

## CASE HISTORY

### Muelle terminal flexible pipeline installation feasibility assessment

#### Project Description

The Muelle terminal in Honduras are looking to replace existing rigid pipelines on the terminal pontoon with 16-inch OD flexible pipelines due to concerns of seismic activity in the area.

The flexible pipelines (~130m each) are to be installed and protected by concrete mattresses in a maximum water depth of 10m.

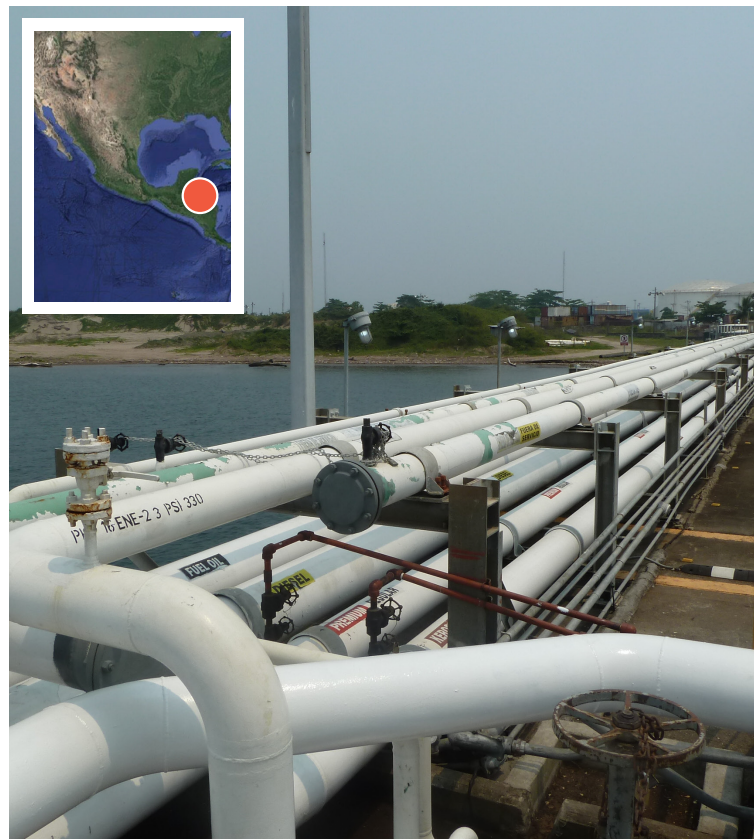
In addition to the flexible pipelines, spools, secondary pipework and support structures may be required to tie-in the flexible pipelines to the existing facilities on the pontoon operating platform and shore approach.

#### Our Scope

Baker Hughes engaged with Sealand Projects to provide engineering and project management support to assess the feasibility of the flexible pipeline installation activities.

#### Deliverables

Installation feasibility report;  
Muelle terminal and Puerto Cortes port site visit ToR;  
Muelle terminal and Puerto Cortes port site report;  
Class 2 project cost estimate;  
Level 3 outline project schedule;  
Flexible installation analysis report;  
OrcaFlex model.



#### Key Facts

<b>Client:</b>	Baker Hughes / Chevron
<b>Location:</b>	Honduras
<b>Water Depth:</b>	0m - 10m
<b>Date:</b>	Q1 - Q3 2023
<b>Project Reference:</b>	P0792

#### Services Provided

##### Package Management

Business Assurance  
Carbon Management  
Energy Transition

##### Engineering Design and Analysis

Marshalling, Transport, Installation and Field Support  
Floating systems, Towing, Mooring and Hook-Up  
Visualisation and Digitalisation

#### For more information:

Tel: +44(0)1224 004999  
Email: [enquiries@sealand-projects.com](mailto:enquiries@sealand-projects.com)  
Web: [sealand-projects.com](http://sealand-projects.com)