

Particulars

About Your Organisation

1.1 Member Name

GREE ENERGY Limited

1.2 Membership Number

8-0179-16-000-00

1.3 Membership Sector

Organisations

1.4 Membership Category

Affiliate

1.5 Country

Hong Kong S.A.R.

2.0 Does your company or organisation produce, process, consume or sell any palm oil or any products containing derivatives of palm oil?

No

2.2 Please select all the sectors that best describe the business activities of your company or organisation, including your primary RSPO membership sector. You may select multiple sectors and will be required to complete the ACOP form for the relevant sectors

- I am a bank or financial institution that finances or supports companies or organisations that produce or manufacture palm oil, palm kernel oil or related products
- I am a conservation and environmental NGO supporting the sustainable development of the palm oil industry
- I am a social and human development NGO supporting the sustainable development of the palm oil industry
- I am an Affiliate member of the RSPO, indirectly involved in the palm oil industry

Affiliates

1. Operational Profile

1.1 What are the main activities of your organisation?

Gree Energy collaborates with palm oil mills to transform palm oil mill effluent (POME) into biogas which generates electricity, provides sources for heat heat, while also contributing to the production of clean water and organic fertilizer.

1.2 What activities has your organisation undertaken to promote sustainable palm oil, the RSPO and/or RSPO members in the reporting period?

Gree Energy forms partnerships with RSPO-certified palm oil mills to create biogas systems that capture methane and effectively minimize emissions in the palm oil industry. By implementing biogas solutions, Gree Energy assists palm oil operations in substantially reducing their carbon footprint and achieving emission reductions.

1.3 What percentage of your organisation's overall activities focus on palm oil?

68.0%

1.4 Did members of your organisation participate in RSPO working groups and/or taskforces in the reporting period?

No

1.5 Does your organisation have any past or on-going collaborations with public or private sector palm oil industry players to support them in their efforts to increase the production or consumption of certified sustainable palm oil (CSPO)?

Yes

1.6 How is your organisation's work on palm oil funded?

Gree Energy activities are funded through public and private funds to develop biogas technologies for palm oil companies

2. Actions for Next Reporting Period

2.1 Please outline activities that your organisation will take in the coming year to promote the production or consumption of certified sustainable palm oil (CSPO)

Gree Energy has plans to implement the first phase of two biogas-to-energy projects partnering with palm oil food processors as the biogas feedstock. GREE designs and provides biogas-to-energy solutions that not only treat industrial wastewater and reduce greenhouse gas emissions, but also turn these environmental liabilities into clean energy, organic fertilisers and other commodities for rural communities. Our value creation model powers local economies and generates substantial returns for our investors, which enables us to scale our impact even further. The two projects will be able to reduce 113,000 tonnes of CO₂ every year (equivalent to the emission of 25,000 cars per year), create 27 GWh per year of clean and reliable energy enough to supply 53,000 people with clean and reliable energy and remove 20,000 ton of BOD₅ (equivalent to the domestic waste of 1 million people).

Challenges and Support

1.1 What significant obstacles or challenges has your company encountered in the promotion of certified sustainable palm oil (CSPO)? What efforts has your company taken to address these obstacles or challenges?

- Awareness of RSPO in the market
- Difficulties in the certification process
- Certification of smallholders
- Competition with non-RSPO members
- High costs in achieving or adhering to certification
- Human rights issues
- Insufficient demand for RSPO-certified palm oil
- Low usage of palm oil
- Reputation of palm oil in the market
- Reputation of RSPO in the market
- Supply issues
- Traceability issues
- No challenges faced
- Others

Others

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1.2 In addition to the actions already reported in this ACOP report, what other ways has your company supported the vision of the RSPO to transform markets to make sustainable palm oil the norm?

- Communication and/or engagement to transform the negative perception of palm oil
- Engagement with business partners or consumers on the use of CSPO
- Engagement with government agencies
- Engagement with peers and clients
- Promotion of CSPO through off product claims
- Promotion of CSPO outside of RSPO venues such as trade workshops or industry associations
- Promotion of physical CSPO
- Providing funding or support for CSPO development efforts
- Research & Development support
- Stakeholder engagement
- No actions taken
- Others

Others

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1.3 If your company has any other publicly-available reports or information regarding its palm oil-related policies and activities, please provide the links here

<https://www3.wipo.int/wipogreen/en/pdf/wipogreen-pome-technology-catalog-winrock-Sep-30-2021.pdf>