



## Project information

<b>Project name</b>	<b>Landfill Gas to Power</b>
<b>Country</b>	Philippines, Luzon
<b>Project background</b>	<p>The landfill owners are looking for a Build-Operate-Transfer (BOT)/ Build-Own-Operate (BOO)/ performance contracting type of agreement for the engine-generator system that will supply power to the grid; a local power company will operate the facility.</p> <p>The owner has commissioned a similar project in the Philippines that is now operational.</p>
<b>Project type</b>	Renewable energy/ biogas
<b>Project scope</b>	Initially designed for 4-MW capacity, up to 6-MW in the future
<b>Emission reductions</b>	<b>Estimate:</b> 18,000t/yr (grid) for 4MW Methane emission avoidance t.b.d.
<b>Funding method</b>	<b>Estimate:</b> Capital cost for 4 MW equipment US\$6.65 million
<b>Project period</b>	t.b.d.
<b>Project details</b>	<p>4 sets of 1 MW engine-generators. Customer is considering Jenbacher or Waukesha reciprocating engines or Capstone Microturbine technology.</p> <p>The balance-of-plant (BOP) such as the digester system and electrical systems are excluded from this request.</p>