



DELIBERASAUN N. 40/III/CAFI/2025

Conselho de Administração do Fundo das Infraestruturas – CAFI, bazeia ba artigo 10º (1) e (3) DL Nº. 25/2024, de 22 de maio, Primeira Alteração ao DL Nº.13/2016, 18 de Maio, realiza reuniaun ordinária iha loron Sexta-feira, 28 de Março de 2025, e halo deliberaun ba assunto tuir mai ne'e:

Asuntu: Aprovasaun no autorizasaun CAFI hodi utiliza orsamentu ADN, I.P. ba Estudu ***“SeaFront Dili”***

Proponente: Ministério do Turismo e Ambiente - MTA;

Notas/justifikasaun:

- Projetu SeaFront Dili, apresenta iha reuniaun ordinaria CAFI iha loron 28 fulan abril 2025, iha agenda **Parte III: Diversus** husi do Ministério do Turismo e Ambiente nudar projetu nain;
- Bazeia ba despacho husi Ministro do MPIE ho karta no. Ref.: 55781G-GMPIE/IV/2025, data 07 de Abril de 2025, ba karta pedidu husi Vice-Primeiro-Ministro, Ministro Coordenador dos Assuntos Económicos e Ministro do Turismo e Ambiente Senhor Francisco Kalbuady Lay ho no. Ref.: 338/GM-VPM-MCAE-MTA/IV/2025, data 02 de Abril de 2025, ho asuntu: Encaminhamento de documentos e respetivas companhias recomendadas pelos Técnicos;
- Bazeia ba informasaun ne'ebe apresenta husi ekipa tekniku katak planu ne'ebe Governo China fo ba Governo Timor-Leste, liu husi Ministério do Turismo e Ambiente ba projetu ***SeaFront Dili***;
- Ekipa tekniku Delegasaun husi Governo China mai halo'o estudos iha parte Praia dos Coqueiros Dili hamutuk ho tekniku husi Governo Timor-Leste nian, ekipa tekniku refere sei iha Timor-Leste durante semana 2 atu halo'o observasaun;
- Durante observasaun iha Timor-Leste, identifika katak iha dadus ou estudos rua ne'ebe maka presiza completa husi parte Governo Timor-Leste nian maka hanesan: ***Bathymetry Survey e Booring Test (on Beach)***, durasaun ou prazu ne'ebe Governoererno China fo ba ita atu completa dadus sira ne'e maka 30 dias;
- Governo China liu husi delegasaun tekniku ne'ebe iha Timor-Leste husu ba parte Governo TL, atu fornese dadus detalhadus atu nune'e sira bele apresenta ba Governo China;

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- Bazeia ba estudus ne'ebe temi iha leten, husi parte Governo Timor-Leste hato'o proposta ba kompanhia rua mak hanesan: Kompanhia Hydrotecnic e Kompanhia Carya Timor Leste Lda, bazeia ba rekomendasaun husi ekipa tekniku ne'ebe integra iha estudu viabilidade husi MTA nian;
- Ba **Bathymetry Survey sei hala'o husi Kompanhia Hydrotecnic ho montante \$94,570.00**
- Ba **Booring Test (on Beach) sei hala'o husi Kompanhia Carya Timor Leste Lda, ho montante \$35,000.00**
- Estudu rua refere atu fo garantia ba Governo China hodi hetan apoiu no ita presiza fornese dados hirak ne'e durante 30 dias nia laran. Bainhira ekipa delegasaun husi China simu ona dados ne'e mak sei relata fali ba Governoerno China.
- Governo China sei apoiu ba projetu ne'e ho modalidade grant, tanba ne'e husi Timor-Leste maka prepara no fornese dadus ba **Bathymetry Survey no Booring Test**;
- CAFI propoin atu utiliza orsamentu ADN, I.P. husi Capital Dezenvolvimentu hodi finansia estudu ida ne'e.

Desizaun:

CAFI aprova no deside utiliza orsamentu ADN, I.P. husi Capital Dezenvolvimentu hodi Finansia Estudu refere bazeia ba informasaun no akordo ne'ebe iha.

M *J.*
Smc *R*



IX GOVERNOERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

Aprovado husi CAFI iha loron 28 de marsu de 2025.

O Conselho de Administração do Fundo das Infraestruturas

O presidente,



Gastão Francisco de Sousa

Ministro do Planeamento e Investimento Estratégico



Santina José Rodrigues Ferreira Viegas Cardoso

Ministra das Finanças



Miguel Marques Gonçalves Manetelu

Ministro dos Transportes e Comunicações



Samuel Marçal

Ministro das Obras Públicas

DELIBERAÇAUN N.º40/III/CAFI/2025



IX GOVERNO ERNOERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS

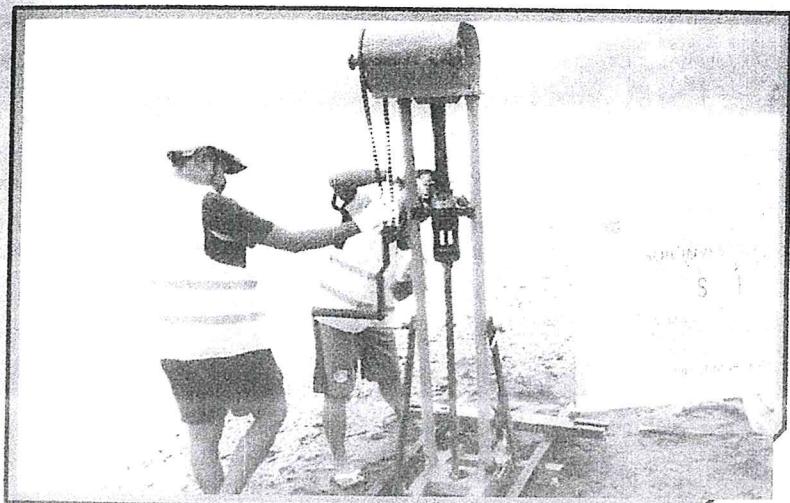


Conselho de
Administração

Annexo:

QUOTATION

**PROJECT NAME:
TOPOGRAPHIC SURVEY AND SOIL INVESTIGATION
AT PANTAI KELAPA**



CARYA TIMOR LESTE, LDA.

Rua 20 de Maio No. 101, Aldeia Audian, Suco Santa Cruz,
Posto Administrativo Nain Feto, Municipio de Dili, East Timor
Phone: (+670) 7725 6873 Email: ctl99.dili@gmail.com



CARYA TIMOR LESTE, LDA.

Rua 20 de Maio No. 101, Aldeia Audian, Soco Santa Cruz,
Posto Administrativo Nam Feto, Municipio de Dili, East Timor
Phone: (+670) 7725 6873, Email: c199.dili@gmail.com

Our Ref. : 009/CTL-PRO/DILI/III/2025
Date : March 26th, 2025

To : **Ministro do Turismo e Ambiente**
Republica Democratica de Timor Leste
Works : Soil Investigation
Subject : Quotation

Dear Sir,

In connection with the above mentioned works, herewith we submitted our Quotation with the total Amount is **US\$ 35,000.00 (Thirty Five Thousand US Dollars)**.

We hope our company acceptable and we are looking forwards to provide more services in the future.

Thanks for your good attention and good co-operation.

Sincerely Yours,

HO FOE GOAN
C.E.O.

CARYA TIMOR LESTE, LDA.

Rua 20 de Novembro N.º 101, Alto do Andilhan, Suco Santa Cruz,
P. da A. Autonómica - Nata Fote, Município de Dili, East Timor
Phone: +670 7725 6373, Email: cts99.alth@gmail.com

QUOTATION

To : Ministro do Turismo e Ambiente
Attn. :-

| No. | Item Description | Quantity | Unit | Unit Price | Amount | Remarks |
|-----|------------------------|----------|-------|-------------|--------------------|--|
| 1 | Soil Investigation | | | | | |
| | Boring Test (on Beach) | 1.00 | Point | \$ 8,500.00 | \$ 34,000.00 | Depth: Max. 25 Meter or SPT 40 (one of them achieved); Water Level: Max. 2 meter; Output: SPT Value and Index Property Test Only |
| | | | | | TOTAL \$ 34,000.00 | |

Dili, March 26th, 2025

Submitted by:

HUGO GÓMEZ
C.E.O



*Fern
8/4/25*

AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

FORMULARIO DESPACHO

| | |
|---|-------------------------------------|
| Data de Entrada Documentos: 07 / Apr / 2025 | Data do Documentos: 07 / Apr / 2025 |
| Husi: MINISTERIO DO PLANEAMENTO INVESTIMENTO ESTRATEGICO | |
| No Ref : 581/CG-GMPIE/IV/2025 | |
| Projetu : | Quantidade Documentos : 1 |
| | Anexo : |
| Assuntos : | |
| Encaminha Despacho Ministro, MPIE (Encaminhamento de Documento e respetivas companhias recomendadas pelos Tecnicos). | |
| No. Tlf : 3310320 | |
| Companhia : - | |
| Despacho : | |
| <input type="checkbox"/> Unidade de Gestão Administrativa <input checked="" type="checkbox"/> Unidade de Avaliação de Projectos <input type="checkbox"/> Unidade de Controlo e Validação de Qualidade <input type="checkbox"/> Unidade de Estudo e Desenvolvimento de Competências | |
| ✓ Adjunto ✓ Assessor/a <i>APCS</i> <input type="checkbox"/> Gabinete DE / Base de Dadus <input type="checkbox"/> Other | |
| <i>- Solicitação CEP a ser encaminhada não submete ao CGS não contactar</i> | |
| Data: <i>25/04/25</i> Rui Lourenço da Costa Director Executivo ADN | |
| <i>- Mandar para o Adjunto</i> | |



**MINISTÉRIO DO PLANEAMENTO
E INVESTIMENTO ESTRATÉGICO
IX GOVERNO CONSTITUCIONAL
GABINETE DO MINISTRO**



Dili, 07 de Abril de 2025

Nu. Ref : 581 /CG-GMPIE/IV/2025

Hato' o ba : Diretor Executivo do ADN I.P
Senhor Rui Lourenço da Costa

Assunto : Ençaminha Despacho Ministro MPIE

Ho Respeito,

Konforme assunto iha leten, Gabinete do Ministro encaminha Despacho Ministro kona ba karta lusi Vice-Primeiro Ministro, Ministro Coordenador dos Assuntos Económicos e Ministro do Turismo e Ambiente ho assunto Encaminhamento de Documentos e respetivas companhias recomendadas pelos Tecnicos. Despacho Ministro hakerek iha kraik no anexo iha kotuk.

