

PROJECT:

Jacket Collapse
Linch-pin Innovation

under-promise
over-deliver

CLIENT:

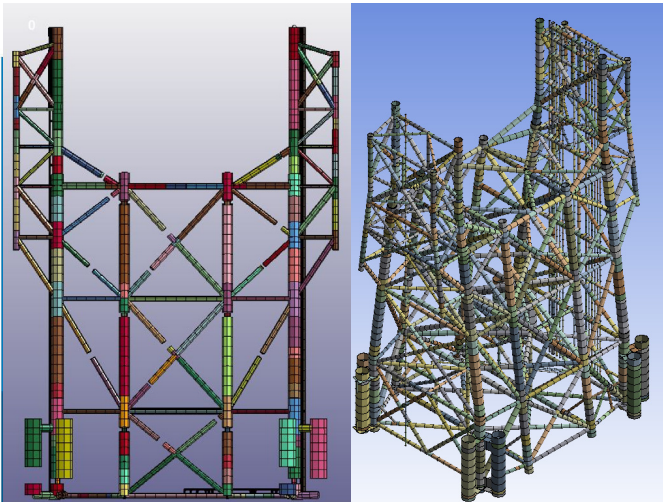
Woodside Energy/Santos/NERA

LOCATION:

North West Shelf

DATE:

2020



IDENTIFY

SELECT

DEFINE

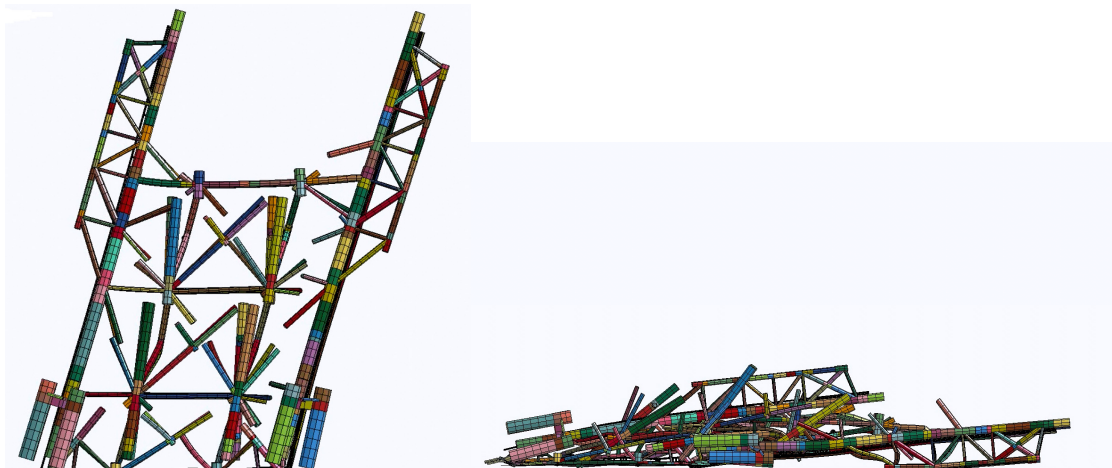
EXECUTE

OPERATE

Linch-pin, with support from Santos and in collaboration with Woodside Energy and the National Energy Resource Australia organisation (NERA), has developed a world first concept for collapsing a Jacket in-situ - **flat onto the seabed**.

Linch-pin's innovative concept has been proven at the feasibility stage using specialist collapse software which accounts for the interaction between the Jacket members and uses a non-linear, transient, dynamic analysis.

The concept completely eliminates the requirement for a Derrick Barge during Jacket decommissioning. Cost estimating has shown that the method can reduce Jacket decommissioning costs by half compared with a conventional cut, lift and place on the seabed option, as well as providing a flatter profile and more elaborate reef habitat.



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