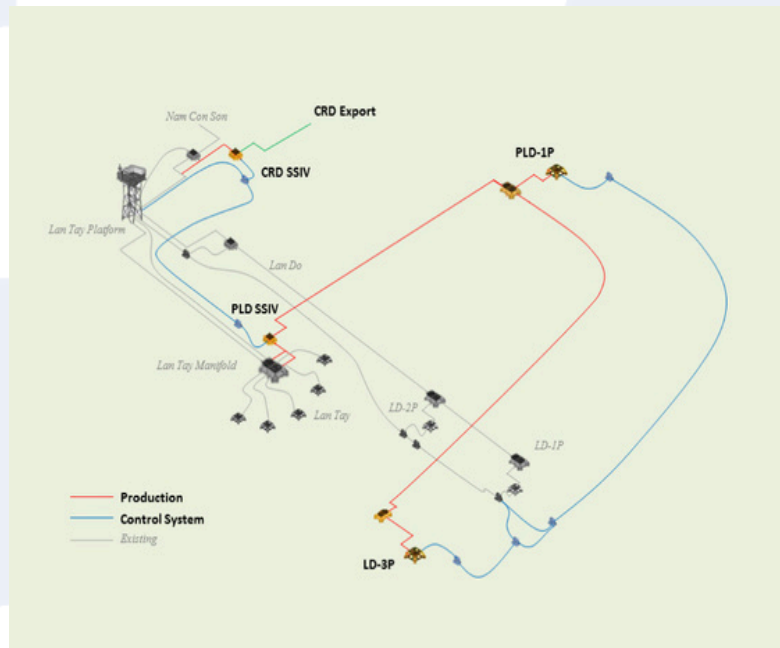


## Umbilical Post-lay Trenching - Vietnam



### Project Overview

Rotech Subsea was contracted by Subsea 7 to carry out post-lay trenching of an umbilical between the Lan Tay platform and the Phong Lan Dai SSIV. The total route length was approximately 4.14 kilometres, with operations taking place in a water depth of 192 metres. The scope required a minimum trench depth of 0.9 metres to ensure 0.5 metres of cover from the base of the umbilical to the mean seabed level, in accordance with Rosneft specifications.



### The Rotech Solution

Rotech Subsea deployed its RS1 Controlled Flow Excavation (CFE) spread to execute the post-lay trenching works. The RS1 tool was selected due to its proven ability to deliver precision trenching with minimal seabed disruption. Rotech's narrow trenching method was ideal for this application, ensuring sufficient protection for the umbilical while mitigating the risk of external damage to the product. Operations were conducted in Sept-Oct 2018.

### Results

Rotech Subsea successfully completed the trenching to the required specifications, delivering a continuous and stable trench profile along the entire route. The use of the RS1 CFE spread enabled efficient and controlled excavation, ensuring the client's requirements were met safely and effectively. The project demonstrated Rotech's capability to deliver accurate trenching solutions in challenging deepwater environments.

### Project Information

**Client:** Subsea 7

**Scope:** Umbilical Post-lay Trenching

**Water Depth:** 192m

**Soils:** Hard sands

**Vessel:** ROCKWATER 2