

# Prelude, FLNG

## KINTEX, Gastech Exhibition, Korea



Recently named the most 'exciting project in the global gas industry', Prelude FLNG is a revolutionary technology that will allow access to remote gas fields using the world's largest floating offshore facility. Created and developed by Shell, the flagship vessel was introduced at GASTECH Korea, a leading trade event for the international oil and gas industry.

To launch the vessel, Imagination wanted to illustrate the complex capabilities of FLNG in an immersive theatrical experience, that vividly described how FLNG works and what it's designed to do.

Bluman Associates were chosen to consult and produce an indoor mapped projection show for Shell. Managing the entire AV process from virtual imaging to technical realisation, Bluman Associates brought the Prelude FLNG Vessel to life in a custom-built exhibition booth.

Key to the design, was the creation of a scale model of the vessel to project onto. The team only had 4 days onsite to complete the build and installation. With no access to the venue prior to their arrival in Korea, it was crucial that the 8m x 6m x 4m space was imagined accurately. Once the custom ship model was generated, Bluman created a three dimensional CAD drawing of the inside of the exhibition booth.

By inserting a computer-generated model of the vessel into the drawing, Bluman successfully plotted the projection design in the 3D space. Plotting in 3D allowed the flexibility to modify projection designs easily, solving any potential difficulties prior to arriving onsite.

Utilising D3 technology to map both the wide model and the backdrop, the design required thirteen projectors. The limited space of the exhibition booth presented several more challenges. Ventilation was a significant consideration along with the difficulties associated with lining up and blending a large number of projectors to create a seamless mapped projection.

Throughout the process Bluman Associates had to innovate not only technically, but in the way they managed the creation of content for the 3D environment. Providing art direction and technical authoring management, Bluman consulted on every process, educating animators on mapping techniques, ensuring their content would comply within the presentation environment.

### Credits

Client: Shell

Contracted by: Imagination

Role: Technical consultancy, art direction, design and installation

