

Market insight: Green Energy Technologies in Malaysia

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#MarketInsight

GREEN ENERGY TECHNOLOGIES **e-mobility**

Malaysia aims to be a Green Technology hub by 2030

UPCOMING BUSINESS MISSION, HURRY UP!

Malaysia, 24-28 Oct. 2016
DEADLINE: 8 JULY 2016

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Malaysia aims to be a Green Technology hub by 2030, when the industry is expected to reach a **target contribution of € 13 billion of the national GDP**. The focus is on technologies such as green public transport (electric buses), electric vehicles, solar rooftops, green ICT, green building, and solutions to convert waste into energy. Specific targets are:

- **1,340 MW installed capacity by 2030** for palm oil biomass, the highest among other types of renewable energy
- **850 MW of solar photovoltaic** as building integrated applications by 2030
- **100,000 electric cars**, 100,000 electric motorcycles, 2,000 electric buses and 125,000 charging stations **by 2020**
- **Malaysia ranked 18th in the World Global Competitiveness Report 2015-2016. The outlook for green technologies has remained strong**, as the government has taken considerable steps to spur the growth of the sector in Malaysia.

The pursuit of green growth for sustainability is a key strategy outlined in the 11th Malaysia national development plan. The feed-in-tariff mechanism in Malaysia has been successful in making

renewable energy competitive with conventional energy sources. **Key Green Energy sub-sectors and technologies are:**

- **Electric vehicle components**
- **Solar PV modules** and balance of system
- **LED and OLED**
- **Biomass fuel/power** using indigenous feedstock
- **Methane capture and biogas power plants**

The market offers interesting **opportunities for EU companies in the following product areas:**

- Technologies, partnerships and research co-operation to support the **electric vehicle ecosystem** (electric vehicle components and charging station manufacturing, design, assembly and packaging)
- Partnerships to develop local talent and skills in servicing electric vehicles and installation and maintenance of electric vehicle charging stations
- Provision of financing - private equity, venture funds and capital market instruments to reduce financing barrier faced by small and medium enterprises
- Technologies, partnerships and research co-operation in **industrial waste recycling and wastewater treatment systems**
- Developing utility scale **solar power plants**
- Partnerships to transfer technology in **converting biomass to biofuels and biochemical and fuel switching** (industries to utilise biomass waste)

Does your company operate in the Green Energy industry? Do not miss the opportunity to **participate in a 5-day Business Mission to Singapore & Malaysia**. If your company meets the eligibility criteria, submit your expression of interest now and **complete your application by Friday, 8 July 2016**.



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