



## Malaysia's Helios PV Co-Develops Container-Size Solar Solution With Retractable Panels; Can Power Typical Office For 15 Hours Off-Grid



*(Retractable Solar system co-developed by Helios PV and TA Asia)*

**Kuala Lumpur, Singapore, 17 March 2017** – Malaysia's **Helios Photovoltaic Sdn Bhd** ("Helios PV"), which is developing Sarawak's largest solar power project, has co-developed a unique solution that can deliver up to 15 hours of solar power for a typical office, with retractable panels housed on top of a 20-foot container.

Helios PV said its wholly-owned Singapore subsidiary **Helios PV (Asia Pacific) Pte Ltd** ("Helios PV Asia") teamed up with TA Asia Holdings Pte Ltd ("TA Asia") of Singapore to develop the solution, which has panels that can open up to capture solar energy and retract when not in use, making storage and transporting easier.

Each solar container can generate up to 4.7 kilowatts in ideal solar conditions, which can power a typical office site for 15 hours. As this is cheaper than diesel power, it is ideal for rural areas and construction sites with no or poor access to power grids.

**Comment [w41]:** Per hour?

Both parties are jointly researching methods to improve upon and market the retractable container. This is the second collaboration between both parties, following a solar leasing power purchase agreement for Helios PV to install a 154 kilowatt peak ("kWp") system on the roof of TA Asia's plant in June 2016.

Helios PV, an integrated solar power solutions specialist, is currently undertaking a five-phase project to supply and install a 6.5-megawatt system in the state of Sarawak in Borneo.

“The retractable solar solution reflects Helios PV's commitment to innovate and offer products that can offer differentiated value in the renewable energy sector. It has potential for off-grid rural areas and will be compelling because of the total cost savings compared to diesel-powered off-grid options,” said Mr Ken Ong Thuan Ming, Managing Director of Helios PV.

Certified with ISO 9001-2012 and approved by Malaysian authorities such as CIDB Grade G7 and Sijil Perolehan Kerja Kerajaan (SPKK), Helios PV is also a registered contractor of Tenaga Nasional Berhad and a member of the Malaysian Photovoltaic Industry Association (MPiA). The Group has provided grid-connected, off-grid and Building Integrated Photovoltaic (BIPV) solutions since 2010.

To date, the Group has installed and commissioned solar PV systems with an overall capacity of 2,499.8 kWp in Malaysia, generating 4,960.8 kilowatt of energy per hour.

Helios PV Asia's offerings include the design and installation of solar PV systems on the rooftops of customers in Singapore, who can lease them for up to 25 years. Customers pay for green energy which is consumed, metered and billed at either a fixed or discounted rate, pegged to the prevailing electricity tariff. An overall capacity of 1,232 kWp has been installed in Singapore, with 356kWp commissioned to date and a further 876 kWp to be commissioned by May 2017.

The Group has a presence in Malaysia and Singapore, and aims to expand to Thailand and China going forward.

For more information, visit: <http://heliospv.net/>

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### **About Helios Photovoltaic Sdn Bhd**

Helios Photovoltaic Sdn Bhd was incorporated in Malaysia in 2010 and is a registered CIDB Grade G7 Contractor which is also involved in consultancy services for alternate energy in the area of design and build for all types of photovoltaic projects, ranging from on-grid, off-grid solutions to Building Integrated Photovoltaic (BIPV). The Group currently has physical presence in both Malaysia and Singapore.