

**CAPE**  
HOLLAND

**VIBRO  
LIFTING  
TECHNOLOGY**



# WE ARE PASSIONATE ABOUT PILING

**WE CONTINUOUSLY IMPROVE THE PERFORMANCE OF PILE INSTALLATION AND REMOVAL: FASTER, EASIER, SMOOTHER AND MORE SUSTAINABLE. WE LOVE TO MAKE IMPACT AND CONTRIBUTE TO GOOD VIBRATIONS.**

We want to be the world leading specialist for installation solutions for pile foundations with a distinctive portfolio of integrated technologies and knowhow.

In the search for alternative ways to make pile installation and removal faster, easier, smoother and more sustainable, the Vibro Lifting Technology has developed in leaps and bounds over the past decades.

## CAPE VIBRO LIFTING TECHNOLOGY

THE CAPE VLT

**OVER THE LAST DECADES, THE CAPE VLT HAS BUILT UP AN EXTENSIVE TRACK RECORD**



**TODAY'S MARKET LEADERS ARE UNDER INCREASING PRESSURE TO MANAGE PROJECTS IN AN EFFICIENT AND RISK-FREE MANNER. CAPE HOLLAND HELPS ITS CUSTOMERS GAIN ADDED VALUE FROM PROJECTS BY OFFERING EXPERTISE, ADVICE AND SUPPORT AT EVERY STAGE.**

# CAPE VLT APPLICATIONS

ALL  
WAYS  
DRIVEN

## MONOPILE INSTALLATION



### HOW DOES IT WORK?

XXL MONOPILE INSTALLATION WITH THE CAPE VLT



## PIN/JACKET PILE INSTALLATION

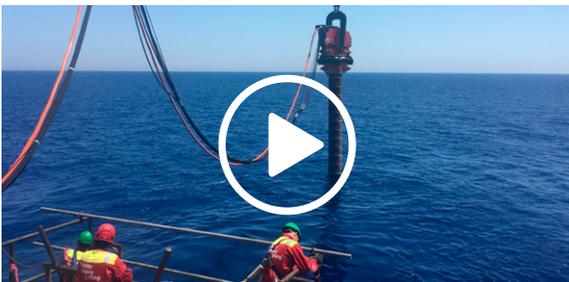


### HOW DOES IT WORK?

PIN/JACKET PILE INSTALLATION WITH THE CAPE VLT

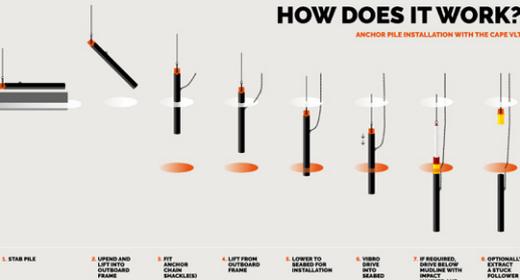


## ANCHOR PILE INSTALLATION

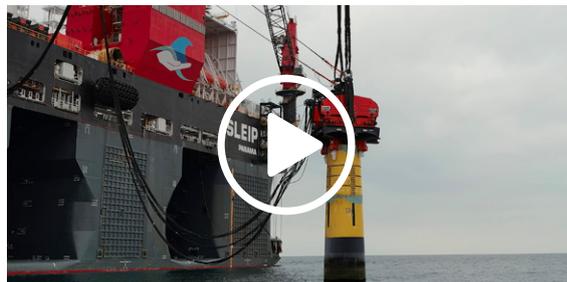


### HOW DOES IT WORK?

ANCHOR PILE INSTALLATION WITH THE CAPE VLT

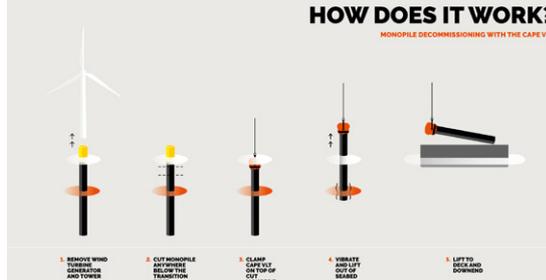


## DECOMMISSIONING



### HOW DOES IT WORK?

MONOPILE DECOMMISSIONING WITH THE CAPE VLT



# WHY WE LOVE THE CAPE VLT

## FAST

VIBRO DRIVING USUALLY IS A VERY QUICK WAY OF DRIVING PILES INTO THE SOIL. IT CAN BE UP TO 10 TIMES QUICKER, PARTICULARLY IN SANDS.