Despacho Ministro : Para, ADN I.P – MPIE

Processar de acordo c/ a deliberação do CAFI

Data Despacho : 04.07.2025

Ba atensaun no kolabarasaun lahaluha hato' o obrigado wain.

Hau nia melhores cumprimentos

Tomas de Fatima da Silva
Chefe Gabinete do Ministro-MPIE



VICE PRIMEIRO-MINISTRO
MINISTRO COORDENADOR DOS ASSUNTOS ECONÓMICOS
MINISTRO DO TURISMO E AMBIENTE
IX GOVERNO CONSTITUCIONAL

ADN
Procurar de acordo
c/a deliberação do
CAF!

No. 38/GM-VPM-MCAE-MTA/Iv/2025
Díli, 2 de abril de 2025

Exmo Senhor
Eng.o Gastão Francisco de Sousa
Ministro do Planeamento e Investimento Estratégico
MPIE

Assunto: Encaminhamento de Documentos e respetivas companhias recomendadas pelos Técnicos

Excelência,

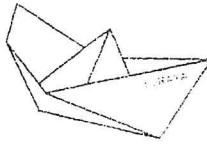
Tendo em vista a construção do projeto de "Seafront Díli" e a necessidade de realização de *Bathymetry Survey* e *Boring test (on beach)*, envio as propostas das companhias Hidrotecnic e Carya Timor-Leste para apreciação e aprovação, com base na recomendação dos técnicos que integram a equipa de estudos de viabilidade dos Ministérios do Turismo e Ambiente e relevantes.

Agradecendo antecipadamente a atenção de V. Excelência, subscrevo-me apresentando os protestos os meus melhores cumprimentos.

Francisco Kalbuadi Lay
Vice-Primeiro-Ministro
Ministro Coordenador dos Assuntos Económicos e
Ministro do Turismo e Ambiente

3 4 25
Ataunáis 784

QUOTATION PROPOSAL



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Underwater survey | aerial survey | geotechnical survey | USV testing | hydrodynamic investigation
Hydrographic survey | marine geophysical survey | bathymetric survey | ocean survey



ISO 9001 | ISO 14001 | ISO 45001

M SC



MIRZAHIDROKINETIK TIMOR, Lda.

Naroman B.T, Madohi,
Comoro, Dom Aleixo, Dili, Timor-Leste

dilmo@hidrokinetik.com

QUOTATION

| | | | |
|----|--|---------------|---------------------------|
| To | : Ministério do Turismo República Democrática de Timor-Leste | Quotation No. | : MHTL/RFQ/III-25/001 |
| | | Date | : Thursday, 27 March 2025 |
| | | Quantity | : 1 (one) |

Dear Sir(s),

Further to your request, we are pleased to provide the following quotation for the survey works of “Drone LiDAR and Bathymetry Survey (SBES, ADCP, Tide Gauge and SBP)” for your reference.

Table 1. Table of Prices

| No | Description | Quantity | Unit | Unit Price (USD) | Sub-Total Price (USD) |
|----|--|----------|------|------------------|-----------------------|
| 1 | Preparation & Mobilization: <ul style="list-style-type: none">◦ Project Management◦ Permit Arrangement◦ Workshop Preparation & Consumable◦ Equipment & Personnel Transportation to Site◦ Equipment Installation at Boat◦ Equipment Calibration & Deployment at Site | 1 | LS | 32,581 | 32,581 |
| 2 | Survey Operations: SBES Bathymetry Survey Operation of the area 2500m x 150m, which consists of: <ul style="list-style-type: none">◦ Survey Boat◦ Provision & Fuel◦ Satellite Communication◦ Survey Personnel:<ul style="list-style-type: none">◦ Party Chief x1◦ Hydrographic Surveyor x1◦ Analogue Engineer x1◦ CAD Operator x1◦ Survey Equipment:<ul style="list-style-type: none">◦ Qinsky Navigation System◦ Starfix DGPS Signal◦ Odom MKIII SBES System◦ Motion Reference Unit◦ SVP Probe | 1 | LS | 28,913 | 28,913 |
| 3 | Demobilization: <ul style="list-style-type: none">◦ Equipment Dismantle from Boat◦ Equipment Transport from Site to Office◦ Equipment & Personnel Transportation from Site to Office | 1 | LS | 23,076 | 23,076 |

| No | Description | Quantity | Unit | Unit Price (USD) | Sub-Total Price (USD) |
|--------------------------|---|----------|------|------------------|-----------------------|
| 4 | Reporting: <ul style="list-style-type: none"> ◦ SBES Data Processing & Charting ◦ Submission of Preliminary Report ◦ Submission of Final Report | 1 | LS | 10,000 | 10,000 |
| Total Price (USD) | | | | | 94,570 |

Table 2. Daily Rate (Optional)

| No | Description | Quantity | Unit | Daily Rate (USD) |
|----|---|----------|------|------------------|
| 1 | Operation and Standby Rate of Survey Boat | 1 | Day | 3,500 |

General Terms and Conditions of Quotation and Sale:

All goods and services ("Provision") are provided on the terms and conditions set out herein and no addition or variation to this terms and conditions will have any effect unless expressly agreed in writing by the CONTRACTOR.

1. Quotation

- MIRZA HIDROKINETIK TIMOR, Lda. hereinafter referred to as the "CONTRACTOR", and Ministério do Turismo República Democrática de Timor-Leste hereinafter referred to as the "COMPANY".
- Unless previously withdrawn, this quotation is valid for thirty (3) days. This quotation is not to be construed as an obligation to sell but merely an invitation to treat and no contractual relationship shall arise from it until the COMPANY's order has been accepted by the COMPANY.
- Cancellation of a Provision can be made only with the COMPANY's consent and upon terms that will compensate the COMPANY against any loss included any cost that incurred by the COMPANY when preparing for the Provision.
- Change Provisions requested by the COMPANY shall not be effective unless accepted in writing by the CONTRACTOR. There will be additional charge for any costs, expenses, and liabilities incurred by the CONTRACTOR in connection with any such change Provision.

2. Provision

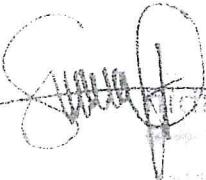
- Provision as per specified in Table 1 and Tabel 2.
- All rates are specified in USD (United State of American Dollars).
- All quoted price includes 4% VAT, in accordance with the applicable regulations.
- Related to the Scope of Work:
 - COMPANY shall be responsible for all working permits to authority and socialization.
 - CONTRACTOR shall responsible to the COMPANY only for the Provision as stated in this quotation and CONTRACTOR shall be released from any claim, loss, damage, cost, expenses, any payment and responsibilities incurred in connection with the provision in COMPANY's main contract with COMPANY's client.
 - Mobilization charge means:**
 - Applied for one (1) call out.
 - Fees for survey permit and/or security clearance administration and other permit deemed necessary in relates to the project operation.
 - Provision of mobilisation plan, survey procedures, and QA/HSE documents.
 - Preparation and installation of survey equipment at CONTRACTOR's premises.
 - Deployment and Calibration of survey equipment.
 - Transit of vessel, survey equipment, and personnel from Office to Site.
 - Survey Operation charge means:**

- a. Acquisition of SBES bathymetry data using the proposed survey equipment, personnel and method for 2500m x 150m area.
 - b. Any additional survey coverage beyond proposed area will be charged at the applicable daily rate.
- v. **Demobilization charge means:**
- a. Fees for survey permit and/or security clearance administration and other permit deemed necessary in relates to the project operation.
 - b. Transit of vessel, survey equipment, and personnel from Site.
 - c. Dismantle of survey equipment.
- vi. **Daily Rate charge at Tabel 2 means:**
- a. Any additional survey coverage beyond 2500m x 150m area will be charged at the applicable daily rate.
 - b. Standby of vessel due to Interruption of the work process due to bad condition of weather, force majeure events, and/or other events specified by CLIENT's approval or standby by CLIENT's request.
 - c. The Survey spread daily rates shall apply for any eight (8) hour period. Part of day shall be considered a whole day for invoicing purposes.
- vii. **The provision of invoicing and payment:**
- a. Mobilisation Rate as Down Payment should be remitted to contractor prior Mobilisation to site.
 - b. Survey Operation charge will be invoiced after survey completion.
 - c. Demobilization Charge will be invoiced after demobilization process is completed (specified by completion certificate).
 - d. Reporting Charge will be invoiced after the issuance of final report.
 - e. The total amount of Daily Rate, calculated by the actual additional Operation and Standby occurred, will be invoiced to COMPANY upon demobilization of Survey. The payment should be made 15 days after invoice submission.
 - f. The payment terms should be settled maximum 30 days after receipt of invoice.
- e. 1‰ (one per mil) interest per day will be applied to the invoice that already exceeded due date, with maximum cumulative interest 2 % (two percent) in one month. The interest remains applied until the COMPANY released all payment to the related invoice.

3. Additional Clause

It is a policy of the COMPANY that a duly authorized officer of the COMPANY sign and return this quotation within a maximum of 7 (seven) days from the receipt of this offer, which states the COMPANY's acceptance of the Terms and Conditions of this quotation. If within the validity period as stated in point 1.b above, the COMPANY has not signed this quotation, CONTRACTOR will then make a new quotation and this quotation becomes invalid.

