

Entrepreneur India

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BIOGAS PRODUCTION

Capacity:	450 KGS/day
Plant and machinery cost:	6.00 Lakh
Working Capital:	0.00 Lakh
Rate of return(ROR):	40.00 %
Break Even Point (BEP):	35.00 %
TCI:	29.00 Lakh
Cost of Project:	29.00 Lakh

An effective biogas programme leads to efficient use of cow dung for gas recovery and partial supplement to plant nutrient requirement. Biogas programme leads to improvement in rural living including rural sanitation. Biogas fermentation a process occurring widely in nature can be defined as a biological process, in which biomass or organic matter, in the absence of oxygen, is converted into methane and carbon dioxide. It is characterized by low nutrient requirement, low production of methane as a useful end product. Waste materials like cow dung, buffalo dung, horse dung, sheep droppings, camel dung, goat droppings, piggery waste and poultry droppings have been observed to exhibit varying gas production behavior. Poultry droppings have been found to be the quickest and the highest gas producing material, whereas the cow dung as the lowest. There is a good scope for new entrants to invest in this project.

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.

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