

GreenplusTM

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Sustainable and Green Business Magazine



WORLD AT THEIR FEET

*Melaka a shining example not only for
Malaysia but also in ASEAN*

**No more
plastic bags**

*Hypermarkets can't just
ignore calls to use
paper bags*

**All
in need**

*Enhancing green
practices for special
needs children*

**100 Green
hotels by 2018**

*Malaysia's sustainable
tourism set to impact
hotel industry*



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Effective learning and networking experience for all
for participated in Expo

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Asia's premier energy-saving
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Kochi airport becomes world's first to
completely operate on solar power

'Kurinka' (Clinker) road-paving method

➔ Material can absorb and retain 50 per cent of water from the maximum volume

Mensilin Green Energy Sdn Bhd (MGE) has introduced the "Kurinka" (Clinker) Road Paving Method, an innovative product from Japan that uses waste as the main material for the product.

It is basically a two-layer of an environmental friendly pavement material with permeable and water retention capability.

The main ingredient for producing Kurinka comes from recycled ash discharged from coal-fired thermal power plant. Unlike any other pavement materials, Kurinka can absorb and retain 50 per cent of water from the maximum volume of Kurinka pavement

before the water seeps into the ground slowly.

This means that flood can be prevented through the large amount of rainwater being absorbed by Kurinka and the water can be retained during sunny days. Another interesting feature is heat mitigation whereby, temperatures surrounding the Kurinka pavement can be lowered through the evaporation of rainwater retain by Kurinka.

This feature provides moisture for the pavement, a function which is similar to a natural soil respiration. It is also weed-proof, meaning that Kurinka material can effectively prevent grass weed from growing on pavements, a plus for landscapers who seek material that can maintain beautiful urban landscape.

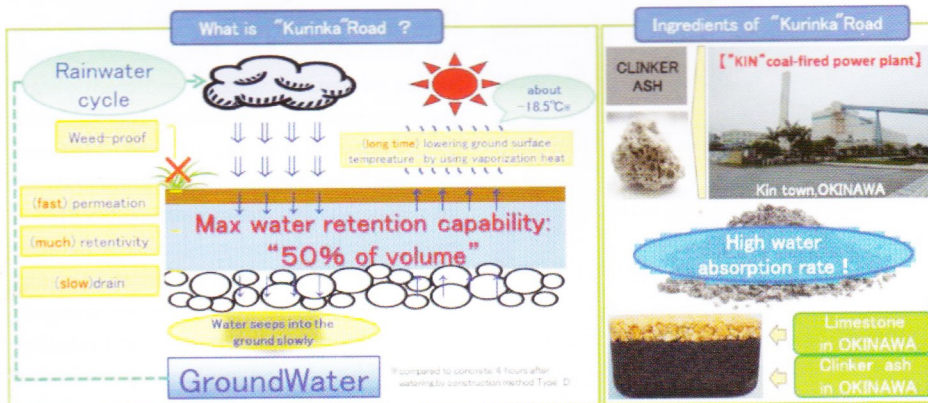
Because of the raw material that came from



CEO of Mensilin Green Energy Sdn Bhd, Ir. Mohamad Adan Yusof

recyclable coal ash, a wider use of Kurinka on public roads or private pavement could contribute significantly in reducing the amount of ash waste from coal-fired thermal power plants that usually being sent to the landfill.

Another interesting factor for contractors and developers is the construction process for Kurinka pavement uses simple labor based technology that requires middle technical expert to construct.



About Mercu RE Solution Sdn Bhd

Mercu RE Solution Sdn Bhd (MRES) was incorporated in 2015 for the purpose of undertaking sustainable waste and renewable energy projects. Based at Jalan Gasing, Kuala Lumpur, MRES also offers professional advisory services in waste management solution for municipality, commercial and agricultural clients.

We believe in customising the best green technology solutions that would create additional value with potential revenue streams.

Amongst the projects that we are currently involve is the "Waste to Wealth" project that provides a long term solution for municipal solid waste management.

The project introduces Renesciece technology, a sustainable waste management solution that would convert and utilise organics or non-recyclable waste for biogas generation to produce electricity and a one stop waste segregation facility that washes recyclables items.

The recyclable material would be segregated and sold directly to clients or be converted into value added products such as bio-fuel and fertiliser. Other projects that we are involved include biomass and biogas plant for agricultural wastes solution and solar PV for private, community or industrial clients.

It is also our vision to contribute to a greener and more sustainable world for generations to come.