Yours sincerely,



Mirzahidrokinetik
Survey Technologies
www.mirzahidrokinetik.com

CORNELIO PACHECO

Director of MIRZAHIDROKINETIK TIMOR, Lda.

CUSTOMER ACCEPTANCE OF QUOTATION

I hereby acknowledge and agree to the Terms and Conditions contained herein and certify that I am authorised to execute this agreement.

For and on behalf of Ministério do Turismo República Democrática de Timor-Leste

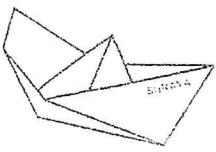
Name: _____

Title: _____

Date: _____

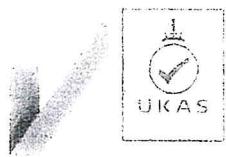
Signature *: _____

* Please sign with a company stamp



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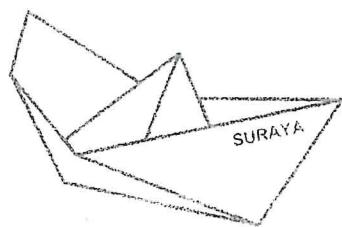
hydrographic survey | marine geophysical survey | met ocean survey
topographical survey | geotechnical survey | USV design & manufacturing
underwater sonar & autonomous marine systems | research & development



ISO 9001:16.0.450.185.174

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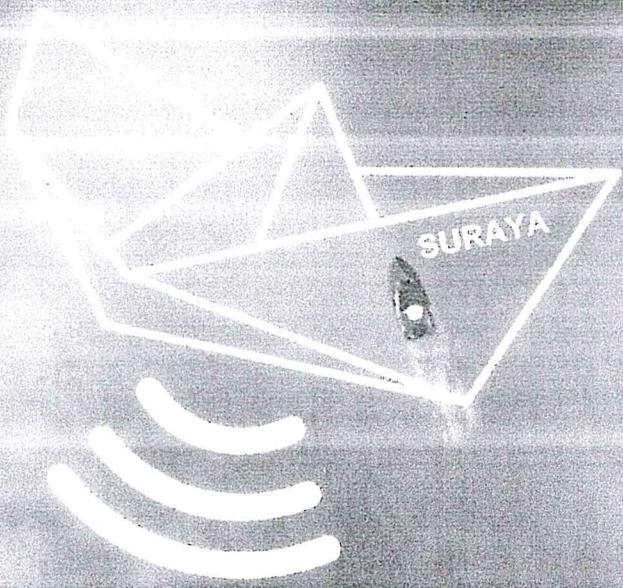


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hidrokinetik group
of companies

www.hidrokinetik.com

about us



Sheila Hassan

Chief Executive Officer of
Hidrokinetik Group



Mirza Hamza

Chief Technical Officer of
Hidrokinetik Group

Hidrokinetik Group's journey as a contender in the Hydrographic and Geophysical Survey Industry began with the founding of Temasek Engineering in 2013 by Tuan Mirza Hamza and Puan Sheila Hassan. The company's early success on marine sonar and telecommunication equipment, quickly gained traction and expands towards the hydrographic survey industry.

As Temasek Engineering expanded, it evolved into Temasek Allied Engineering in 2016, specializing in survey equipment and services for the Marine and Oil and Gas Industries. This progression led to the establishment of Temasek Hidroteknik Sdn Bhd, which now operates under the Hidrokinetik Group of Companies and delivers comprehensive hydrographic and geophysical survey services.

Our clients benefit from tailored solutions that leverage our industry-specific expertise, advanced equipment, and technology to support various project phases, including exploration, construction, production, and transportation.

In response to the growing demand for innovation, the company ventured into the development of Autonomous Unmanned Surface Vessels (USVs), culminating in the formation of **Hidrokinetik Technologies Sdn Bhd** in 2019. This subsidiary focuses on the design, development, and manufacture of Autonomous Survey Vessels. Through collaborative research and development with the International Islamic University of Malaysia, Hidrokinetik Technologies accelerates innovation and enhances the customizability of its products. Our USV fleet is designed to execute mission-critical tasks across diverse environments, from inland to coastal waters, and is adaptable to various hydrographic survey conditions.

Hidrokinetik Group Sdn Bhd

hidrokinetik
technologies

a hidrokinetik group company

TEMASEK
HIDROTEKNIK
a hidrokinetik group company

HIDROACOUSTICS
a hidrokinetik group company



EASTERN
a hidrokinetik group company

Our comprehensive services include conventional and unmanned hydrographic surveys, geophysical surveys, marine engineering, and technical consultation. Additionally, Hidrokinetik Technologies supports research and development projects with Environmental Impact Assessment (EIA) Studies.

At Hidrokinetik Group, we are committed to our clients' success, striving to become a global leader in hydrographic and geophysical surveys through high-quality, safe, and efficient services.

We look forward to collaborating with you on your next surveying project.

Members of Hidrokinetik Group Sdn Bhd

Temasek Hidroteknik Sdn Bhd
Hidrokinetik Technologies Sdn Bhd
Hidroacoustics Sdn Bhd
Eastern Exploration Sdn Bhd
Hornbill Subsea Sdn Bhd

Operating Companies of Hidrokinetik Group Sdn Bhd

Hidrokinetik Technologies Sdn Bhd, based in Malaysia
Hidrokinetik Technologies Pte Ltd, based in Singapore
PT Hidrokinetik Indo Pacific, based in Indonesia
Mirzahidrokinetik, LDA, based in Timor-Leste
Hidrokinetik Seastx, based in Texas



We recognize that no two projects are identical, particularly in the Marine and Energy industries. Therefore, over the years, we have mastered and developed various hydrographic and geophysical survey methods and technologies to provide our clients with the most adaptable surveying services.

Our hydrographic, geophysical, and geotechnical data contribute to the successes of marine, energy as well as environmental projects such as:

Coastal Survey and Engineering

Port and Harbour Development

Survey for Navigation

Pre and Post Dredge Survey

Beach Profiles and Nourishment

Lake and Reservoir Survey

Environmental Impact Assessment

Pipeline and Underwater Cable Surveying

Hull and Ship Inspection

Site Surveys and Inspection
of Oil and Gas Fields

Hydrographic Survey

Hydrographic survey is the process of determining the depth of water in a body of water. It is used to map the bottom of the ocean or lake, and to determine the location of underwater hazards such as rocks, reefs, and wrecks.

our vision



To provide high quality data and customer-focused service supported by solid technical knowledge in hydrographic and geophysical survey while aiming to be a world-class innovator in hardware, hardware fabrication, hardware integration, and control software for the production of Unmanned Surface Vessels (USVs).

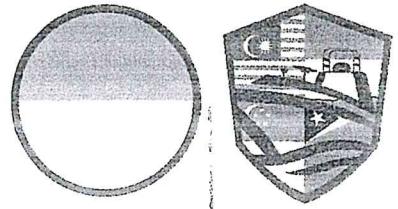
our mission



- To provide world-class hydrographic and geophysical survey services.
- To provide marine and hydrographic consultation.
- To develop & provide autonomous surface vessel (ASV).
- To become largest autonomous surface vessel (ASV) supplier for industry's needs.
- To customize the design and logistic supply chain.

PT Hidrokinetik Indo Pacific

The newly established Indonesian Operating Company of Hidrokinetik Group.



As Hidrokinetik Group's continues to grow in the Asia-Pacific region, we are expanding and entering the survey market in Indonesia. Apart from Singapore, we have established a new operating company in Jakarta, which we now refer to as PT Hidrokinetik Indo Pacific.

Located in the Golden Triangle of the Business District of Jakarta, Hidrokinetik Indo Pacific provides a one-stop solution for nearshore and offshore Geophysical and Geotechnical Surveys, as well as Topographical, Met Ocean, and other survey technical consultations, tailored to each client's concerns and needs.

We are driven by a passion for exploration and innovation. Levering our group's expertise in the research and development on autonomous surface vehicles, Hidrokinetik Indo Pacific promotes collaborations with Indonesian universities. The collaboration aims not only to expand our R&D efforts, but also to engage the ambitious young generation with a goal-driven mindset in the development of their own nation.

Aside from delivering our best quality survey performance and data, we believe building strong partnerships and fostering lasting relationships within the communities we operate. Here at Hidrokinetik Indo Pacific, we actively engage with local stakeholders, including government agencies, industry partners, and community organizations, to ensure our operations align with local regulations and contribute positively to the socioeconomic development of the region.

Hidrokinetik Indo Pacific is committed to being a trusted partner & driving force for progress.



Yanes David P. Sidabutar

President Director of
PT Hidrokinetik Indo Pacific



Erikson Franky Sormin

Director of Operations of
PT Hidrokinetik Indo Pacific

Hidrokinetik is committed to advancing the Asia-Pacific region through our expertise, particularly in supporting Timor-Leste's growth as a nation rich in oil and gas resources, notably from the Bayu-Undan field. Hidrokinetik plays a key role in developing infrastructure to sustain the country's petrofunds and long-term prosperity.

Our contribution to Timor-Leste's Development, a project with TIMOR GAP, E. P.

Suai Supply Base Physical Survey Campaign

TIMOR GAP

Hidrokinetik is committed to advancing the Asia-Pacific region through our expertise, particularly in supporting Timor-Leste's growth as a nation rich in oil and gas resources, notably from the Bayu-Undan field. Hidrokinetik plays a key role in developing infrastructure to sustain the country's petrofunds and long-term prosperity.

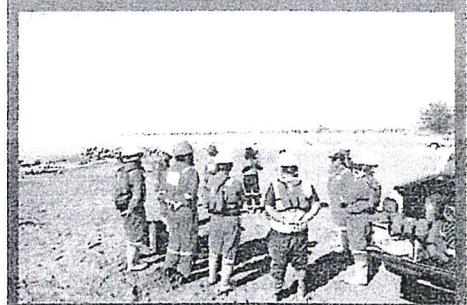
In June 2024, Hidrokinetik was awarded a project contract by TIMOR GAP, E. P. for the Suai Supply Base (SSB) Physical Survey Campaign. This development includes port, marine, industrial, and logistics facilities.

