

Suction Pile

Scour Protection System (ScPS)

SPT Offshore



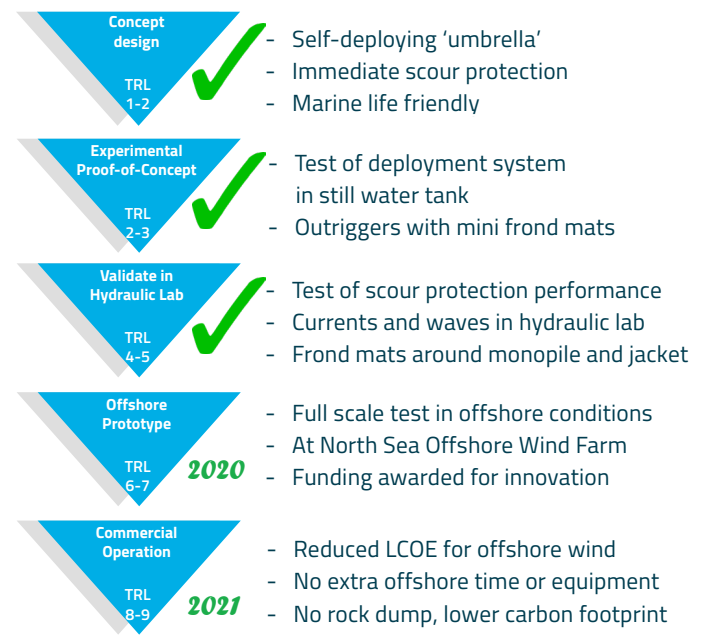
Suction Pile Self-Deploying Scour Flower

SPT Offshore has developed an innovative scour protection system around suction piles. The umbrella-like system uses SSCS frond mats, is pre-installed onshore, and is self-deploying during installation of the suction piles.

Benefits

- Immediate scour protection
- No noise
- Less edge scour
- Artificial seaweed habitat for fish
- 95% of materials can be re-used after removal
- Diverless and ROV free deployment
- No extra marine spread required
- Cost efficient
- Automatically removed with suction piles during decommissioning
- Relocation possible
- Installable under adverse environmental conditions (i.e. unfolding against current)

Development



Innovation



SDSF pre-installed



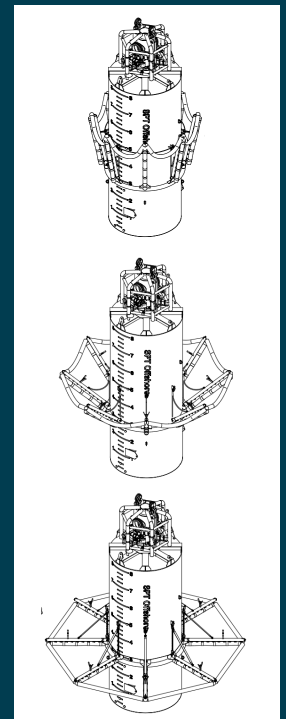
SDSF unfolded



Frond mats prevent scour by reducing current velocity



Environmentally friendly (artificial seaweed habitat for fish)



Deployment system