



CLIENT STORY | FEASIBILITY STUDY FOR SETTING UP A MULTI-CARGO GREENFIELD PORT

Region :
 INDIA

Consulting Services :
 FEASIBILITY STUDY

CLIENT SITUATION

- The client is a large Indian mining company with interests in infrastructure and power
- The client wanted to conduct a feasibility study to understand the multi-cargo potential for a new greenfield port terminal in South India, including dry bulk, liquid bulk, container traffic and gas terminal
- The objective of the study was multi-fold:-
 - Techno-commercial feasibility of the greenfield port
 - Market feasibility in terms of traffic assessment for multi-cargo

OUR APPROACH

- Techno-commercial assessment was done by
 - A) Defining the hinterland boundary for the port
 - B) Assessing current and future infrastructure support to the hinterland
 - C) Building multi cargo traffic estimation scenarios basis the existing and proposed capacities in coal, iron ore, steel, refineries, gas terminals, etc, in the port hinterland
- Competition assessment was done by studying the ports and terminals in the vicinity and estimating cargo traffic for competitor ports
- High level feasibility study was also conducted for crude oil and edible oil refinery as well as gas (LPG, LNG) terminal at the port location under study
- High level assessment for other cargo opportunities such as ship-building yard, trans-shipment opportunity and car carrier service was also conducted to understand the overall traffic potential for the port

OUR RECOMMENDATION/ IMPACT

- The traffic assessment for the port under study was made available to the client, along with an overall assessment for all the ports in South India
- Basis the traffic projections and post benchmarking against other ports, certain infrastructure recommendations were also made to the client such as storage space requirement for iron and coal, warehousing space, CFS/ICD, truck terminal, logistic park, etc