starting with the end in mind we bring an integrated and holistic approach

challenge
our client wanted to invest in offshore blocks and needed a development concept to meet their value drivers.

io approach
4 initial development cases were identified and evaluated:
- Tamar lookalike - subsea wells and 100km infield pipeline to a shallow water platform (gas dewpointing and liquid export) with additional 10km dry gas and liquid pipelines to onshore receiving facilities including gas metering and liquid storage and export
- Subsea wells to a deep water FPSO (gas dewpointing, liquid and offloading) and a 110km gas pipeline to onshore receiving facilities including gas metering
- Subsea wells and 110km multiphase pipeline to onshore production facilities including gas dewpointing and metering, liquid storage and export.
- Subsea tie-back to existing facilities

value driver
io used an integrated and holistic approach to meet the client value drivers of speed to market, minimising capex to 1st gas & execution risk, with an ability to enable external finance.

result
The study recommended a deep water FPSO with dew-pointed gas export to beach which offered best overall value and superior operating regime when compared with other cases.

actions taken
- we conducted a concept verification study and cost estimate of a large deep water gas and condensate development with an onshore gas market including processing and pipeline facilities
- this study was executed over 6 weeks and utilised io’s in-house concept evaluation and cost estimating tools
io provides a uniquely integrated technical, strategic and commercial approach to field development planning

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We start with the end in mind, bringing an integrated and holistic approach to field development planning, which is uniquely integrated across the technical, strategic and commercial.

Why not get in touch to find out more about how the io way can add value to your business by delivering greater certainty and higher decision quality.

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