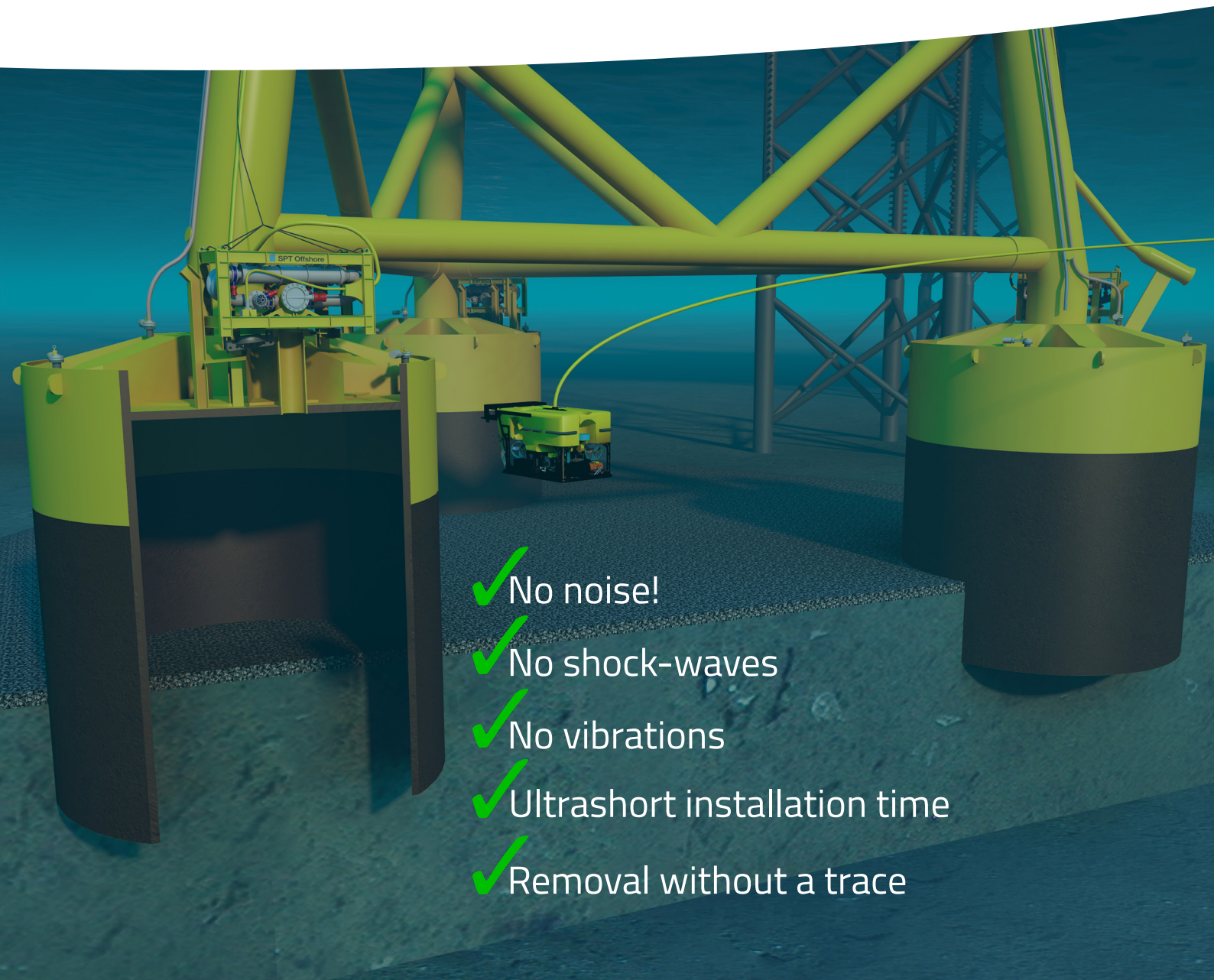


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- ✓ No noise!
 - ✓ No shock-waves
 - ✓ No vibrations
 - ✓ Ultrashort installation time
 - ✓ Removal without a trace

ENVIRONMENTALLY-FRIENDLY
SUCTION PILES FOR
OFFSHORE SUBSTRUCTURES

**IF YOU'RE LOOKING FOR
SIGNIFICANT COST REDUCTIONS
IN THE FABRICATION AND
OFFSHORE INSTALLATION OF A
JACKET, FOUNDING THIS JACKET
ON SPT OFFSHORE'S SUCTION
PILES IS THE SOLUTION.**



No noise

Unlike the massive sound generated by the blows of underwater hammers, the penetration operation of suction piles is virtually noise-free. We don't need complicated noise mitigation systems such as bubble curtains or screens. We simply don't make any noise. The fish won't even notice us being around.

No vibrations

Suction pile installation doesn't cause vibrations in the seabed that may disturb embedded marine species

No shock-waves

Also, contrary to underwater blow- or vibro-hammers, suction pile installation doesn't induce shock waves through the sea basin, for which certain fish species egg shells are sensitive.

Ultrashort installation time

Installation of a suction pile jacket foundation in dense sand can typically be completed in hours, versus days required for pre-piled jacket and ancillary installations. This reduces the offshore construction spread presence in the field significantly.

Removal without leaving a trace behind

At the end of its lifetime, the offshore wind turbine structure needs to be removed. By simply reversing the suction operation, not a single trace of steel will be left behind. Unlike hammered piles, which are cut off, leaving thousands of tons of metal in the subsea soil behind without any possibility for future removal. And in case of migration of the seabed soil, these remains may become exposed and become a danger for trawling fishing nets.

