



THE WORLD'S SAFEST
MOST COMMERCIALY EFFICIENT
GEOTECHNICAL
SOLUTION



NAVIGATING

AN INNOVATIVE

TOMORROW

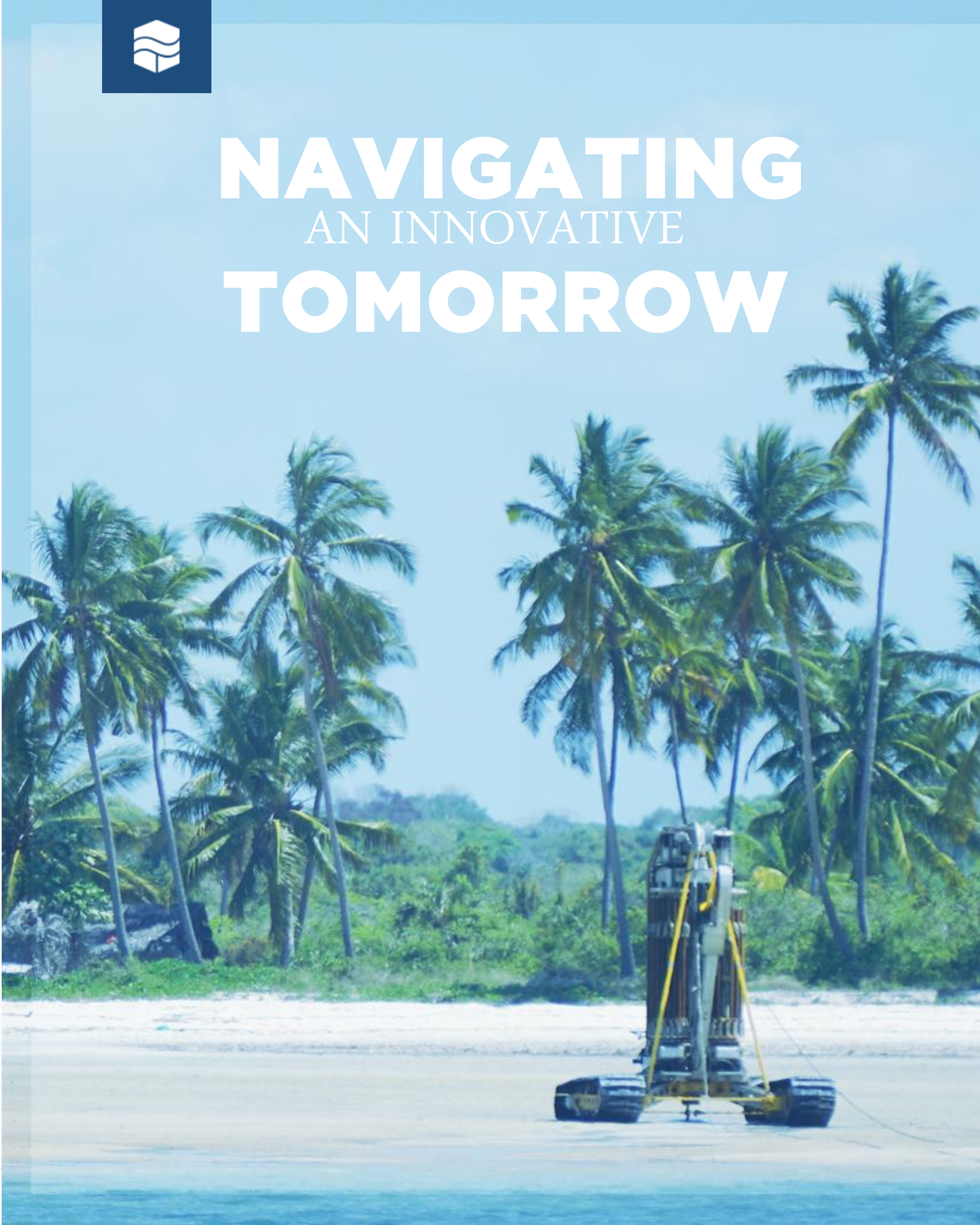


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WHAT
WE DO



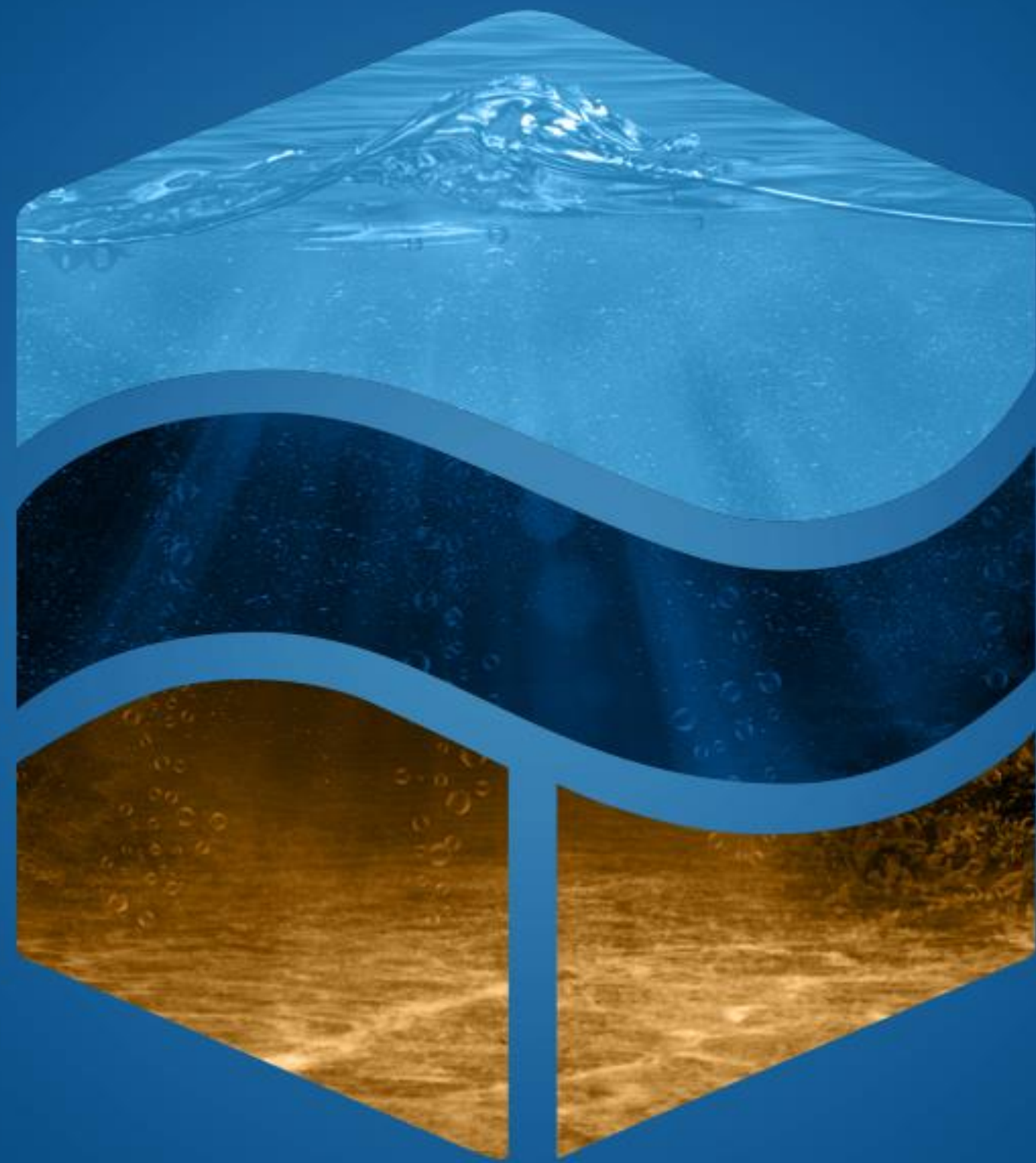
BENTHIC
AT A GLANCE



RESEARCH &
DEVELOPMENT

CASE
STUDIES





BENTHIC

AT A GLANCE

01

BENTHIC AT A GLANCE

3 PRODs

CURRENTLY OPERATING AND ON CONTRACT WITH CUSTOMERS

55

SEABED GEOTECHNICAL SITE INVESTIGATIONS COMPLETED

500

VESSEL DAYS UTILIZED IN THE PAST 12 MONTHS

3.5 - 5x

MORE PRODUCTIVE THAN A DRILLSHIP
IN WATER DEPTHS OF > 350m

0m - 3,000m

WATER DEPTH CAPABILITY (SOON TO BE 4,000m)

