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# PRODUCTION OF BIO METHANE FROM WASTE

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## Abstract:

The production of biomethane can be possible with methogenesis method and electrolyte method. The production of biomethane is done by means of anaerobic digestion. The anaerobic digestion can be done by means of archae bacteria. The archae bacterium now convert the bio waste to methane and CO<sub>2</sub>. The produced CO<sub>2</sub> can be separated by the means of potassium hydroxide. The removed CO<sub>2</sub> can be converted to methane using electrolyte process. The CO reacts with molecular hydrogen, which leads to produce methane. Molecular hydrogen and oxygen can be produced by the means electrolytic process using water. Molecular hydrogen is reacting with CO<sub>2</sub> leads to produce methane.

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