



**NEWS RELEASE
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SHAPING MALAYSIA'S GREEN FUTURE BY HARNESSING ADVANCED NUCLEAR TECHNOLOGY

MALAKOFF TAKES A PROGRESSIVE STEP TOWARDS SUSTAINABILITY BY RECYCLING PLASTIC WASTE INTO FUEL USING TECHNOLOGY DEVELOPED BY MALAYSIAN NUCLEAR AGENCY, REDUCING LANDFILL IMPACT

BANGI, Malaysia – 16 January 2024: Malakoff Corporation Berhad (“Malakoff”) has elevated its sustainability approach through a strategic collaboration between its member company, Alam Flora Environmental Solutions (“AFES”) – a subsidiary of Alam Flora Sdn Bhd (“Alam Flora”) – and Malaysian Nuclear Agency. The collaboration was solidified through an exchange of Memorandum of Understanding (“MoU”) documents today, and with the aim of harnessing advanced nuclear technology to address environmental challenges.

The document exchange ceremony was held at the Malaysian Nuclear Agency office between Malaysian Nuclear Agency’s Director-General Yang Berusaha Dr. Rosli Darmawan and AFES’ Director, Yang Berbahagia Dato’ Mohd Zain Hassan.

Through this collaboration, the technology of Radiation Assisted Pyrolysis (“RAP”) will be utilised to convert plastic waste into valuable fuel and to produce high-value products more efficiently at a lower cost. AFES will assume the responsibility of collecting and sorting recyclable waste, while Malaysian Nuclear Agency will leverage their innovative expertise to transform these sorted materials into fuel and new value-added products. This project not only aims to significantly reduce plastic waste, but also to propel both AFES and Malaysian Nuclear Agency to the forefront of environmental conservation, fostering a commitment to sustainable practices and the advancement of technology.

Speaking on this strategic alliance, Malakoff’s Managing Director and Group Chief Executive Officer (“MD & Group CEO”) Encik Anwar Syahrin Abdul Ajib said the company is steadfast in its commitment to instigate positive environmental change through the synergy of collective expertise and resources.

“We believe that fostering the right partnerships is vital for shaping a greener future. Given the perpetual nature of waste, the innovation of converting chemicals from plastic waste into fuel is commendable. This not only addresses the issue of waste accumulation in landfills, but also transforms it into a valuable resource. The research and development on this have already commenced, undertaken by both AFES and Malaysian Nuclear Agency with the involvement of the International Atomic Energy Agency (“IAEA”) where a test rig has been constructed and has successfully undergone several experimental tests.”

“At Malakoff, our ongoing commitment revolves around pushing the limits of innovation to drive a sustainable future. This dedication not only aligns with the Group’s values but also resonates with our purpose of *‘Enhancing Life, Enriching Communities’*, signifying our contribution to both local and national development.”

This significant strategic partnership is part of Malakoff’s business pillar, Malakoff Environmental Solutions’ aspiration to focus on environmental management and solutions that are dedicated to serving communities and the planet. It is also in line with the UN SDG Goal No. 12 that ensures sustainable consumption and production patterns.

ABOUT MALAKOFF CORPORATION BERHAD

A sustainably-driven multinational energy generation and environmental solutions company, Malakoff is committed to enhancing lives and enriching communities. It is Malaysia’s largest Independent Power Producer (“IPP”) with a generating capacity of 6,953 MW through domestic thermal plants. The Group’s Renewable Energy portfolio stands at 153 MW, mainly comprising large-scale solar, rooftop solar and small hydro projects. Through its subsidiary, Alam Flora Sdn Bhd, Malakoff is also one of the country’s leading environmental services companies, managing waste volume of 5,748 tonnes per day.

Malakoff has established an international footprint of innovative solutions, notably through its power generation and water desalination ventures in Saudi Arabia, Bahrain, and Oman.

Currently in its next transformational stage, Malakoff is driving change to realise the Nation’s ambitions of carbon neutrality and a circular economy through its three core entities; Malakoff Green Solutions for renewables through solar, small hydro, biogas, biomass and carbon-free mobility infrastructure; Malakoff Environmental Solutions for solid waste management and public cleansing, infrastructure cleaning and waste solutions, integrated facility management, recycling, marine and hazardous waste solutions, water desalination and Waste-to-Energy projects; and Malakoff Energy for thermal power generation assets, operations and maintenance, electricity distribution and district cooling system.

In its pursuit of a cleaner and greener world, Malakoff is dedicated towards fostering collaboration, sharing of knowledge, and leveraging collective expertise to create a more sustainable and resilient future for all. For more information about Malakoff, please visit www.malakoff.com.my.

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