



ENVIRONMENTAL ASSESSMENT

EIA for power plant developments in Thailand and the Philippines: Working for international consultants and development banks, **Envision** has provided specialist advice on the environmental impacts on tropical ecosystems from the construction and operation of such large infrastructure developments. **Envision** has:

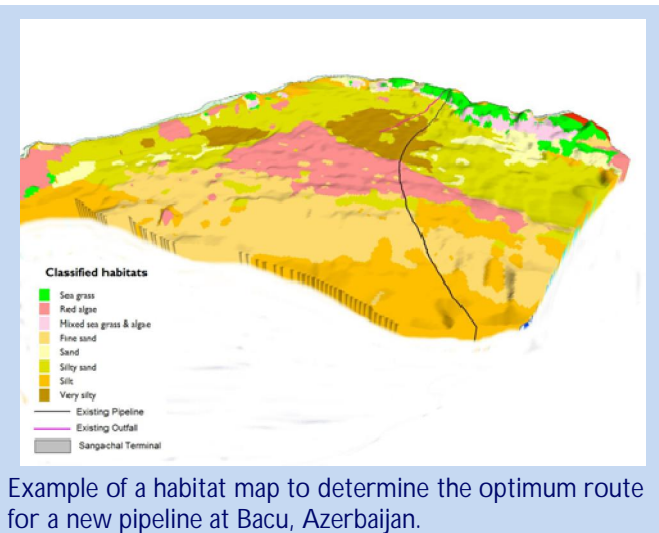
- Assessed the environmental impacts on coral reefs from construction and operation phases and the discharge of effluents.
- Advised on the appropriateness of measures to mitigate for any impact.
- Provided advice based on local legal regulations and standards as well as International Best Practice.



Ilijan power plant in the Philippines. Envision staff worked on the environmental impacts such a large infrastructure might have on local coral reef systems.

Planning pipeline routes: Development of offshore oil exploration and production required additional pipelines to the Sangachal Bay oil terminal in Azerbaijan. The authorities needed high quality spatial information to monitor the effects on the local ecosystem as well as that of the Caspian Sea as a whole. **Envision:**

- Identified the abundance and distribution of seagrass communities in Sangachal Bay.
- Improved understanding of the ecological importance of the sublittoral flora & fauna.
- Detected changes which may have occurred between this and previous surveys and provided data suitable for future monitoring.



Example of a habitat map to determine the optimum route for a new pipeline at Bacu, Azerbaijan.

Offshore windfarms: **Envision** has undertaken benthic habitat assessments as part of the EIA associated with applications for windfarms and cable corridors that require information on seafloor sediments, seabed morphology, habitats (particularly those of high conservation interest) and wrecks. **Envision:**

- Undertook a comprehensive range of environmental surveys.
- Provided an overview of the importance of the seafloor habitats in a local and national context.
- Provided advice to the client on likely locations of sensitive habitats.



Windfarm off the Norfolk coast, UK.