



3D model of oil platform for Shell UK

Shell commissioned a 3D visual model and presentation, illustrating the engineering modifications being made to the Leman Bravo platform, located off the Norfolk coast.



Case study by
Clare Montgomery
Marketing manager
18/10/2017



3D animated model of Leman Bravo platform

Project history

Shell is a major energy producer and supplier and provides around 13% of the UK's total oil and gas production. It produces oil and gas from more than 65 interests in the North Sea, operating more than 33 offshore installations and one Floating Production Storage and Offtake vessel.

It also runs three onshore gas plants and a marine terminal that distributes natural gas liquids around the world.

Shell approached our drawing team to produce a 3D visual model and presentation to illustrate the piece by piece, the various engineering modifications that were being made to the Leman Bravo platform, located off the Norfolk coast.

Shell supplied CADS drawing team with technical illustrations of the platform which our studio had to interpret and transpose into a 3D visual model. The original data was supplied in various non-editable formats including technical drawings and photographs, which the team redrew into a new, useable format.



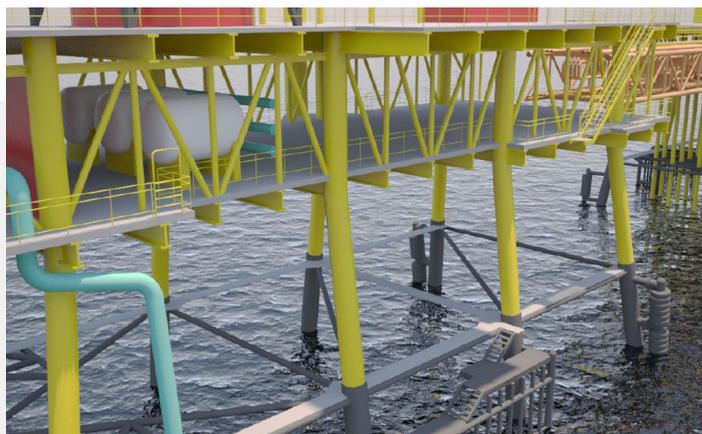
CADS produced a 3D visual of each stage of the modification process from a variety of angles which was incorporated into a presentation and used as an internal communication tool to brief engineers. The new animated model replaced a more complicated method of visually demonstrating the process with 2D plans, text and photos.

“Shell is a friendly and helpful client to work with. They are willing to take the time to explain an interesting and complex subject matter, which gives the team a clear understanding of what they need to show in the final presentation. This thorough brief before work commences ultimately helps the timescale and level of detail in the visuals that we produce.”

Jason Howard – 3D Visualiser, CADS

Implementation Engineer Shell UK

“We are delighted with the 3D visuals. The presentation clearly and simply demonstrates the modifications and is now used internally as a key briefing tool for engineers as well as for obtaining permission from the Health & Safety Executive for the modifications to take place. Besides improving the quality of



our essential HSEQ communication, one of the great benefits in using CADS is that we can quickly and cost-effectively get the visuals updated in conjunction with legislative changes or to illustrate different models of the rig.”

Ready to get your project started?

Call
+44 (0)1493 440444

Email
sales@cadsonline.com