




Case study

Onshore Mozambique development

Project details	
 Start date	2015
 End date	2015
 Location	Mozambique

Overview

The client's prospect is situated, onshore Mozambique. The client had identified two oil discoveries in the region, potentially holding reserves of up to 268 mmboc.

ADIL were approached by the client to rapidly assess the potential of this stranded field before they undertook any further, more detailed, assessments of the assets.

ADIL's approach

ADIL conducted a rapid study of the potential development concept for the prospect to understand the investment required to bring the asset on stream to help determine if it was economically viable.

ADIL's approach was to utilise a team with extensive remote onshore experience, and combine this with their ACE (Accelerated Conceptual Engineering) service offering. ACE is a process for quick, cost effective technical and economic evaluation to assist in upstream development decision making. It is an integrated

engineering process, managed by experienced project and discipline engineers, with selected utilisation of specialised software tools.

The onshore options were analysed through the ACE: Facilities process, allowing ADIL to define the basis of design (BOD) for the study and to quickly quantify the cost estimates.

ADIL utilised their specific knowledge of Mozambique, including the infrastructure that would be required, viable oil and gas export routes, logistics constraints and likely drilling costs, to rapidly deliver their assessment to the client.

Deliverables

ADIL's experience, expertise and use of their ACE process ensured that they were able to complete the study and provide the output to the client in a short timeframe (one week).

A conventional approach would have required the client to supply the BOD and would have required a longer execution time to develop technical definition, resulting in higher costs and longer timescales for the study.

