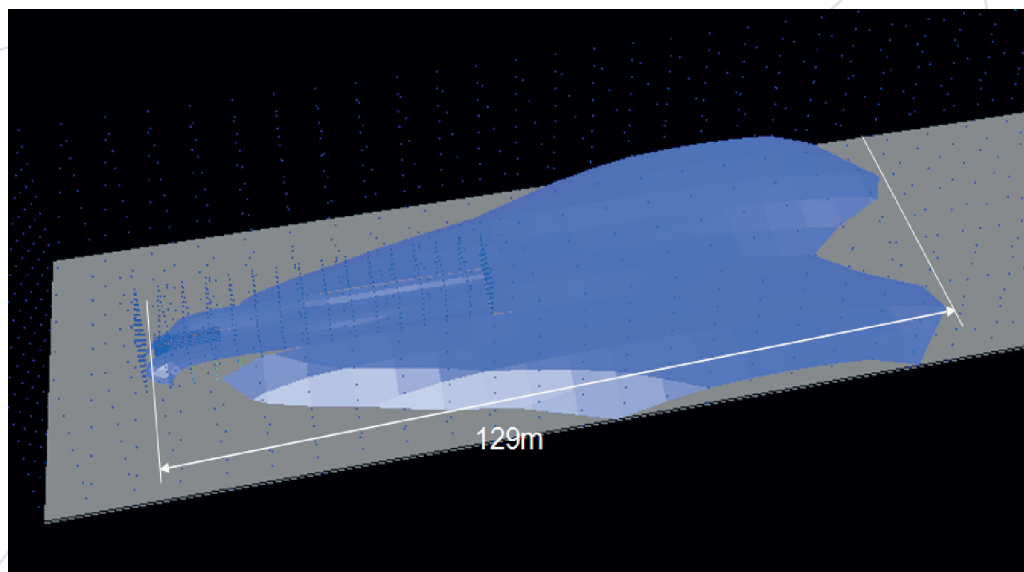


Project Reference:
Risk Analysis of LNG Transport



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Client	Rambøll (Norway)
Year	2008
Installation/Plant	Transportation of LNG by trucks

Objective

The ultimate client is planning the design and construction of a receiving facility for LNG, and wishes to investigate the risk involved with roadside transportation of LNG:

- Plan, perform and report HAZID
- Perform risk analysis, including the following scenarios: Accidental release of LNG in densely, less densely and scarcely populated areas, on bridges and in short and long tunnels.
- Identify risk reducing measures.

Scope of Services

Petrell was engaged as a sub-contractor to Rambøll, participating in the HAZID and providing simulations of LNG (-162 °C) release (cf. scenarios above). Scope of work furthermore included a description and quantification of the physical chain of events, heat transfer (cooling of the ground), followed by evaporation and dispersion; and effects from ambient conditions (wind, temperature).

CONTACTS

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