V. (100%) PC North Madura II Ltd PETRONAS Carigali Iraq (Majnoon) Ltd PETRONAS Carigali Chad Exploration & Production Inc PETRONAS Carigali (Halfaya) Ltd PETRONAS Carigali (Chad EP) Inc PETRONAS Carigali (Badra) Ltd Doba Pipeline Investment Inc PETRONAS Brasil E&P Limitada (99%, 1% PGOSB) PETRONAS Chad Marketing Inc PETRONAS Angola E & P Ltd (100%) PC Senegal Ltd (formerly known as PC Sakakemang Ltd) - Garraf Technical Services Ltd Petroliam Manpower Services Mexico S.A. de C.V, (PMSM) ****** (formerly known as PETRONAS China Energy Ltd) PC Sakakemang B.V. - PC Gambia Ltd * (99.99% held by MLCL and 0.01% held by PETRONAS Chemical Marketing Sdn Bhd) ***** (99% held by PEPOV, 1% held by PCCBV) PETRONAS Petroleo Brasil Limitada (90%) ****** ** (70% held by PCCBV, 30% held by PCIEPBV) ****** (99% held by PEPOV, 1% held by PCIEPBV) PC Oman Ventures Ltd (100%) *** (70% held by PEPOV and 30% held by PEPASA) ****** (90% PEPOV, 10% PCIEPBV) Petroliam Manpower Support Services Mexico S.A. de C.V. ****** **** (99% held by PCIEPBV; 1% held by PCCBV) ******* (99% held by PEPOV, 1% held by PCCBV) PETRONAS Carigali International Sdn Bhd

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Petroliam Nasional Berhad (PETRONAS)

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HOLLY OWNED SUBSIDIARIES	PARTLY OWNED SUBSIDIARIES	ASSOCIATE COMPANIES
PETRONAS Research Sdn Bhd (100%) Primesourcing International Sdn Bhd Institute of Technology PETRONAS Sdn Bhd (100%) UTP FutureTech Sdn Bhd	IndianOil PETRONAS Private Limited (50%)	
PETRONAS eLearning Solutions Sdn Bhd PETRONAS Penapisan (Terengganu) Sdn Bhd (100%) PETRONAS Penapisan (Melaka) Sdn Bhd Malaysia Refining Company Sdn Bhd (100%) PETRONAS Management Training Sdn Bhd (100%) PETROSAINS Sdn Bhd (100%) Sanzbury Stead Sdn Bhd PETRONAS Capital Limited		
PETRONAS Global Sukuk Limited PETRONAS NGV Sdn Bhd Energas Insurance (L) Limited PETRONAS Technical Training Sdn Bhd (100%) PETRONAS Floating LNG 1 (L) Ltd (100%) PETRONAS Floating LNG 2 (L) Ltd (100%) PETRONAS Refinery and Petrochemical	PETRONAS LNG 9 Sdn Bhd (80%)	Pengerang Refining Company Sdn Bhd (50%) (formerly known as PRPC Refinery and Cracker Sdn Bhd)
Corporation Sdn Bhd (100%) PRPC Utilities and Facilities Sdn Bhd PRPC Water Sdn Bhd (100%) Pengerang Power Sdn Bhd (100%) PETRONAS Marketing International Sdn Bhd PETRONAS Energy & Gas		Pengerang Terminal (Two) Sdn Bhd (40%
Trading Sdn Bhd		
# Listed on Bursa Malaysia		