STAB



UPEND

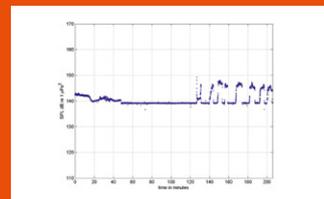


DRIVE

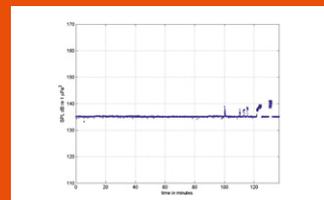
## SILENT

WITH VIBRO DRIVING, THE PILE IS NOT FORCED INTO THE SOIL BY HIGH ENERGY BLOWS, BUT ACTUALLY SINKS INTO THE SOIL BY GRAVITY DUE TO THE TEMPORARY REDUCED SOIL RESISTANCE AROUND THE PILE CAUSED BY THE VERTICAL VIBRATIONS. THIS MEANS THAT THE PILE DEFORMS LESS AND THEREFORE GENERATES SUBSTANTIAL LESS NOISE THAN IMPACT DRIVING.

SOUND LEVEL @750M IN CLAY

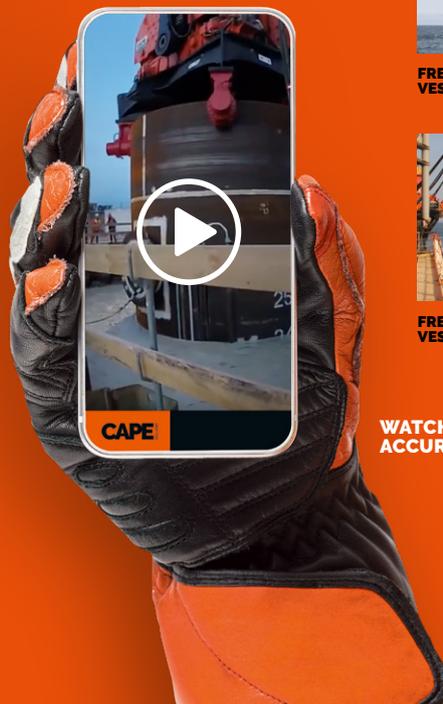


SOUND LEVEL @750M IN SAND



## ACCURATE

WHEN A PILE IS TRADITIONALLY STABBED INTO A GRIPPER OR INSTALLATION FRAME, IT WILL REST AGAINST THE SIDES OF IT WHEN THE UPENDING/LIFTING TOOL HAS BEEN RELEASED.



FREE HANGING INSTALLATION WITH VESSEL ON ANCHORS



FREE HANGING INSTALLATION WITH VESSEL ON DP

WATCH THE CAPE VLT ACCURACY HERE

# RISK MITIGATION

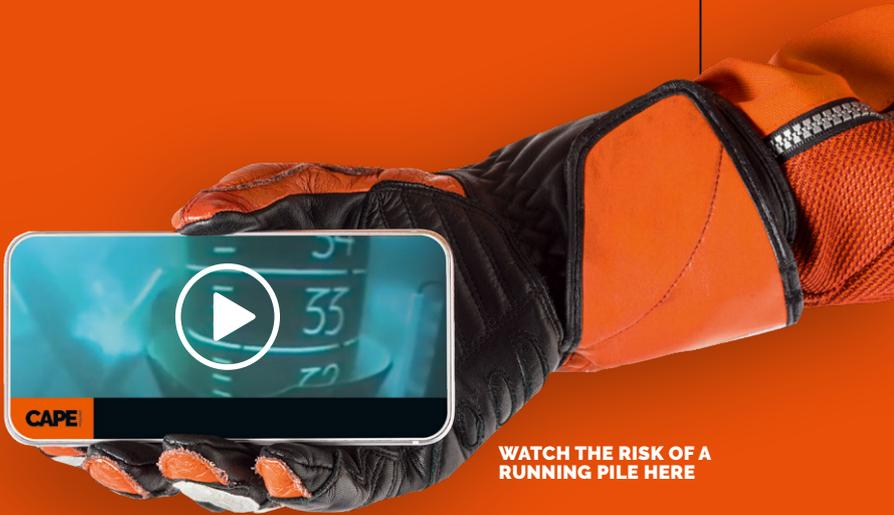
**SUDDEN FREE FALL OF PILES DURING IMPACT PILE DRIVING, SO CALLED PILE RUN OR DROP FALL, IS AN INCREASING CONCERN IN THE INDUSTRY.**



**NOT LEAVING PILE DISCONNECTED RESTING IN GRIPPER OF TEMPLATE/JACKET SLEEVE**



**NO TOOL CHANGE REQUIRED**



**WATCH THE RISK OF A RUNNING PILE HERE**

# FLEXIBLE

**LARGE RANGE OF CAPE VLT'S AND THE FLEXIBILITY TO COMBINE MORE UNITS TO CONFIGURE EVEN LARGE TOOLS. MODULAIR APPROACH.**



**GRouted CONNec-TIONS    FLANGE CONNec-TIONS    SLIP JOINT CONNec-TIONS    C1 CONNec-TIONS**

**WIDE RANGE OF PILE DIMENSIONS AND TYPES**



**CAPE VLT-80    CAPE VLT-160    CAPE VLT-320    CAPE VLT-640    TANDEM CONFIGURATION    TRIPLE CONFIGURATION    QUAD CONFIGURATION**

**LET'S  
MEET**

We are passionate about piling; we continuously improve the performance of pile installation and removal: faster, easier, smoother and more sustainable. We love to make impact and contribute to good vibrations.



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