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For Immediate Release

Working Visit by the Minister of Housing and Local Government (KPKT) to Malaysia's First SMART WTE plant by Cypark

Port Dickson, 16 March 2019

The Minister of Malaysia's Housing and Local Government (KPKT), YB Puan Hjijh Zuraida Kamaruddin, has kindly spared time for a working visit to Cypark's Solid Waste Modular Advanced Recovery & Treatment (SMART) Waste-To-Energy (WTE) plant in Ladang Tanah Merah, Negeri Sembilan, today on 16 March 2019.

Joining the visit were KPKT Chief Secretary, including several federal agencies under KPKT such as Head Director of Jabatan Pengurusan Sisa Pepejal Negara (JPSPN) and Deputy CEO (Technical) Perbadanan Pengurusan Sisa Pepejal dan Pembersihan Awam (SWCorp). The visit was also accompanied by Municipal Council members from Nilai, Seremban and Port Dickson.

The Negeri Sembilan SMART WTE plant is the first of its kind to be constructed and to be operated in Malaysia. The SMART WTE plant is to date, the single largest investment made by Cypark. The SMART WTE is being constructed using proven and most widely used world class Japanese technology developed by Cypark's technology partner, Hitachi Zosen Ltd., Japan.

The plant designed to convert solid waste into energy in the form of electricity based on sustainable and integrated waste management concept, would include waste receiving facility (WRF), waste segregation facility (WSF) with material recovery or recycling facility, Fully Anaerobic Bioreactor System (FABIOS) and Waste-to-Energy plant. The integrated waste management facilities will have the capacity of receiving 1,000 tonnes of municipal solid waste per day. The WTE plant has the capacity to secure 600 tonnes of mechanically segregated and processed municipal solid waste a day as its high calorific value feedstock. The SMART WTE plant is able to produce between 20MW to 25MW of green energy, which is sufficient to power up 25,000 households within the vicinity of the plant.



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During the visit, the company showcased the first SMART WTE plant in Malaysia and highlights the benefits of such development to the people of Negeri Sembilan. It is envisioned that this plant will be the impetus for Cypark to develop more WTE plant across the region, especially in states that generate high amount of solid waste besides Negeri Sembilan, such as Pulau Pinang, Kedah, Melaka and Johor.

The Ladang Tanah Merah area of 70 hectares was originally designated by the Federal and State government as a sanitary landfill site to cater for the waste management in Negeri Sembilan. Cypark through its ingenuity and innovation, has proposed a holistic and integrated offering that encompasses not just waste management but also generation of renewable energy from three sources, namely WTE, Biogas (through the FABIOS) and solar which has achieved a more efficient utilisation of land resources. This has resulted the project not requiring the original land site allocation of 120 hectares for waste management purposes, of which the balance of the unused land has been surrendered back to the state government. This facility is currently the first of its kind integrated waste management solution in the region, thus further reaffirming Cypark's position as the market leader in terms cost and technology and also the only integrated player in the Malaysian renewable energy sector.

Cypark believed in the deployment of world's proven and superior class technology through its partnership with Hitachi Zosen in order to provide a holistic, cost effective, green and sustainable solutions in relation to waste management in Malaysia. Cypark firmly in the opinion that with this proven world class and cost competitive solution offering, it will further enhance its effort to lead the nation in more sustainable and green development. This is inline with the Malaysian Government noble intention to ensure a more green, renewable and sustainable waste management in Malaysia. Its proposed solution can be safely adopted in other states in Malaysia and at the lowest cost as evident currently Cypark has the lowest tipping fee rate for a WTE operation in Malaysia.

In supporting KPKT's initiatives, Cypark shall continuously strive for future strategic collaboration with the government, particularly in addressing fundamental pursuit for better solid waste management in Malaysia. Cypark proposes to achieve this is by strongly propagating the development of more integrated SMART WTE plants in Malaysia as one of the most cost effective and environmentally friendly option.



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During this ministerial visit, Cypark has highlighted to the Ministry on plant construction progress which is slated to complete within its contractual period. Currently, the plant is nearing completion and targeting to start its testing stage in April 2019.

"Upon its completion, the project will contribute substantively to the future revenue and earnings of Cypark. The revenue sources of the plant shall be mainly contributed by the sale of electricity to TNB and from the tipping fee" says Cypark's Executive Chairman, Tan Sri Razali Ismail. "Upon the commission of the plant, the company's future earnings contributed by long-term concessionaire type of income shall be increased significantly. We also expect to see even brighter prospects for Cypark in the space of environmental engineering and renewable energy in Malaysia in the foreseeable future".

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Photo caption: YB Puan Hajjah Zuraida Kamaruddin visit to Malaysia's First SMART WTE plant by Cypark

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About Cypark Resources Berhad

Cypark Resources Berhad ("Cypark" or the "Company") was listed on the Main Market of Bursa Malaysia Securities Berhad on 15 October 2010 with the stock name of "Cypark", and stock code of "5184".

Cypark is the leading Renewable Energy and Green Technology developer with in depth experience and proven technology to remediate, manage and transform contaminated sites into sustainable, beautiful and manageable fields, for a better and safer living environment. The company has also developed expertise and technical know-how to generate renewable energy (RE); especially on remediated sites, turning them into Integrated Renewable Energy Parks allowing waste biomass, landfill gas and solar rays to be harnessed to produce green energy. The Company provides environmental solutions focusing on the area of waste management, renewable energy generation, scientific closure and remediation of contaminated land through internally developed technology called ("COLARIS"), landfill restoration, ground water assessment, remediation, and information system called ("GARIS"), environmental monitoring and management, as well as wastewater treatment.



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Some of the major environmental transformation projects it has undertaken include the restoration of a disused mining land into a public park in Cyberjaya and scientific closure of 18 landfill sites nationwide. As a front runner in integrated renewable energy, Cypark is the proud recipient of ASEAN Energy Award (2016 & 2014), Power & Electricity Award (Asia) - Solar Project of the Year 2013, Asian Power Awards – Power Utility of the Year 2012 (Malaysia) and has also been awarded by Malaysia Book of Records for the following accolades:

1. Largest Grid-Connected Solar Park
2. Most Number of Solar Panels on a Grid-Connected Solar Park (Safely Closed Landfill)

More information on the Cypark Resources Berhad is available at www.crbenv.com



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