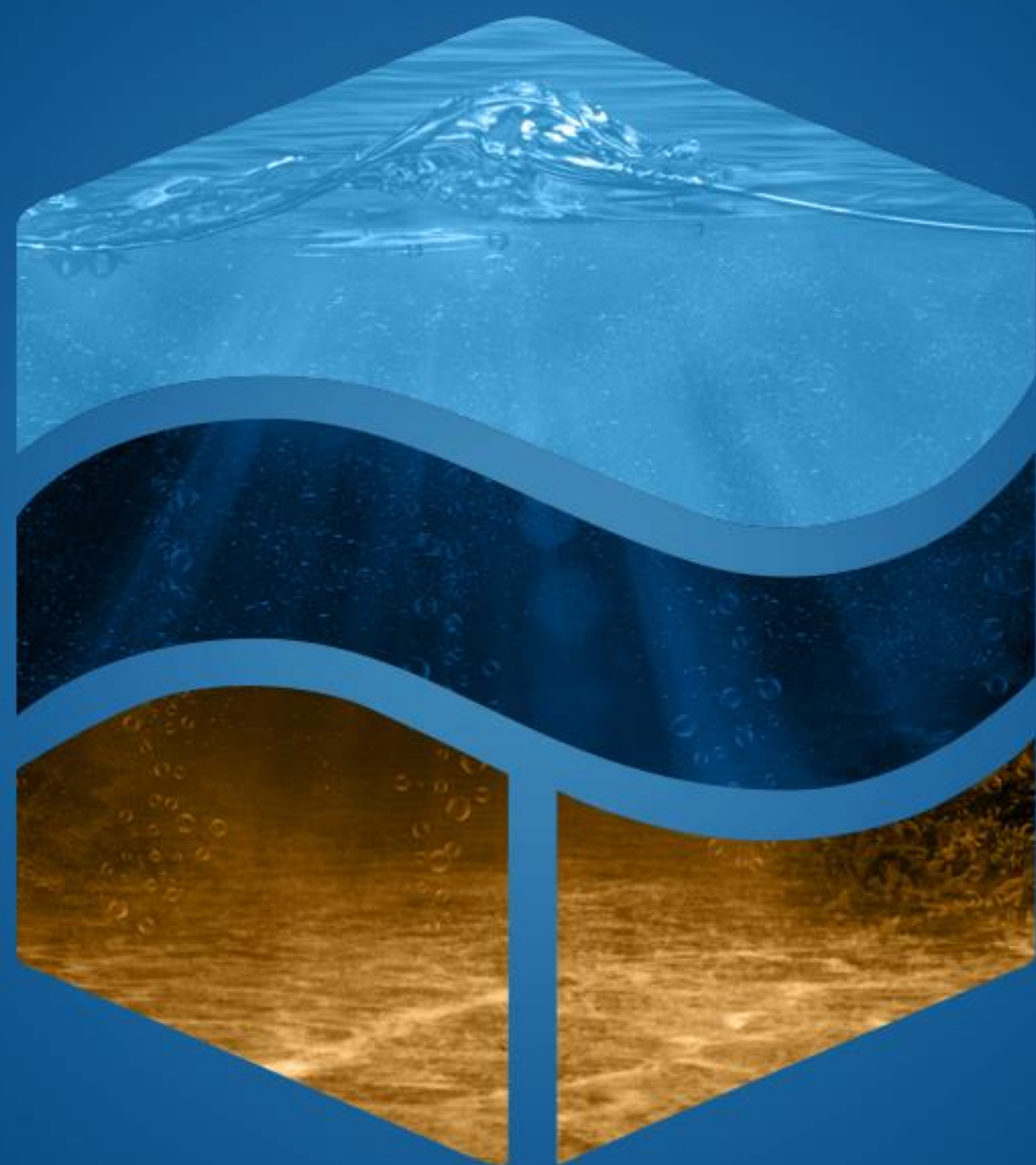
0

LTIs IN THE LAST 24 MONTHS

18

COUNTRIES OPERATED IN





OUR *CLIENTS*



OUR CLIENTS INCLUDE

ExxonMobil

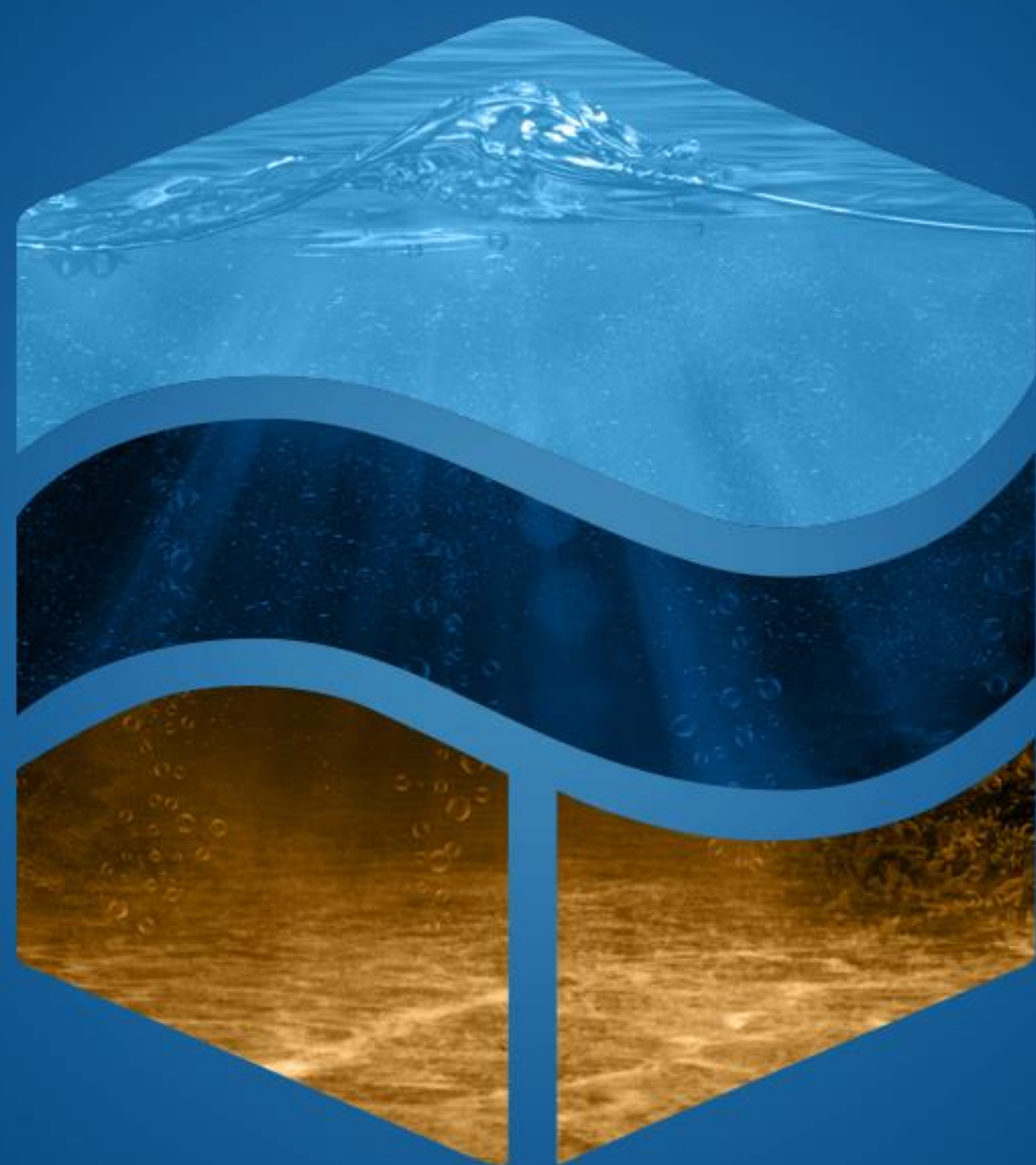


ConocoPhillips



woodside





WHAT *WE* DO

03



Complete Site Investigation Solution

GEOPHYSICAL SURVEY

