

## CONCEPT NOTE

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# CIRCULAR ECONOMY – WASTE TO WEALTH

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KUALA LUMPUR, 7<sup>TH</sup> FEBRUARY 2018

VENUE: JW MARRIOTT, STARHILL MEETING ROOMS (4<sup>TH</sup> FLOOR)

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**The business case for a circular economy is compelling. Studies show that the global economy could benefit immensely from a more circular approach, embodied in material savings, emissions reductions and job creation.**

### Background

Sweden is one of the leading countries in the world in renewable energy. Sweden met its target of 49 % renewable energy by 2020 already in 2012, eight years ahead of schedule. In 2015 renewables provide 52% of Sweden's energy. To achieve this, Sweden launched an extensive support program on green energy, high taxation on carbon emissions as well as tax breaks for low emissions cars and efficient district heating to encourage local and regional climate investment.

In 2015 cooperation between Malaysia and Sweden on renewable energy was initiated by the visit of a Swedish renewable energy business delegation to Malaysia. The Embassy of Sweden, Business Sweden, the Ministry of Energy, Green Technology & Water (KeTTHA) and Green Technology Corporation jointly organized a Renewable Energy Seminar in conjunction with IGEM in 2015 & 2016 with focus on turning waste to wealth. The main objective was to share the Swedish know-how and expertise on waste to wealth as well as to explain how Sweden today manages to achieve a rate of 99% reuse of waste produced households, municipalities and industries, out of which approximately half is recycled and the other half used for waste to energy purposes. In other words, Sweden has gone through a recycling revolution considering that only 38% of household waste was recycled in 1975.

Latest studies clearly demonstrate how climate change mitigation targets and policies can combined with high levels of GDP growth. Strong climate policies contributing to economic growth and job creation has facilitated Sweden's transformation to a low carbon society.

As Malaysia is determined to move towards renewable energy and to reduce CO2 intensity with 40 percent by 2020 Business Sweden sees great opportunities for cooperation with Swedish industry which are at the forefront of developing and implementing renewable energy solutions such as biomass and municipal waste treatment in particular.

### Objectives

The objective with the session is to further explore cooperation opportunities between Sweden, Malaysia and Southeast Asia in the areas of waste to energy, waste to fuel and recycling. Industry experts will share their views and perspective on how Swedish models, innovations and technologies, which have resulted in 99% of all waste in Sweden being reused one way or the other, could be adapted into local and regional context.

## PRELIMINARY AGENDA

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**12:30 – 14:00**      **Networking lunch**

**14:00 – 16:30**      **Circular Economy – Waste to Wealth**

Key note presentations followed by panel discussion and individual meetings

Tentative speakers:



- **Mr David Lantz, Sustainability Manager, Solutions Southeast Asia**



- **Ms Terryz Tan, Environment Director Malaysia, Singapore, Philippines & Indonesia**



- **Mr Åke Eriksson, Managing Director Malaysia**