As part of our commitment to delivering precise and reliable data, Hidrokinetik conducted Topographic and LiDAR, Onshore and Offshore Geophysical, Metocean, as well as Benthic surveys, to provide crucial baseline information for the engineering design. Additionally, to help identify potential geohazards, ensuring a safe and sustainable development process.

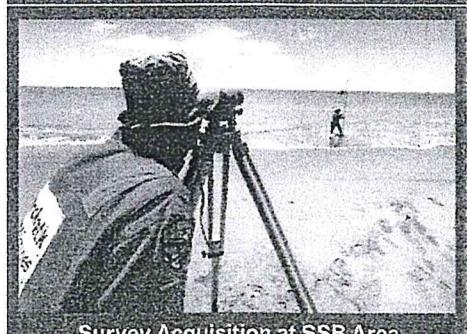
Hidrokinetik also has an extensive hands-on experience and in-depth familiarity with the Timor-Leste region. We are strongly invested to sharing knowledge and technology while actively involving local communities in the project.



Contract Signing Ceremony



Field Team Briefing

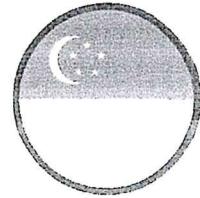


Survey Acquisition at SSB Area



Hidrokinetik Technologies Pte Ltd

**Singaporean Operating Company
of Hidrokinetik Group.**



Hidrokinetik Technologies Pte Ltd is a premier provider of specialized services in the maritime industry, offering expertise across hydrographic surveys, marine salvage, oil spill response, emergency response, marine engineering, hyperbaric operations, underwater solutions, marine surveys, marine advisory, consultancy for large-scale projects, and marine agency services.

Our team includes experienced professionals with roles like Master Mariners, Salvage Masters, and Marine Surveyors. Their extensive knowledge ensures precise, efficient solutions tailored to each project's unique challenges. Our focus is on delivering expert advisory and consultancy for large-scale projects, helping clients meet demanding marine challenges with confidence and success. About Hidrokinetik Technologies Pte Ltd:

- **MPA-Registered Hydrographic Survey Services:** We adhere to the highest standards in marine surveying with MPA-approved workboats and survey vessels.
- **Certified Marine Inspection and Survey:** Our team provides precise and reliable inspections tailored to industry requirements.
- **Underwater ROV Services:** Efficient underwater inspections ensure accuracy and support critical operations.
- **Marine Agency Services:** In partnership with Barra (Shipping Asean) Pte Ltd in Singapore and PT Barra Asean Shipping in Batam, we offer end-to-end logistics and vessel management solutions across the Asia Pacific.
- **Strategic Training Partnerships:** Through Real Safe Training Centre, an OPITO-approved facility in Batam, we deliver specialized training programs for marine and offshore professionals.
- **Distributor for Nanuk Cases:** We are an authorized distributor with a showroom featuring the full Nanuk product range.



Captain Zai

Operational Director of Hidrokinetik Technologies Pte Ltd



Hidrokinetik Technologies Pte Ltd
Surveyboat (Queen Aminah)

"Your Trusted Maritime Partner"

in collaboration with

Barra Asean Shipping

Singapore & Batam

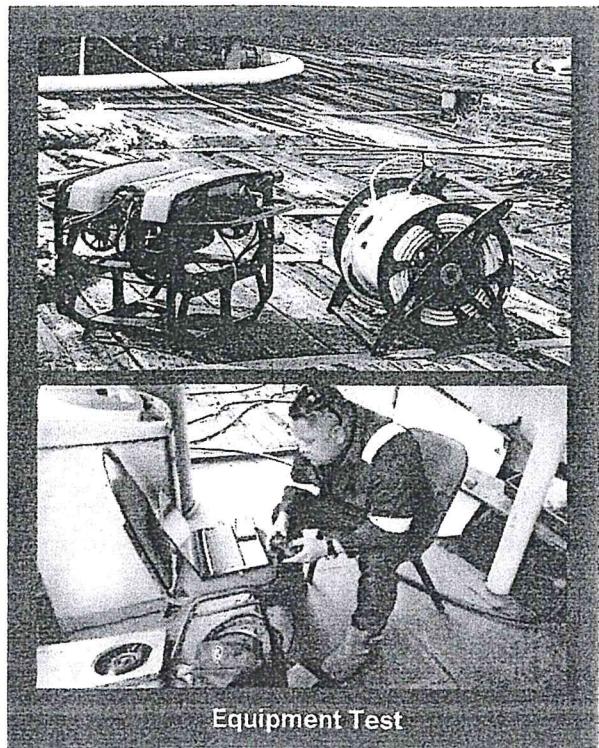


Barra Asean Shipping are a prominent shipping agent operating in various regions across Indonesia based in Batam - Kepulauan Riau, is a crucial intermediary connecting ship owners, harbor management, and all relevant regulatory institutions responsible for overseeing ship compliance. Headquartered in Batam, our deep understanding and comprehensive maritime industry knowledge facilitate seamless coordination and compliance within this intricate network.

Our Services include: Shipping Agency, Custom Clearance, Ship Documentation, Bunker, Crew Manning.



Management Visit to Barra Asean Shipping



Equipment Test

Hidrokinetik Technologies Pte Ltd and Barra Asean Shipping are strategically positioned to support the maritime industry through our regional network, covering Southeast Asia.

We look forward to the opportunity to collaborate with you and contribute to the continued success and growth of your operations.

"We are dedicated to performance, not promises, ensuring that every project is executed with the utmost professionalism and attention to detail."



TEMASEK
HIDROTEKNIK

Reliable Survey Data for Successful Projects!

Hidrokinetik Group produces high-quality survey data using various surveying techniques refined through years of experience executing projects for both the public and private sectors. In addition, we offer the following services:

Understanding the risks and characteristics of each aspect of a project's plan is essential to successful completion. Consequently, our hydrographic survey provides vital information on the physical characteristics of underwater bodies and structures essential for maritime navigation, marine construction, dredging, offshore oil exploration, and offshore drilling operations, among other activities. It includes, but is not limited to, associated soundings, shorelines, tides, currents, seabed, and underwater obstacles.

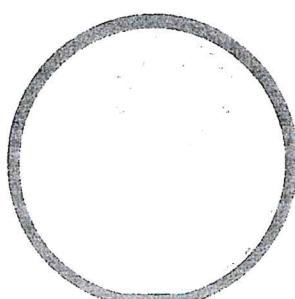
Temasek Hidroteknik Sdn Bhd and Hidrokinetik Technologies Sdn Bhd have provided clients with accurate hydrographic and geophysical survey data, along with cost-effective and custom-tailored surveying solutions. Listening to and attending to the needs of our clients has been crucial to our company's success.

services



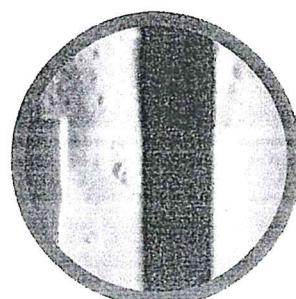
Cable Power and Oil & Gas Pipe Routing

Surveying & mapping the route for power cable and pipe before laying, and subsea installation process.



Bathymetry

Map inaccessible regions with a high level of detail, including hazardous features on the seafloor.



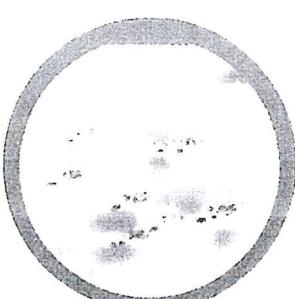
Side-Scan

Create an accurate acoustic image of large areas on the sea floor efficiently.



Dredging Surveys

Specify the soil and subsoil characteristics of the dredging site or borrow area.



Magnetometer

Detect and map metal objects of all sizes rapidly and effectively.



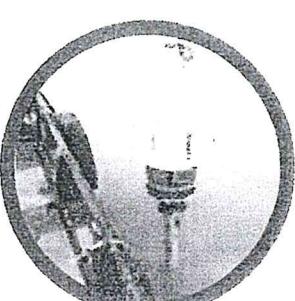
Engineering & Structural

Obtain data to reduce project risks and improve performance.



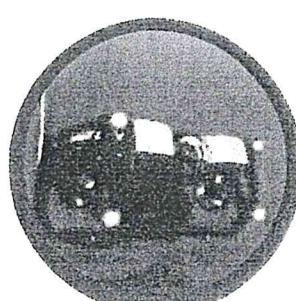
AUV

Autonomous underwater surveys and imaging.



Seabed Sampling

Collect samples of seabed sediments, epifauna, infauna, and surface layers, or penetrate deeper layers.