GEOTECHNICAL SURVEY

SAMPLE TRANSPORT

FACTUAL REPORTS

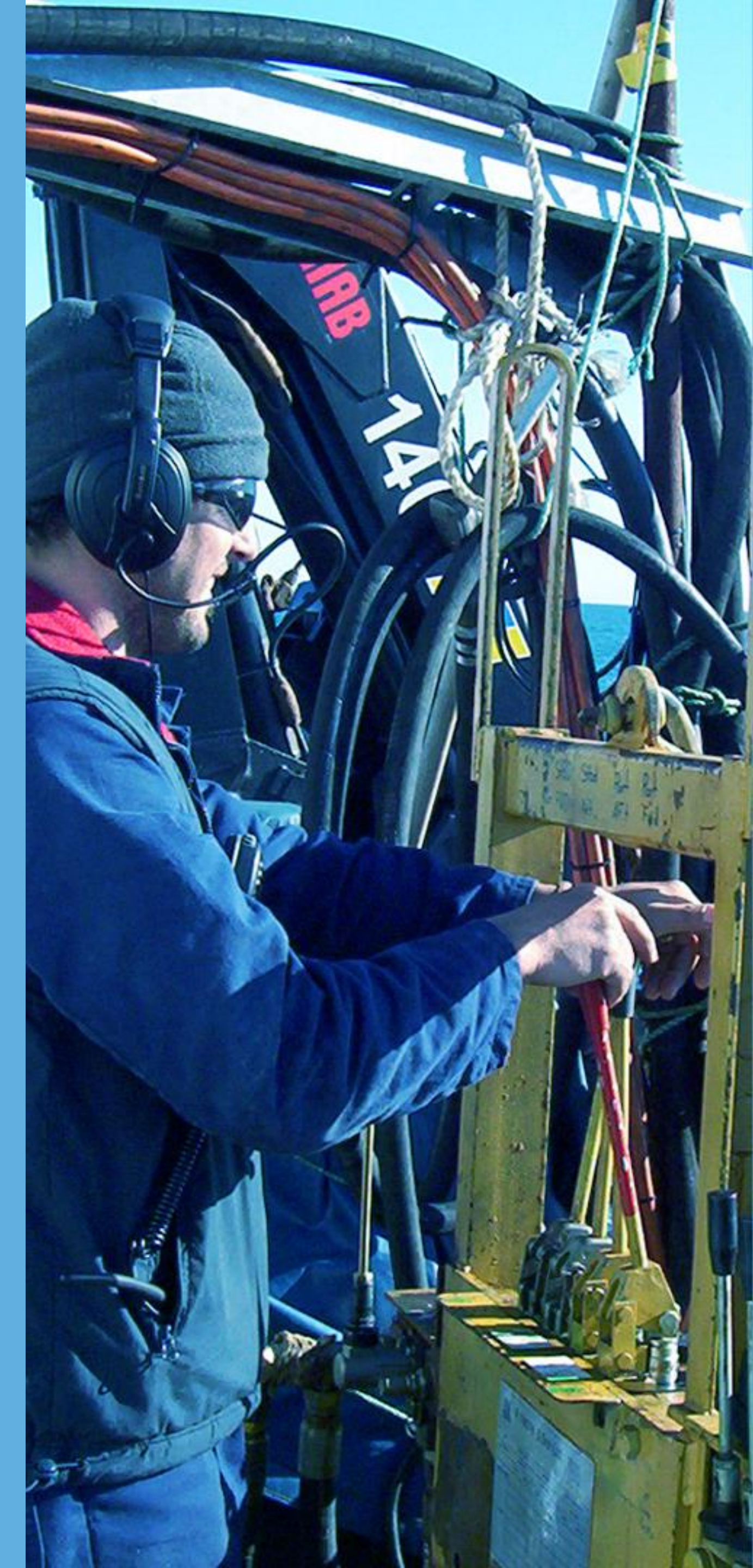
LAB TESTING

INTERPRETIVE
REPORTS

DESIGN

BENTHIC MANAGED

BENTHIC IN HOUSE





SAFETY

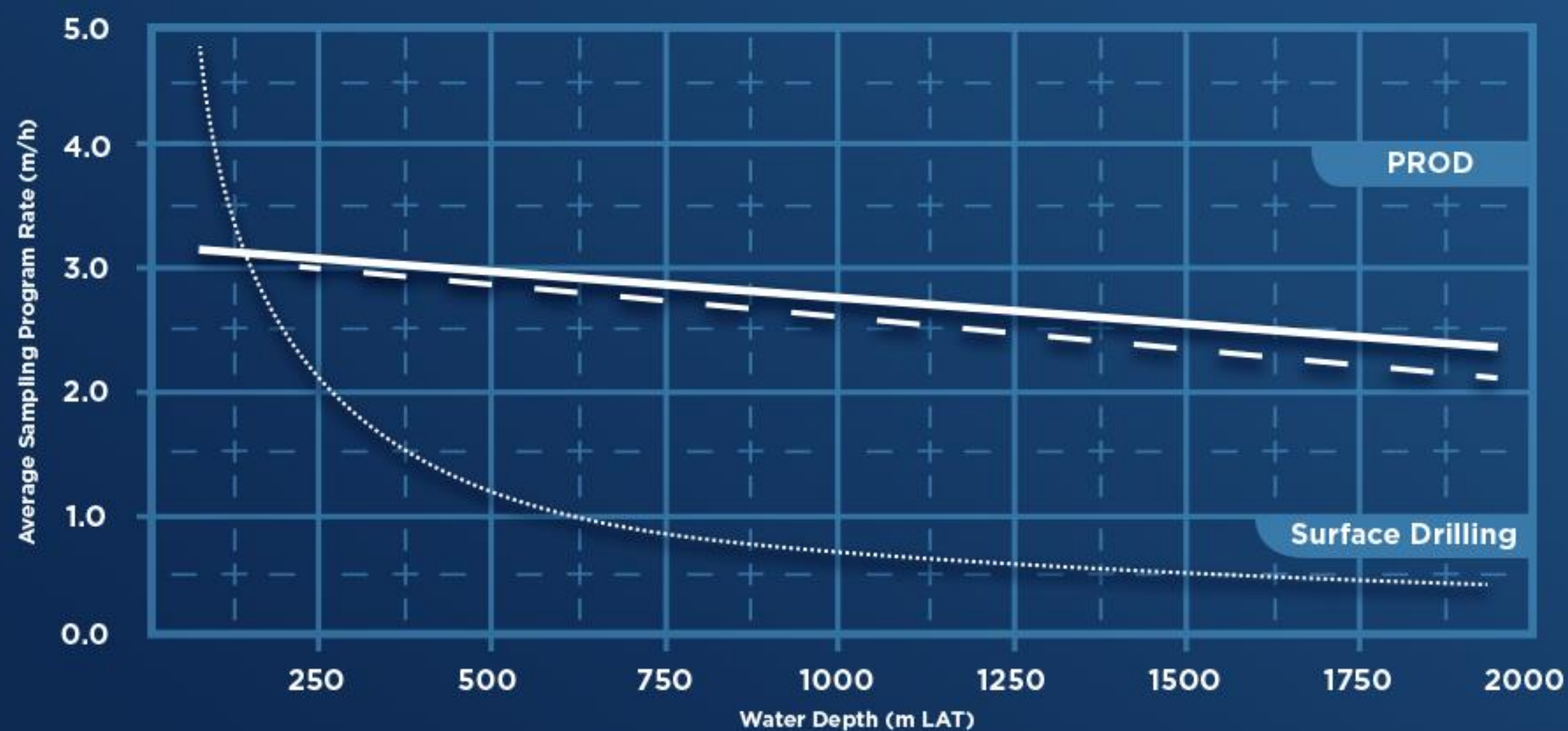
INHERENTLY SAFER SOLUTION

WEATHER OPERABILITY

PROD OPERATIONS ARE COMPLETELY
DECOUPLED FROM VESSEL MOTIONS

PROD HAS OPERATED IN 5M HS

PRODUCTIVITY - PRICE



DESIGN OPTIMIZATION

SUPERIOR SAMPLE QUALITY RESULTS IN
HUGE SAVINGS THROUGH FOUNDATION
DESIGN OPTIMIZATION

PROD 1

GENERAL



Max Water Depth: **2,000m**
Max Sampling Depth: **>125m**
Max Casing Depth: **40m**

