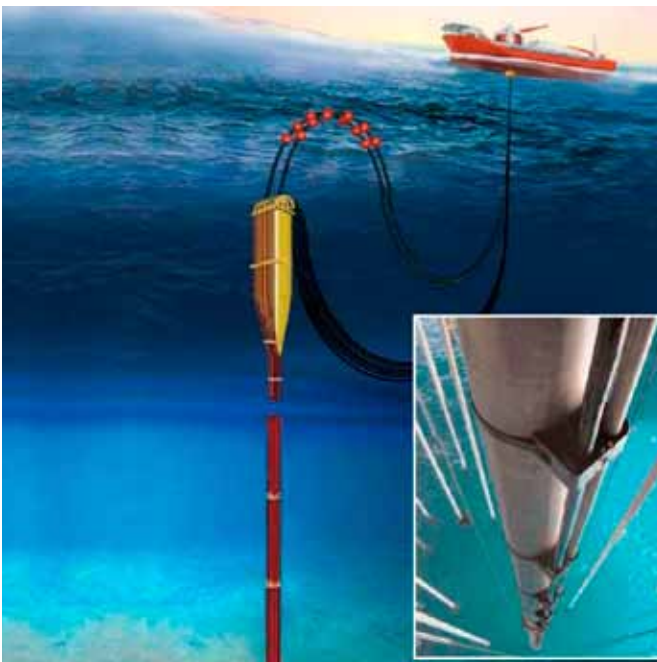


# Feasibility, conceptual design

Capability statement



An offshore pipeline project begins with a wide range of conceptual options, which are gradually refined until the right solution is determined.

## Technically suitable and most cost-efficient option

When starting from a blank sheet, it is important to have the expertise of experienced engineers working on your team. By eliminating unfeasible options from the start, significant savings can be made. From an initial brainstorming session to the selection of a number of potentially feasible options, Jee provides the skills required to narrow a project down to a manageable size.

At Jee, we work with you to ensure all the feasible solutions have been analysed and the optimal solution is delivered, giving you the best and the most cost-efficient solution.

## Our knowledge

We have carried out feasibility studies for all types of offshore pipeline systems and components including; risers, flowlines, protection structures, wye-pieces and many others. It is from this experience that we have built up a substantial knowledge and wealth of experience to ensure we deliver high-quality and bespoke solutions to our clients.

Feasibility studies carried out by Jee include:

- ✦ Pierce subsea tie-back study, including cost estimates for pipelines, risers and umbilicals, plus a study into the potential drivers for cost-savings due to lay methods and use of bundles.
- ✦ Feasibility study of the use of 13% chrome with mechanical connectors as a corrosion resistant material for a pipeline development in Columbia

## Proven track record

- ✦ PTTEP 2007 – Conceptual study for a new flowline
- ✦ Perenco 2006 – Davy East feasibility, conceptual design
- ✦ CUEL 2004 – Front-end subsea pipeline conceptual engineering study
- ✦ BP 1998 – Feasibility study: lateral onshore pipeline buckling

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Jee assessed the feasibility of a pipeline in just three days, their excellent response helped us achieve timely installation.

Jirapong Dharaphop, Senior Manager, TOA Special Projects  
Head of Task Force – Northern Arthit Development Project, PTTEP

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### List of related services

- ✦ Flow assurance
- ✦ Field development studies
- ✦ Pre-FEED and FEED
- ✦ Detailed design specialist studies
- ✦ Installation engineering
- ✦ Construction support
- ✦ Verification

### For more information

To find out how Jee can help manage and implement your engineering projects, please call us on +44 (0) 1732 371 371 or email [info@jee.co.uk](mailto:info@jee.co.uk).



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