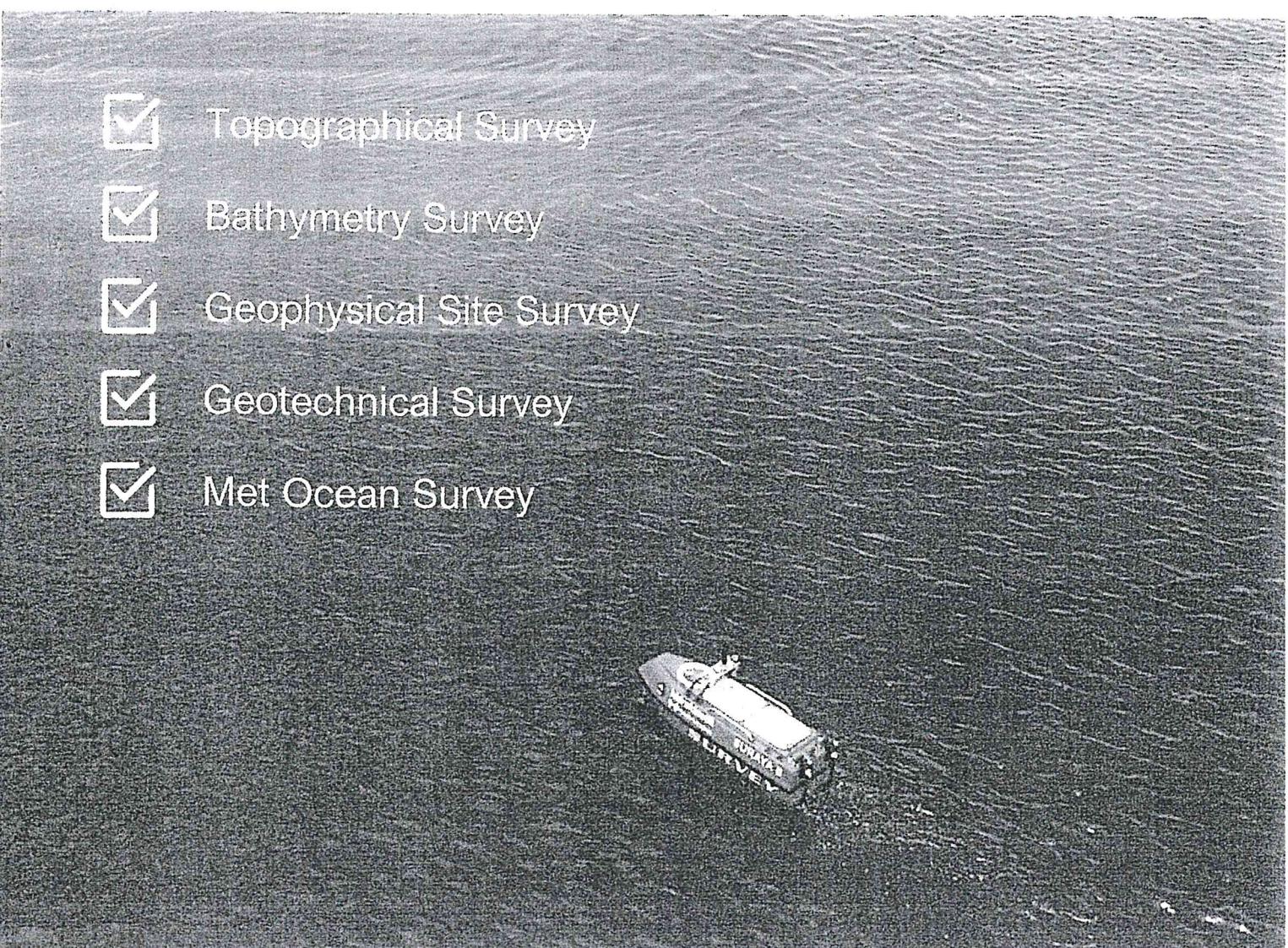


ROV Inspection

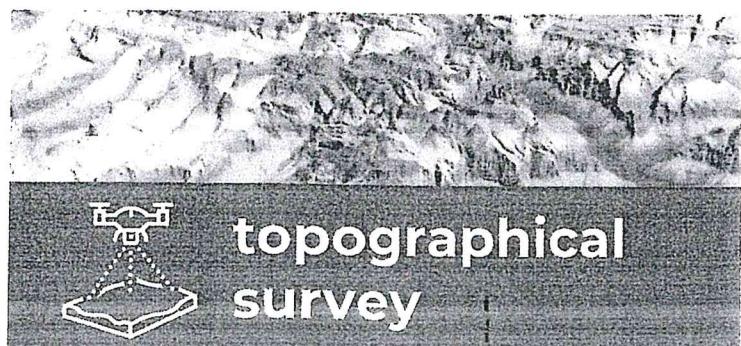
Provide visual subsea assets inspection at the tightest spots.

Core Capabilities of PT Hidrokinetik Indo Pacific

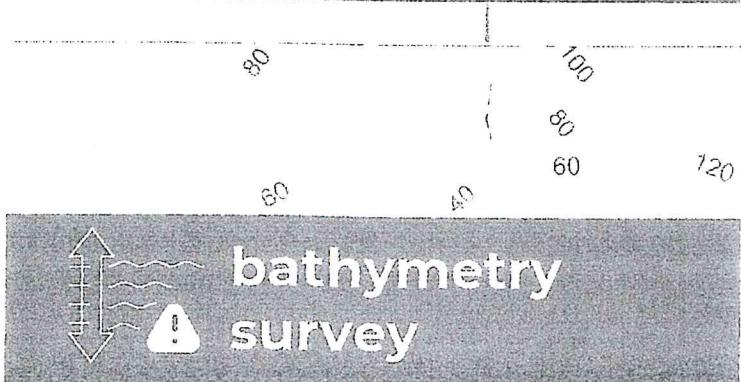
our Indonesian Operating Company

- 
- A black and white photograph showing a survey vessel from an aerial perspective. The ship is positioned in the lower right quadrant of the frame, moving through dark, textured ocean waves. The name "SURVEY" is visible on the side of the vessel.
- Topographical Survey
 - Bathymetry Survey
 - Geophysical Site Survey
 - Geotechnical Survey
 - Met Ocean Survey

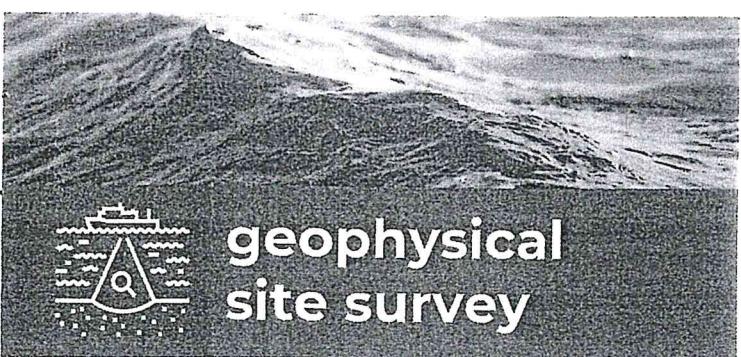
**one step away
Geo-data needs** **solve**



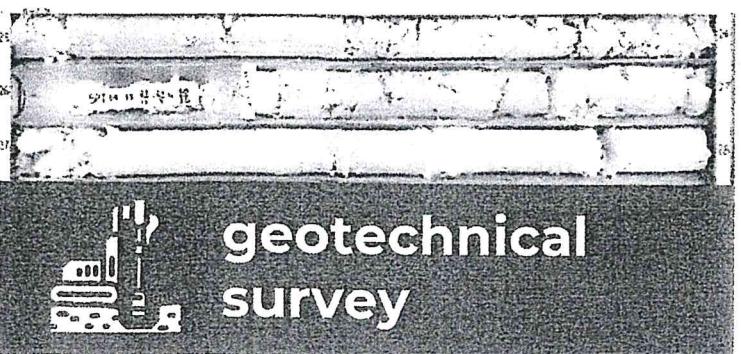
Topographical surveys map the actual surface of the earth with an accurate representation of its physical features and contours.



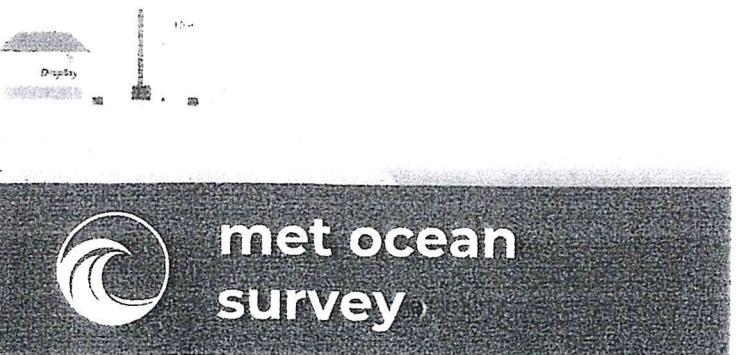
Bathymetry surveys precisely map the water depth and seabed morphology.



Geophysical surveys map the seabed and identify any potential hazards or significant objects, consisting: bathymetry, sub-bottom profiling, side-scan sonar, and magnetometer surveys.



Geotechnical surveys precisely describe and determine soil characteristics of subsurface layers, providing real-time soil resistance data and laboratory tests.



Met ocean surveys play a big part in decision making for engineering designs, to ensure the safety and efficiency of marine activities.

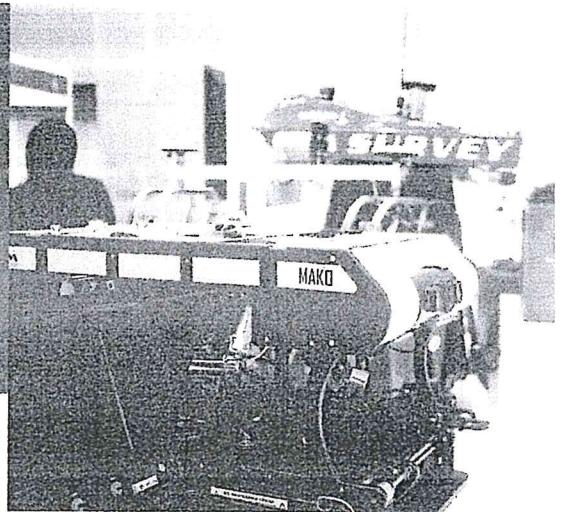
Core Capabilities of Hidrokinetik Technologies Pte Ltd

our Singaporean Operating Company



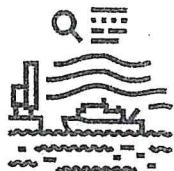
Hydrographic & ROV surveys

Delivering actionable data using advanced technology to support decision-making.

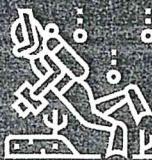


Marine Inspections & Compliance

Conducting thorough assessments to ensure safety, operational integrity, and regulatory compliance.