HARD ROCK SAMPLING



Sampling Diameter: **44mm**
Core Length: **2.75m / Barrel**
Rotary Coring Power: **100hp**

SOFT SEDIMENT SAMPLING



Sampling Diameter: **44mm**
Core Length: **2.75m / Barrel**
Max Push Thrust: **6t**

PROD 2 & 3

GENERAL



Max Water Depth: **3,000m**
Max Sampling Depth: **>125m**
Max Casing Depth: **54m**

HARD ROCK SAMPLING



Sampling Diameter: **72mm**
Core Length: **2.75m / Barrel**
Rotary Coring Power: **130hp**

SOFT SEDIMENT SAMPLING



Sampling Diameter: **75mm**
Core Length: **2.75m / Barrel**
Max Push Thrust: **8t**

PROD 5

GENERAL



Max Water Depth: **4,000m**
Max Sampling Depth: **150m**
Max Casing Depth: **100m**

HARD ROCK SAMPLING

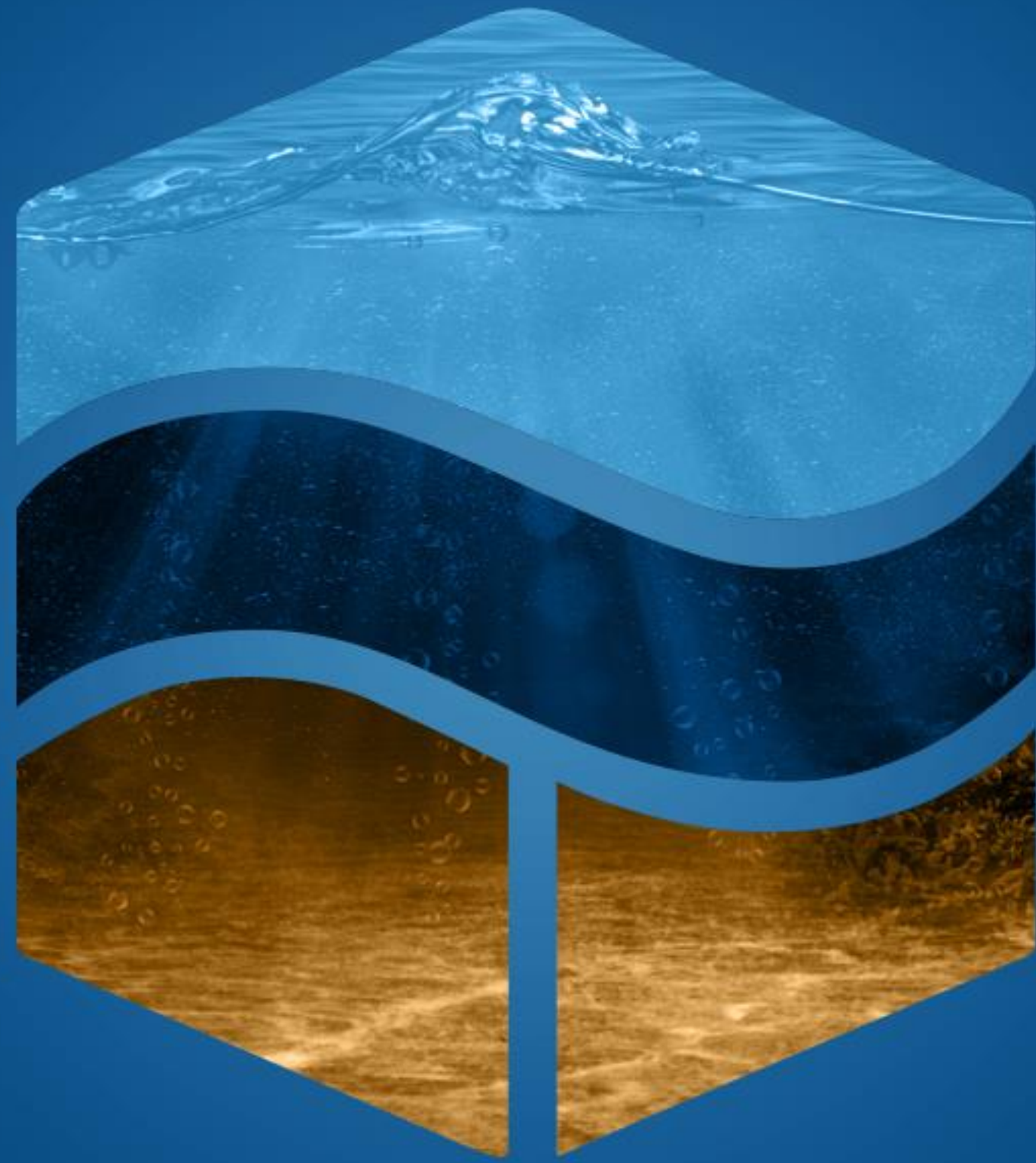


Sampling Diameter: **72mm**
Core Length: **2.75m / Barrel**
Rotary Coring Power: **130hp**

