

Iron Ore Tailings
 Port of Buchanan, Liberia

LOCATION
BUCHANAN, LIBERIA

SECTOR
IRON ORE

CLIENT
MINING COMPANY



OVERVIEW

A-Cubed Consulting (as Ports of Africa) was retained in November 2008 by GRD Minproc (now AMEC) for this Jonah Capital project. Jonah Capital had acquired the iron ore tailings concession at Buchanan and was looking to extract iron ore from the tailings and export it through the port of Buchanan.

A-Cubed were appointed to undertake a logistics study to cover the export routes from the processing plant to FOB.

SCOPE OF WORK & METHODOLOGY

The study entailed a site visit to Buchanan to assess the options first-hand and meet with the port authorities and logistics stakeholders in Monrovia. From the data collected and analysed, materials handling and shipping options were considered, options selected and captured in block flow diagrams depicting the proposed system, at a high level.

Also taken into consideration were the constraints and potential bottlenecks in the system whilst careful consideration was given to appropriate logistics options, route selection, optimal vessel size and materials handling solutions.

This enabled a financial model consisting of a CAPEX and OPEX, to be developed for incorporation into the project's financial model.