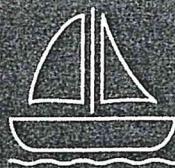
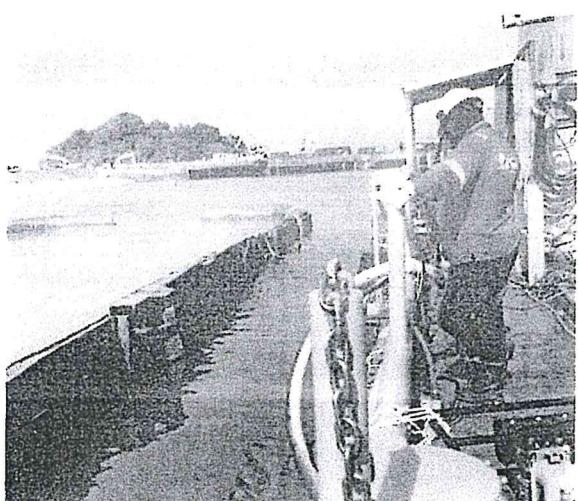
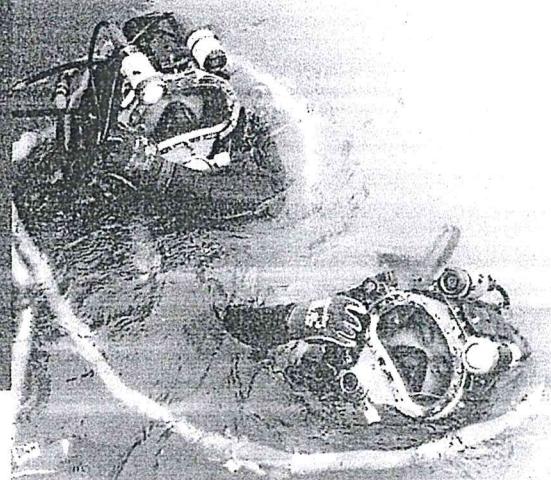


Unlock the potential of your operations with us!



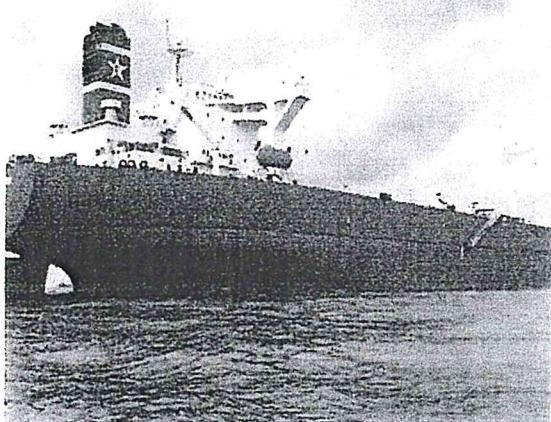
Diving & Offshore Supervision

Expertise in overseeing critical underwater and offshore operations.



SR Workboats Chartering

Offering licensed workboats for operations within Singapore waters.



Shipping & Agency Services

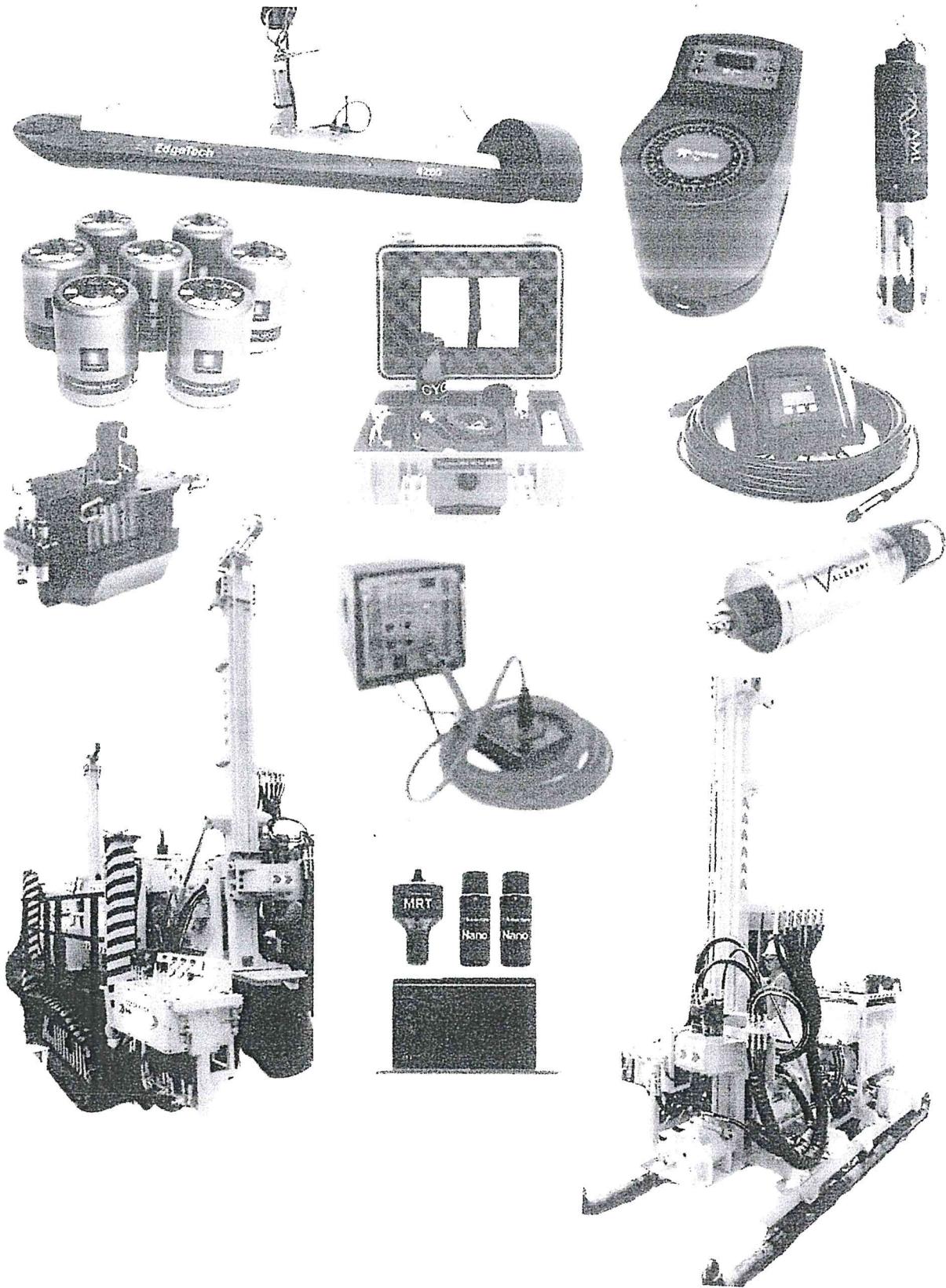
End-to-end support for shipping management, including vessel clearance and port logistics.



Hidrokinetik Technologies: assets overview

The secret to delivering our best services to our customers, and leading them towards successful projects, lies in the tools and experience. Having the right tools for the job empowers our experts to carry out projects efficiently and, more importantly, ensure safety for our team and clients.

- Singlebeam Echo Sounder (SBES)
- Multibeam Echo Sounder (MBES)
- Motion Sensors
- Sound Velocity Profiler / CTD
- Sub-Bottom Profiler
- Side-Scan Sonar
- Magnetometer
- Gravitycore
- Vibrocore
- Drilling Rigs
- CPT Rigs
- Suraya USV
- ROV
- AUV
- Underwater Tracking / Telemetry System



Suraya Surveyor

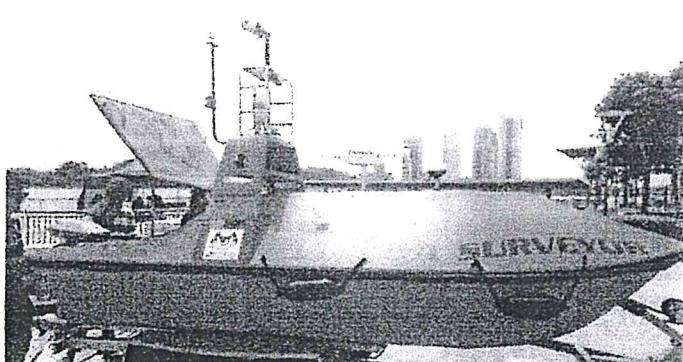
Development of Autonomous Surface Vessel for Sedimentation Investigation Port

Triumph in Technology: Unveiling the Autonomous Surface Vessel for Sedimentation Investigation

A groundbreaking collaboration between Hidrokinetik Technologies Sdn Bhd, Pesaka Mawar Sdn Bhd, and the International Islamic University Malaysia, fueled by a generous grant from the Ministry of Science and Technology, has culminated in a resounding success with the completion of the "Development of Autonomous Surface Vessel for Sedimentation Investigation at Ports" project. This extraordinary feat of innovation and engineering promises to revolutionize the way we understand and manage sedimentation in port environments.