SOFT SEDIMENT SAMPLING



Sampling Diameter: **75mm**
Core Length: **2.75m / Barrel**
Max Push Thrust: **12t+**



RESEARCH & *DEVELOPMENT*



RESEARCH & DEVELOPMENT

◆ NEW PROD BUILD

◆ TRACK PROD

◆ PIEZOMETER INSTALLATION

◆ PATENTS

PISTON CORING

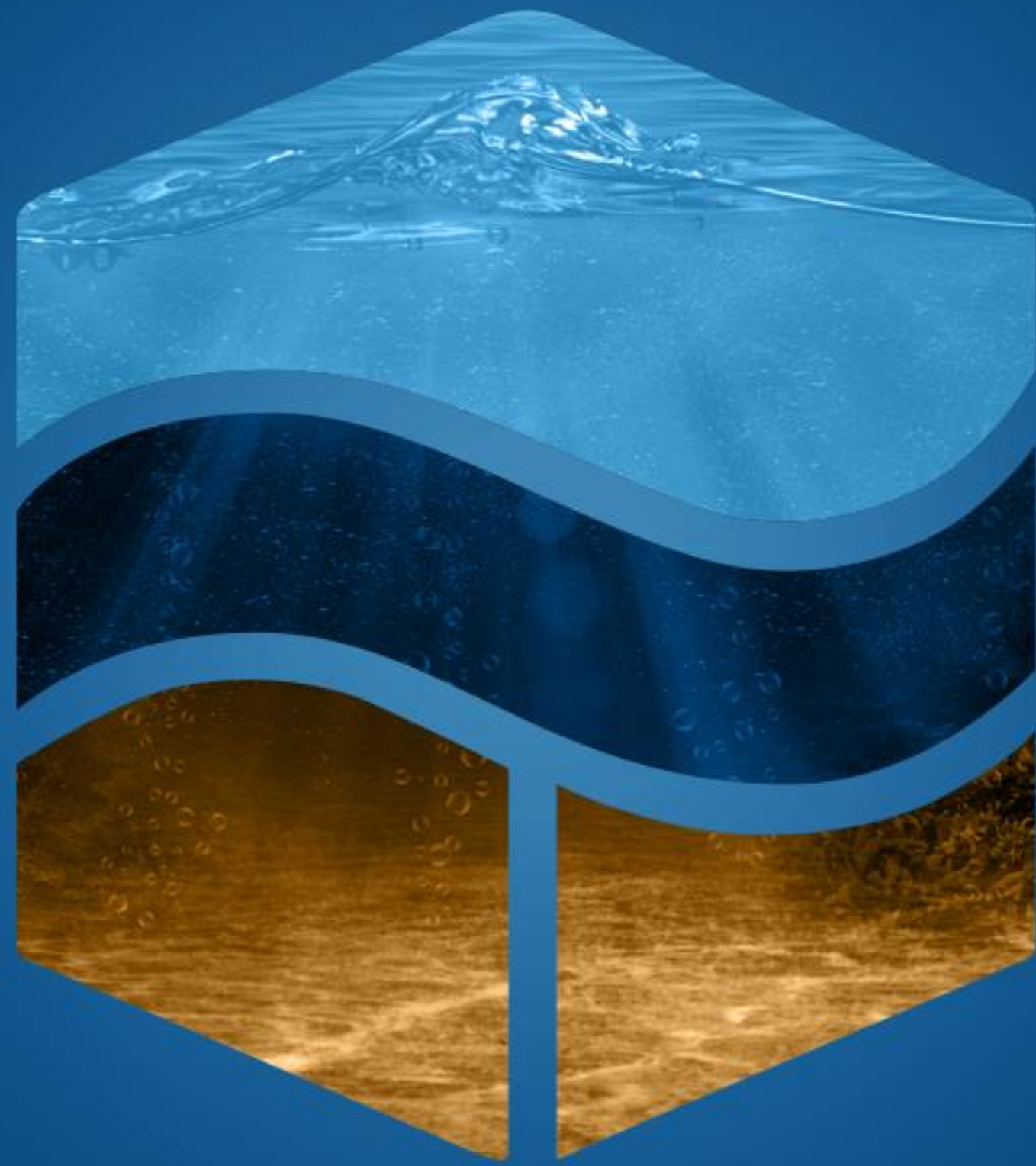
BALL PENETROMETER

REMOTE GAS MONITORING

INSTRUMENTATION PROBE FOR IN-SITU TESTING

ACTIVATED ROCK CATCHER

ENHANCED DRILLING SYSTEM



CASE *STUDIES*

05



LOCATION: LIBRA FIELD, OFFSHORE BRAZIL

DATE: DECEMBER 2016 – FEBRUARY 2017

WATER DEPTH: 509m – 2340m

PROD: PROD 3

VESSEL: *CHOUEST WILDEBEEST*

