



Waste and Recycling Facilities Study - Oman

In January 2007 BP signed a major exploration and production sharing agreement with the government of Oman for the appraisal and development of Block 61 and the Khazzan and Makarem gas fields.

The Khazzan Project will provide new gas supply to Oman on a significant scale. The full field development of the resource, involves drilling around 300 wells, with first gas planned for 2017.

Project Background

Through a competitive tendering process BP appointed Five Oceans Environmental LLC and Globe Environmental Consultancy (GlobeEC) to conduct a full scales assessment and feasibility study on all waste and recycling infrastructure within Oman and UAE.

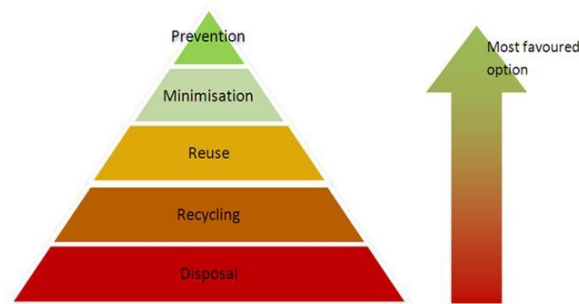
GlobeEC was the technical lead and provided project management services.



Project Challenge

The project is anticipated to see the construction of over 300 engineered well sites, an extensive pipeline network and a gas processing plant. During the drilling, construction and operational phases a large number of recyclable materials are likely to be produced over a twenty five (25) year period.

BP identified limited waste infrastructure in Oman as being an environmental concern.



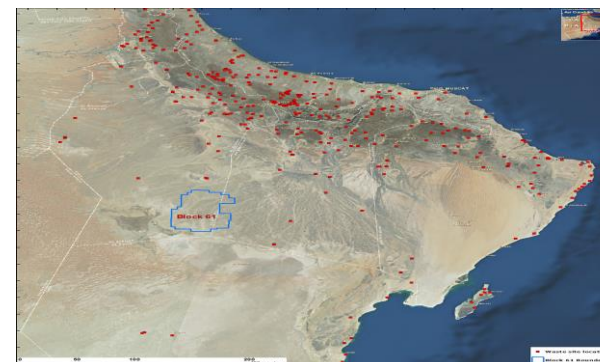
Project Summary

The project required identification of suitable waste and recycling facilities within Oman and the UAE to accept the following materials:

- ◆ Paper
- ◆ Cardboard
- ◆ Scrap metal
- ◆ Plastic bottles
- ◆ Glass
- ◆ Wood
- ◆ Used oils
- ◆ Car batteries
- ◆ Tyres

Over 130 facilities were identified within Oman as providing some kind of waste management, treatment, recycling and disposal services.

Through careful shortlisting and elimination the number was reduce to 40 facilities, worthy of progressing to the next phase.



All 40 sites were visited, surveyed and evaluated against stringent sets of standards, such as; proximity, HSE, processes, in country value etc.

The Results

GlobeEC Successfully identified 27 waste and recycling facilities within Oman capable of meeting BP's rigorous environmental standards, as well as, being able to accept and treat the variety of materials generated.

"The waste and recycling facilities infrastructure study was well executed and comprehensive and has provided useful information for the BP Khazzan project. The work was managed well, all the various elements were co-ordinated efficiently, and the end product was delivered in a timely fashion".

Kate Pickard – Environmental and Social Lead, BP Khazzan Project

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