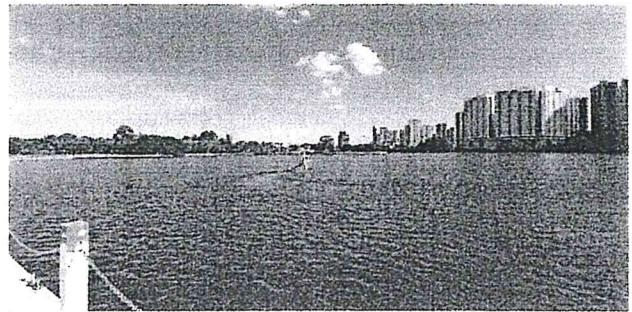
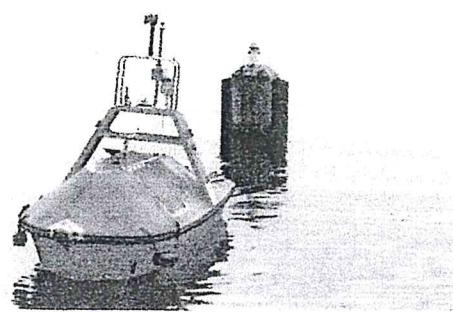
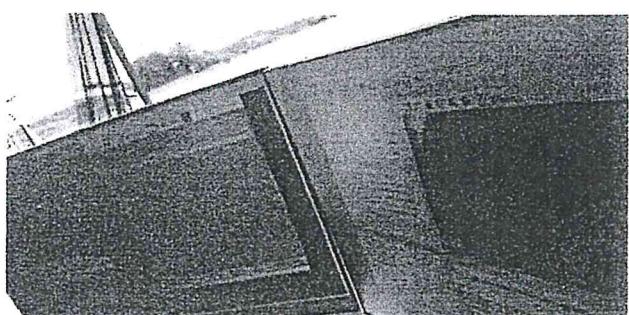
The journey to develop this cutting-edge technology began with a vision to address the persistent challenges posed by sedimentation in ports across the globe. Recognizing the critical importance of maintaining navigable depths and ensuring the economic feasibility of ports, the collaboration embarked on a mission to design and create an autonomous solution that could efficiently and accurately collect bathymetric data.

To mark this historic achievement, an open demonstration was organized, drawing representatives from various government agencies, including the Department of Minerals and Geosciences Malaysia, the National Hydrographic Centre, and the Division of Mineral Geosciences, Ministry of Natural Resources, Environment and Climate Change. The event showcased the ASV's capabilities and highlighted its potential impact on the maritime industry.



The project aims to achieve three key objectives related to the integration of an autonomous survey vehicle (ASV) in a port environment:

1. Implementing an advanced obstacle avoidance system: This involves the design and deployment of a sophisticated obstacle detection and avoidance system for the ASV. This system would utilize various sensors like LiDAR, sonar, or radar to detect potential obstacles in the ASV's path and employ machine learning algorithms to enhance its accuracy and adaptability.
2. Developing a robust control system: The project seeks to create a robust control system for the ASV to ensure stable and precise operation within the confines of the port. This control system would incorporate seismic and bathymetric sensors along with navigation and motion sensors to enable accurate data collection and real-time feedback, ultimately improving navigation and control.
3. Creating a high-quality bathymetric data collection ASV: The third objective involves designing and building an ASV capable of acquiring bathymetric data that meets the standards set by the International Hydrographic Organization (IHO). This would entail the incorporation of advanced sensors like multi-beam echosounders and sub-bottom profilers to accurately map the seafloor and measure water depth. Additionally, a robust communication system would be integrated into the ASV architecture to enable real-time data transmission and processing, ensuring the acquisition of precise and high-quality bathymetric data.

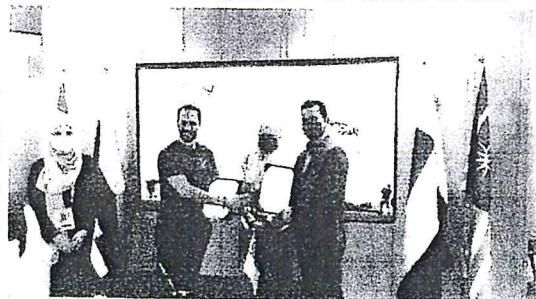
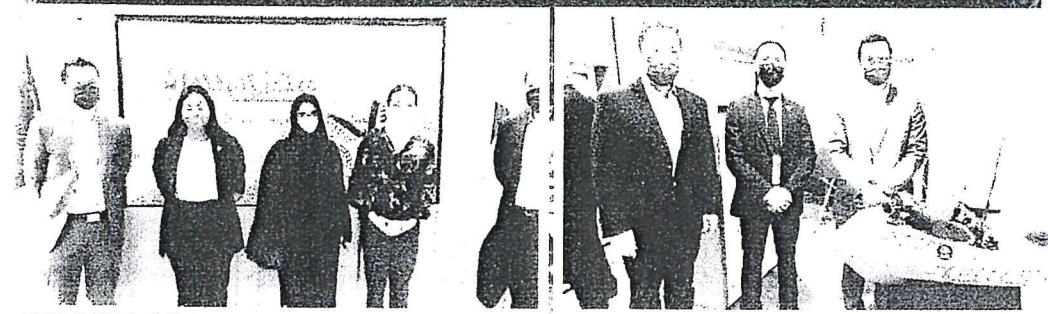


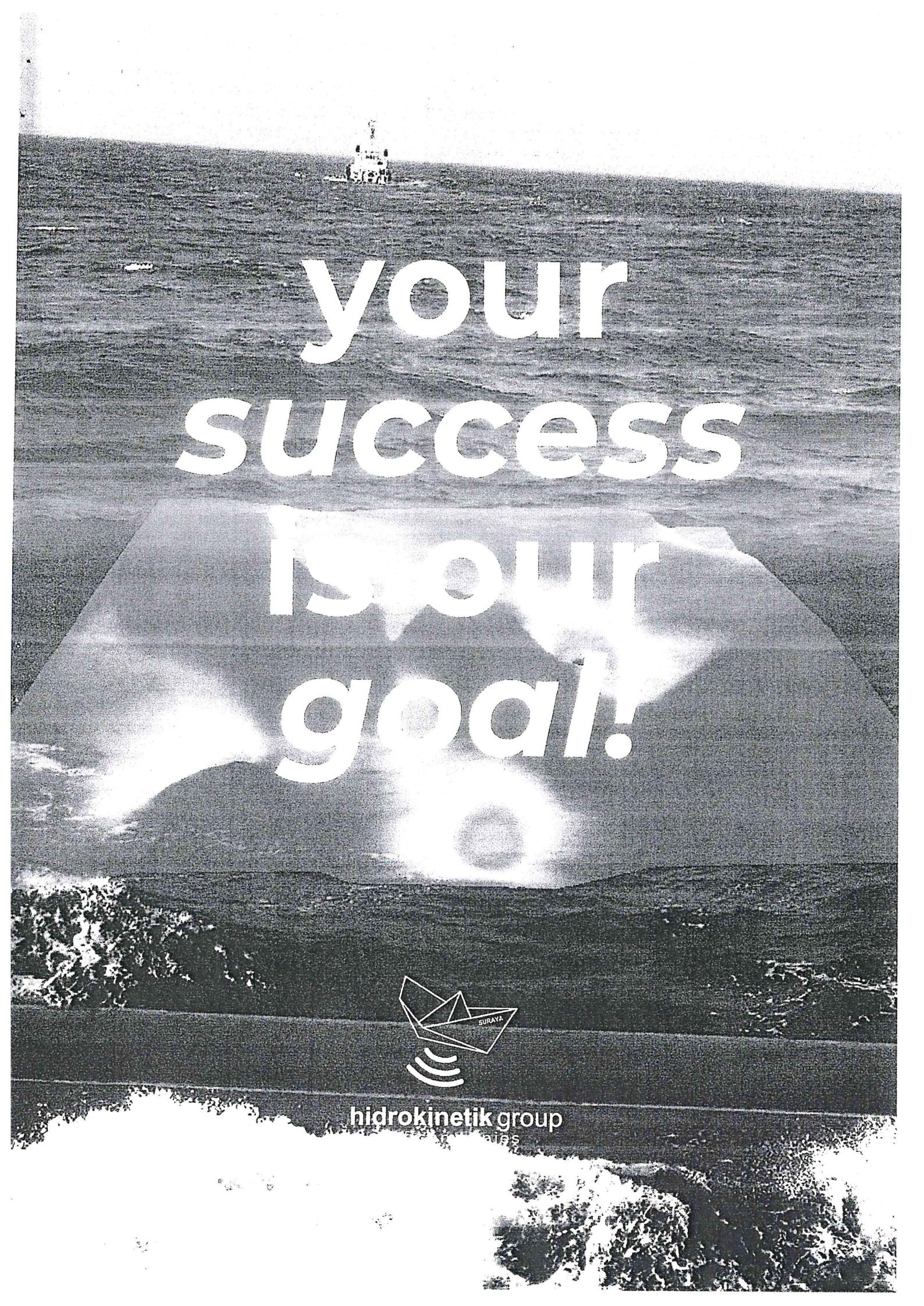
- The successful completion of the “Development of Autonomous Surface Vessel for Sedimentation Investigation at Ports” project heralds a new era in sedimentation management. As we celebrate this remarkable achievement, we look forward to witnessing the positive impact it will have on the maritime sector, port operations, and the economy at large. Indeed, the future is brimming with exciting possibilities as this remarkable technology sets sail into new horizons.

Dubai Expo 2020

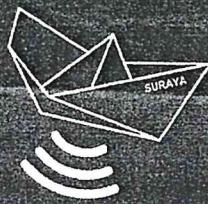
Showcasing Hidrokinetik Technologies' expertise in autonomous marine systems and unmanned surface vessel (USV) technology at the most prestigious global business expo, Dubai Expo 2020, allowed us to network and foster new partnerships through Memorandum of Collaborations with global businesses.

As a result, we have forged new business partnerships that have propelled the company to new heights with opportunities for international partnerships and mutual benefits. This unique opportunity certainly brings Hidrokinetik Group one step closer to being a global company.





your
success
is your
goal!



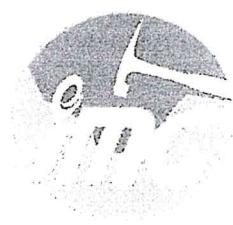
hidrokinetik group
Hydrokinetic Solutions

the industry

- Oil and Gas Exploration and Development
- Subsea Cable and Pipeline
- Engineering and Infrastructure Development
- Renewable Energy
- Mining
- Environmental Management and Disaster Mitigation
- Asset Management

our clients

We have successfully served the region's government and large private GLCs, contributing to the company's rapid growth. Our Client's Success Stories are our Success.



