Tibar Port

Initial Progress Report

Technical Presentation
IFC: February 2013

Possible Port Locations Near Dili
No Land Space for Expansion at Dili Port

Assumed GoTL Port Location Selection Criteria

- **sheltered** - protection from sea swell/waves and storms
- **relatively close proximity to Dili** – within 15 km by road
- **adequate wharf berthing length** - including future expansion
- **adequate land area** - landside storage and administration facilities
- **low impact on existing landside developments and settlements**
Port Layout Options

Final option will depend on:
Economic, Engineering, Environmental & Social Criteria

Option 1A
Option 1B
Option 1C

Port Layout Options (cont.)

Option 2A
Option 2B
Scoping - Main Environmental and Social Criteria being Assessed

- **Bay marine habitat types & unique species**
  - coral
  - seagrass
  - mangroves
  - deeper water

- **Terrestrial habitat**
  - potentially directly & indirectly affected by the port

- **Local settlements & livelihoods**
  - households along the foreshore
  - impact on local livelihoods - fishing, fish farming, grazing, salt, etc

- **Other developments**
  - Dili-Liquica road
  - Oil terminal
  - Tibar Bay Resort
Other Users of the Area
## Initial Comparison of Tibar Bay Port Site Options - Main Environmental and Social Issues

<table>
<thead>
<tr>
<th>Option</th>
<th>Location</th>
<th>Main Likely Impacts</th>
<th>Environmental</th>
<th>Social</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>Northeast corner</td>
<td>Mangrove removal - large</td>
<td>Coral - moderate</td>
<td>Resettlement - 10 houses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coral removal - moderate</td>
<td>Mudflat development - minor to moderate</td>
<td>Close proximity to remaining houses</td>
</tr>
<tr>
<td>1B</td>
<td>Northeast corner - offset into bay, north of mangroves</td>
<td>Coral removal - moderate</td>
<td>Mangrove backwater created</td>
<td>Resettlement - 10 houses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resettlement - 10 houses</td>
<td>Fish pond removal</td>
<td></td>
</tr>
<tr>
<td>1C</td>
<td>Southeast corner</td>
<td>Mangrove removal - large</td>
<td>Coral removal - moderate</td>
<td>Resettlement - 1-2 houses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mudflat development - large</td>
<td>Fish pond removal</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Southeast side bay - short wharf</td>
<td>Seagrass removal - large</td>
<td>Mangrove removal - minor</td>
<td>Oil terminal removal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coral removal - moderate</td>
<td>Seagrass removal - large</td>
<td>Resettlement - 3-4 houses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coral removal - moderate</td>
<td>Seagrass removal - large</td>
<td>Resort - loss of amenity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coral removal - moderate</td>
<td>Oil terminal removal</td>
<td>Road relocation - 250 m</td>
</tr>
<tr>
<td>2B</td>
<td>Southeast side bay - long wharf</td>
<td>Seagrass removal - large</td>
<td>Coral removal - moderate</td>
<td>Oil terminal removal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coral removal - moderate</td>
<td>Seagrass removal - large</td>
<td>Resettlement - 3-4 houses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coral removal - moderate</td>
<td>Seagrass removal - large</td>
<td>Resort - loss of amenity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coral removal - moderate</td>
<td>Seagrass removal - large</td>
<td>Road relocation - 250 m</td>
</tr>
<tr>
<td>3</td>
<td>Northeast bay - offset from shoreline</td>
<td>Seawall construction along reef/rock shelf - around 750 m</td>
<td>Seagrass removal - modest</td>
<td>Oil terminal removal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coral removal - moderate</td>
<td>Coral removal - moderate</td>
<td>Resettlement - 10 houses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coral removal - moderate</td>
<td>Coral removal - moderate</td>
<td>Fish pond removal</td>
</tr>
<tr>
<td>4</td>
<td>Northern reef and eastern shoreline</td>
<td>Coral - large</td>
<td>Seagrass - moderate</td>
<td>Resettlement - 4-5 houses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seagrass - moderate</td>
<td>Removal of large volume of spoil - underlying reef (dead coral)</td>
<td>Loss of fishing boat mooring area</td>
</tr>
</tbody>
</table>

Note: preliminary information only.

## Environmental & Social Scoping Report

- **Desktop study**
  - completed January

- **Field surveys**
  - completed 28 January – 15 February

- **Inception Report**
  - due ? March

- **Scoping Report**
  - due ? April
  - identification of major E&S issues
  - initial assessment of major E&S issues
  - detailed ESIA terms of reference
  - E&S analysis of Tibar Bay site options