

# UAE's first automotive assembly plant by Scania is powered by PTLSolar

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PTLSolar™ experts in solar street lighting solutions across the Middle East and Africa, has announced that the company will illuminate the first automotive factory in UAE for heavy vehicles assembled by Scania, the world's third largest maker for trucks and buses. The GRENLite™ series energy efficient solar lights in Scania's new factory cum assembly line will have a performance life of up to 100,000 hours - lasting up to 100 times as long when compared with incandescent lamp.

PTL's varied list of clients include top organizations across the globe such as the Dubai Municipality, ETA Group, Dubai Civil Aviation, Dubai Outsource Zone, Nakheel, UAE Presidential Dept, Yobe State of Nigeria, Ministry of Iraq, Canadian Defense and United Nations as well as leading companies from the aviation, oil and gas, telecommunication, commercial and residential sectors.

PTLSolar™ focuses on energy-efficient lighting technology to produce solar lighting systems for a wide range of applications. The system requires no manual start-up but automatically switches on for dusk – dawn operation. The system was powered using high quality SHARP solar modules. Scania's assembly unit is spread across 20,000 square metre industrial site in JAFZA; the facility meets the highest environmental standards and is a Green Building, to be Gold LEED certified.

Fábio Castello, General Manager, Scania Middle East, said, "Environment has always been one of Scania's top priorities. So, when we decided to get established in this region where the sun light is abundant while fresh water is scarce, it was clear that our factory had to be "green". After evaluating alternatives for renewable energy sources, the adoption of solar lights for our yard seemed to be the most effective and less complicated solution, as these units are totally integrated, easy to install and to maintain. Besides that, we managed to eliminate conduits, cabling, distribution boards and all sort of electrical devices that are required for traditional street light fittings. At the time we looked at the market there were plenty of options, but one of our main concerns was to get a product with proven records in UAE's climate, where the combination of heat, humidity and dust is highly damaging for electronic equipment. So we went to those that had positive history in this part of the world".

"The solar powered lighting system will be used to illuminate the Scania factory yard. The stand-alone solar powered Induction lamps (GRENLite™) are providing reliable and economical source of illumination. The decision to offer GRENLite™ systems were based taking into consideration the high energy efficiency, higher life span, high lumen efficacy and very low lumen depreciation rate. The solar lighting system is expected to save approx 17MW of energy consumed per year and a major step towards sustainable development and commitment to Scania's environmental policies" said Mr Prabish Thomas, Managing Director, PTLSolar.

"These lights are suitable for illuminating areas where there is no electricity, where it would be too difficult or too expensive to install an electric supply or where an environmentally friendly 'green' lighting source is required. Perfect for lighting up pathways, driveways, lanes and car parks the Installation is relatively simple and

should take no longer than approximately 1-2 hours. It is yet another prestigious project for PTLSolar™ which will unquestionably help green energy in its quest to power sustainable growth," added Mr. Thomas.

PTLSolar™ pursues a global growth strategy: it produces, installs and plans renewable energy solutions for its customers in more than 20 countries across five continents.

PTL solar also recently bagged the prestigious 'Solar Car Parking Lights' project from Nakheel for its Dubai Water Front project. PTL Solar will be providing GRENLite™ Solar Car Parking Lights for this project which is located on the western shores of Dubai and is the biggest coastal development project in the world twice the size of Hong Kong Island. Waterfront's location ensures it is easily accessible on a local, regional and international basis.

(MENA Report)