

North Eastern Development and Finance Corporation
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Assam

Final Report

Benchmark Study for Identifying the Baseline Data for Socio-economic Benefit Indicators for the Assam Gas Cracker Project

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TITLE OF THE STUDY

BENCHMARK STUDY FOR IDENTIFYING THE BASELINE DATA FOR SOCIO ECONOMIC BENEFIT INDICATORS FOR THE ASSAM GAS CRACKER PROJECT

EXECUTIVE SUMMARY

E.1 Introduction

The Assam Gas Cracker Project is being implemented by M/s. Brahmaputra Cracker and Polymer Limited (BCPL), which is a joint venture company of GAIL, OIL, NRL and AIDC (Government of Assam). This integrated petrochemical project in Assam is expected to produce 220,000 tons of polyethylene, 60,000 tons of polypropylene, 55,000 tons of raw pyrolysis gasoline and 12,500 tons of fuel oil per year. The site selected for Assam Gas Cracker Project is at Lepetkata, 15 km from Dibrugarh town on NH-37 along river Sessa in Assam.

The total land earmarked for the project is around 1100 Acres and the land acquisition process has already been completed with the help of State government. A total of 66 families have been rehabilitated with compensation provided for crops, houses and infrastructure.

North Eastern Development Finance Corporation Ltd. (NEDFi), has engaged Mott MacDonald for undertaking the *Benchmark Study for Identifying the Baseline Data for Socio-economic Benefit Indicators for the Assam Gas Cracker Project*.

The main **Objectives** of the study are:

- To identify various socio-economic indicators and determine the baseline data for the same on the basis of in-situ investigations.
- To evolve a methodology for continuous evaluation and monitoring of the identified socio-economic indicators.

The overall **Approach** was multi-disciplinary and diagnostic, involving both primary and secondary sources wherever applicable. On the basis of the Terms of Reference and discussions held with the Client and our understanding, a broad category of benefit indicators and their sub-categories were listed and presented to NEDFi in the form of an Inception Report. These indicators have been broadly categorised into:

- Economic/Development Indicators
- Sector-Specific (Plastic) Indicators
- Infrastructure Indicators
- Social Indicators

These indicators have been further subcategorised into critical and desirable indicators for prioritisation of the assessment of impacts. During the course of the study, specifically after the primary and secondary data collection was completed, the team shortlisted, from these indicators, a select set of indicators under each of the above broad heads depending on impact of investments as well as data availability from published sources. Data available from published sources is required as in subsequent years, the data needs to be collected from these sources for continuous monitoring.

The baseline data have been collected mainly from published sources. The data have been collected both for Assam and the other North-Eastern states, and the PIA.

A monitoring framework for assessment and evaluation of the identified socio-economic indicators has been developed. The framework provides the baseline data, data source, year in which the data should be tracked as well as the impact whether positive or negative.