

ANCHORING

HYDRELIO® SOLUTION

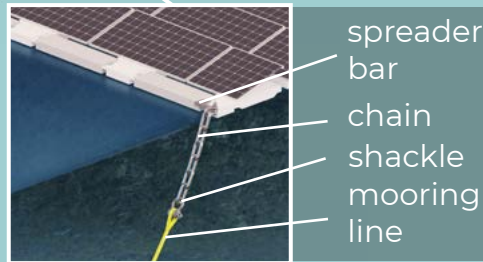
Systems

Expertise

Applications

Key technologies & techniques

Technology Screw
Techniques Bank & Bottom Anchoring



Technology Deadweight
Techniques Bottom anchoring

*These technologies are the most commonly used. Others are available. The technology is/are chosen depending on the soil and specifications of the site.

Our scope



Engineering & Design



Training



Supply



Delivery

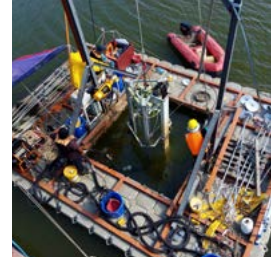
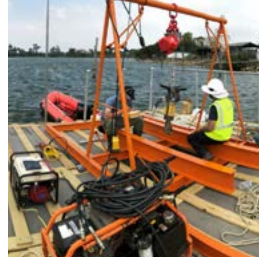


Installation

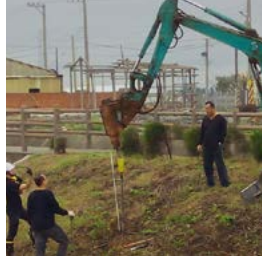
From A to Z

Installation methods

Bottom anchoring



Bank anchoring



with our Ancrelight

with an excavator

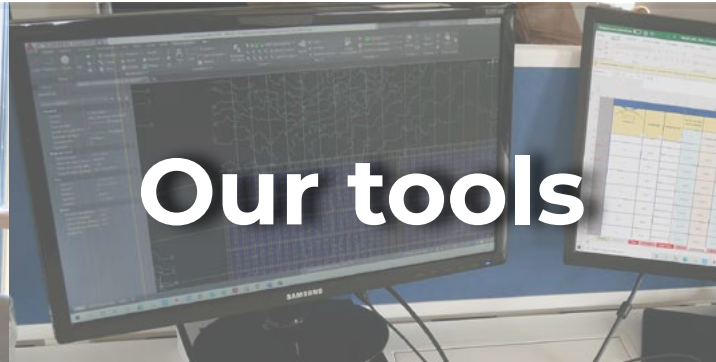
from a floating barge

with divers

with a tripod



Our team



Our tools

Anchoring design process: validated by Principia

Tools: OrcaFlex, Autocad and Ansys softwares enabling to conduct detailed studies considering the environmental features

Dedicated team: anchoring engineers and construction managers

Collaboration with partners and labs to challenge our techniques

Dense return on experience analysis (since 2013)

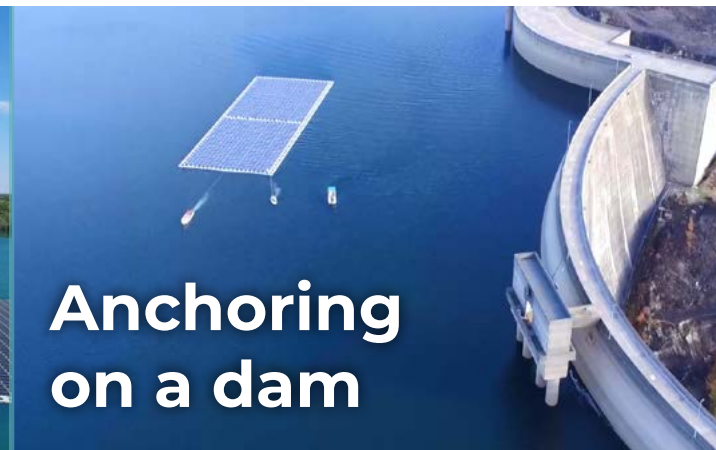
Specific anchoring



Maiwald | Germany

Bank anchoring
Including a parabolic mooring line
Quarry lake operational during construction

Anchoring on a dam



Alto Rabagao | Portugal

Bottom anchoring
50m depth at anchoring point
30m water level variation