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***GREE and Agence Française de Développement enter into partnership to develop the HAMPARAN Biogas-to-Energy project in Lampung, Indonesia***

- » *The project will generate clean, reliable and affordable energy to contribute in supplying more than 25,000 Indonesians*
- » *The Hamparan project will become the largest grid connected biogas-to-energy project in Indonesia*

*Jakarta, Indonesia, September 4<sup>th</sup>, 2014*

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## **PRESS RELEASE**

GREE and the Agence Française de Développement signed on June 30, 2014 a partnership agreement for the development of the HAMPARAN project, a biogas-to-energy project that will produce clean, reliable and affordable heat and electricity in the rural areas of Lampung Province, South Sumatra, Indonesia.

The Hamparan Project is a partnership between GREE and a large tapioca starch manufacturer to produce biogas from the effluents and the solid residues (cassava pulps) of its cassava starch factory located in Lampung, Sumatra, Indonesia.

Starting in 2016, the HAMPARAN project will also become the largest biogas-to-energy project in Indonesia, exporting clean energy to the grid.

**With an investment of about 7 million USD, the project is fully owned by PT GREE ENERGY HAMPARAN and will consist in:**

- » Generating more than 18 GWh/year of clean, reliable and affordable power to contribute in supplying more than 25,000 Indonesians<sup>1</sup>
- » Generating up to 25 GWh of clean heat and renewable heat to substitute the coal currently used and improve the economic performance of the partner factory
- » Mitigating the greenhouse gas emissions of more than 100,000 t CO<sub>eq</sub> per year, that is comparable to the emissions of 350,000 private cars<sup>2</sup>
- » Improving the treatment of more that 1,000,000 m<sup>3</sup> of industrial effluents, that is comparable to 400 Olympic size swimming pool

The facility will generate at least 10 direct jobs and many others indirect.

Indonesia has emerged as a vibrant middle-income economy with a fast growing private sector. At the same time, Indonesia still struggles with one of the lowest electricity supply rates in South East Asia as around 30 percent of the population are without access to a reliable source of electric power. The lack of investment in infrastructure, particularly in electricity generation, needs to be addressed to release Indonesia's full economic potential. The HAMPARAN project contributes towards addressing Indonesia's growing demand for power in a cleaner and more sustainable way.

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<sup>1</sup> International Energy Agency (IEA), 2010

<sup>2</sup> Agence Française de Développement (AFD) Carbon Footprinting Tool v2 0 29

## About GREE:

GREE Energy is an **integrated operator** with **exclusive focus on biogas-to-energy**: we develop, build, finance and operate biogas-to-energy facilities.

Created in December 2013, GREE focuses on the biogas-to-energy market in **Southeast Asia**, a sector on the verge of taking a great leap forward in the region over the next 15 years.

GREE projects turn agri-business and food-industry organic waste - solid or liquid - into energy.

## About Agence Française de Développement/DFID partnership:

The Agency is a public utility company and a specialised financial institution. It is part of France's official public development aid scheme, further to a mission entrusted to it by the French Ministry of Foreign and European Affairs and the French Ministry of the Economy, Finance and Employment. Its mission contributes towards the Millennium Development Goals (MDGs), financing growth and preserving global public goods.

The Agency started its operations in Indonesia in 2007 with a mandate focusing on the fight against climate change. Through its first years of activity, the Agency extended loans to the Government of Indonesia and to local banks to promote the development of renewable energy and energy efficiency projects and support the Government of Indonesia's strategy to fight against climate change. In 2011, the Agency and the UK Department for International Development ("DFID") launched a joint initiative to promote investments in low carbon development in Indonesia. This initiative aims at accelerating relevant projects in the clean energy sector to the investment stage. The partnership entered into with PT GREE Energy Hamparan is part of this AFD/DFID initiative.

## PRESS RELATIONS

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