**SCOPE: 40 PAIRED CPT & SAMPLE BOREHOLES UP TO 80m
PENETRATION BELOW SEAFLOOR; 3100M OF SAMPLES
AND DATA RECOVERED**

SOILS: OVERCONSOLIDATED CLAY WITH LAYERS OF SILTY CLAY



ExxonMobil

LOCATION: LIZA DEVELOPMENT, OFFSHORE GUYANA

DATE: JULY 2018 – SEPTEMBER 2018

WATER DEPTH: 20m – 3100m

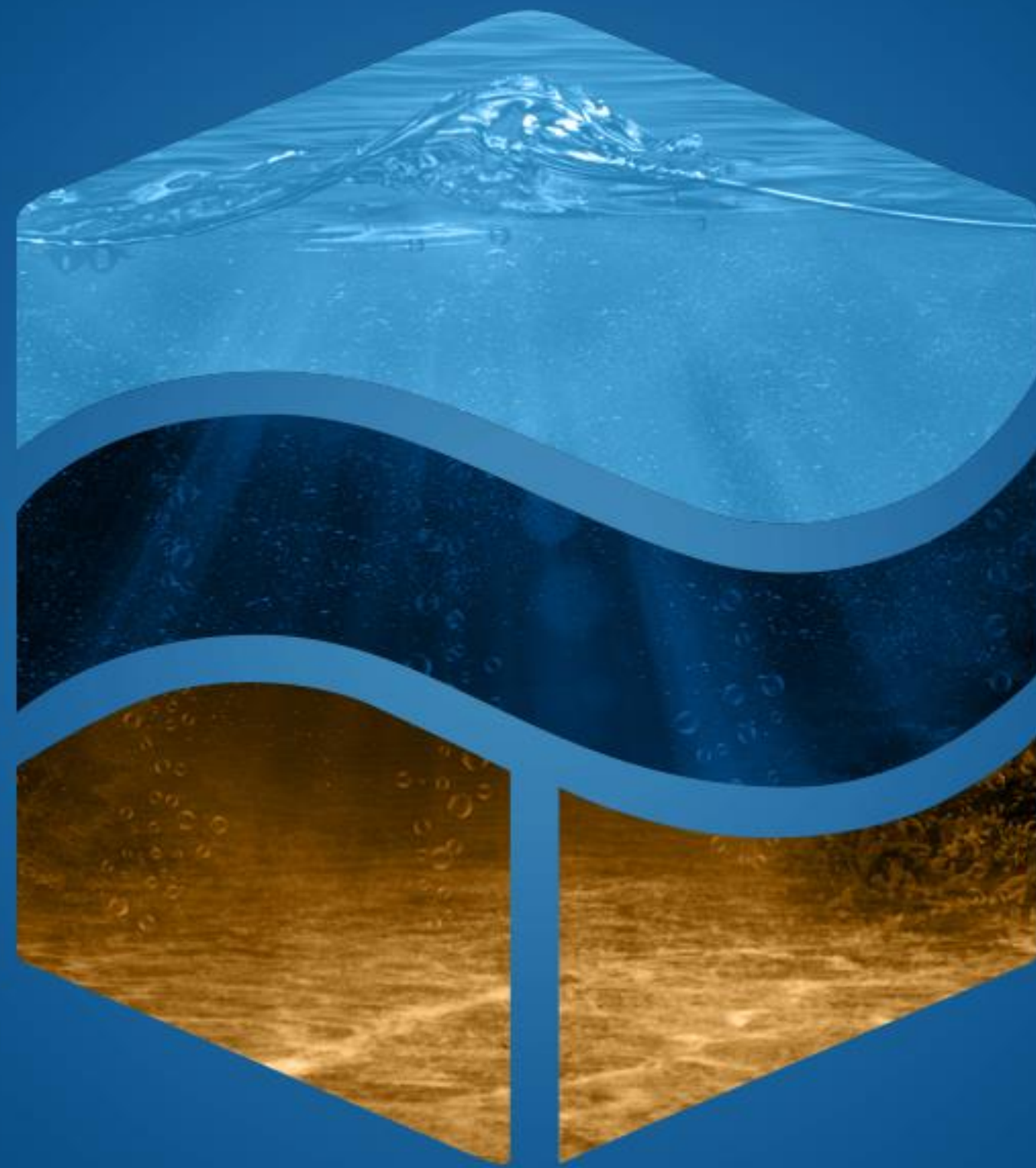
PROD: PROD 3

VESSEL: *CHOUEST SABLE*

**SCOPE: 60 CPTS & 30 SAMPLE BOREHOLES UP TO 40m
PENETRATION, BOX CORING & PISTON CORING;
2100m OF SAMPLES AND DATA RECOVERED**

**SOILS: NORMALLY CONSOLIDATED AND OVERCONSOLIDATED
CLAYS, WITH THIN INTERBEDDED SILT/SAND
LAYERS**





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