PERTAMINA

LPU
SIGAP MEMBANGUN NEGERI



PETRONAS
CARIGALI

VALE



HGIS TM
High Quality Geospatial Solutions

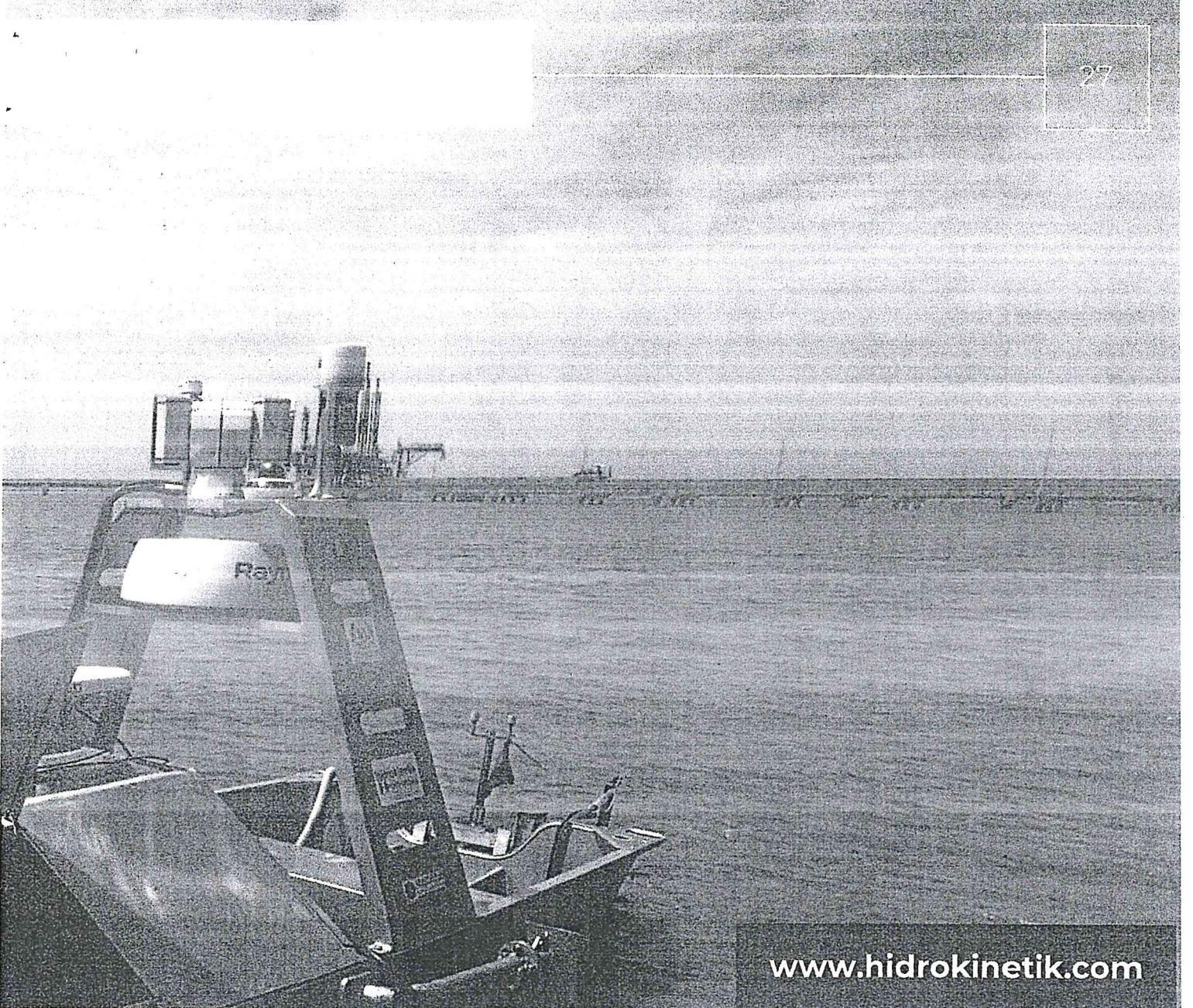
TIMOR GAP

fugro



PERISAI

hidroituva tk group
of companies



www.hidrokinetik.com

hidrokinetik group's track record

- 2017 KAJ Development Sdn Bhd Melaka Gateway Sand Source Hydrographic Survey, Geotechnical and Hydraulic Works (EIA)
- 2017 EOSH Industries Sdn Bhd Melaka Sand Source Hydrographic Survey, Geotechnical and Hydraulic Works (EIA)
- 2017 Bahtera Teroka Sdn Bhd Melaka Sand Source Hydrographic Survey, Geotechnical and Hydraulic Works (EIA)
- 2017 Shan Care Mining Sdn Bhd Selangor Sand Source Hydrographic Survey, Geotechnical and Hydraulic Works (EIA)
- 2017 Pusat Hidrografi Nasional, Royal Malaysian Navy Installation and Commissioning Environmental Monitoring Station at Kuantan, Pulau Indah, Sepanggar Sabah and Pulau Layang-layang
- 2017 HESS/Victoria Production Services/Petronas Calibration and Verification of Helideck Monitoring System on FPSO Kamelia
- 2018 JHW Holdings Sdn Bhd Terengganu Sand Source Hydrographic survey, Geotechnical and Hydraulic Works (EIA)
- 2018 Yuyi Management Sdn Bhd Kelantan Sand Source Hydrographic survey, Geotechnical and Hydraulic Works (EIA)

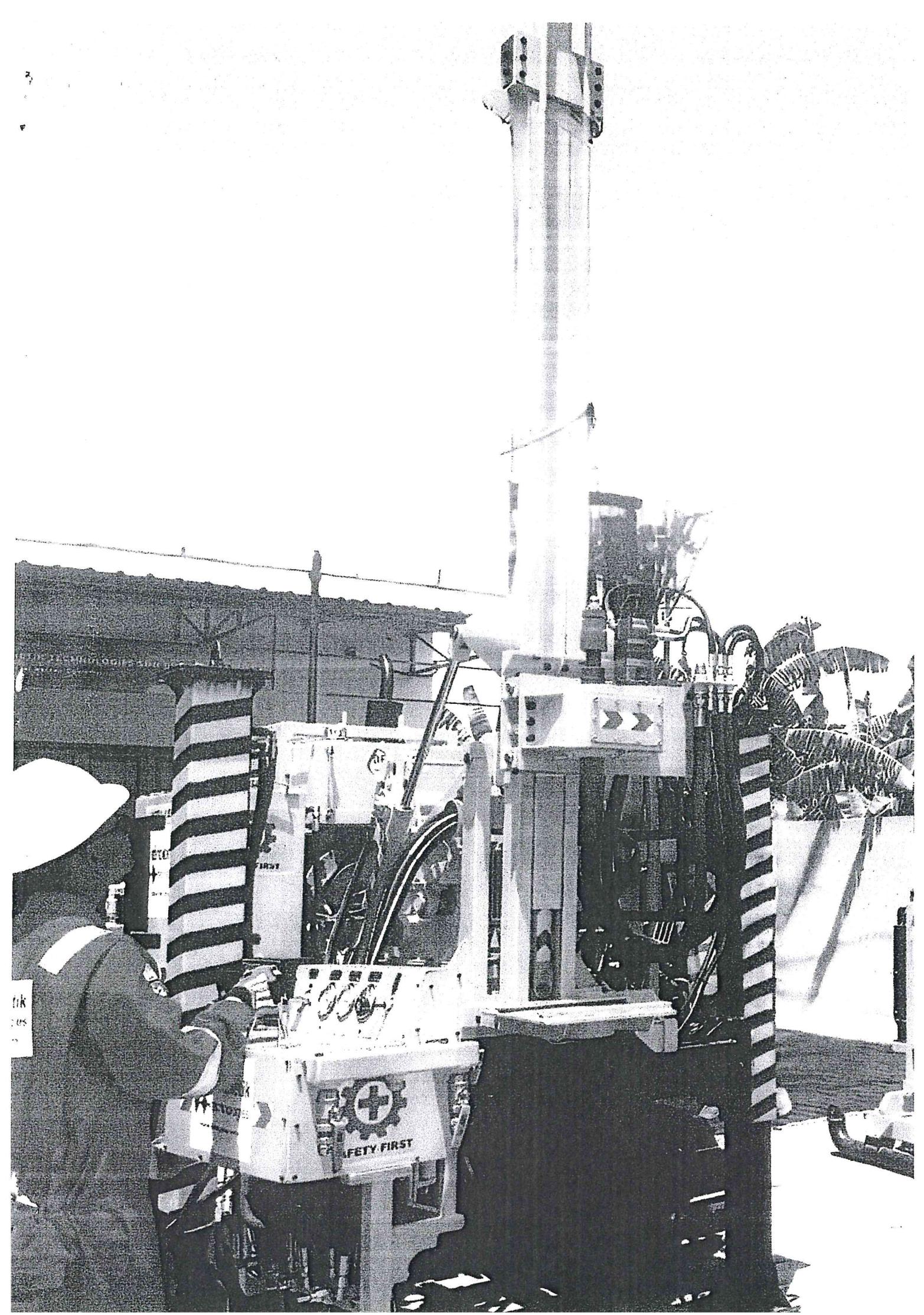
- 2019 Nafa Teguh Resources Bathymetric Survey at Paka, Terengganu
- 2019 Shelf Drilling Provision of Rig Move Equipment for JUR Deep Driller Move
- 2019 Asal Jasa Sdn Bhd Bathymetric Survey on River Mouth and Ship to Ship Coordinates at Dungun, Kuala Terengganu
- 2019 Koperasi Wawasan Malaysia Berhad Hydraulic and Bathymetric Studies at Sungai Kluang, Terengganu
- 2019 PETRONAS Provision of Rig Move equipment for Esperanza Move
- 2020 Faica Bina Sdn Bhd Bathymetric, Seismic and Geotechnical Job at Tanjung Aru, Labuan
- 2020 Mr Setia Sdn Bhd Hydraulic and Bathymetric Studies at Sungai Dungun, Kuala Terengganu
- 2020 Timbang Suasa Sdn Bhd Hydraulic Studies at Linggi, Melaka

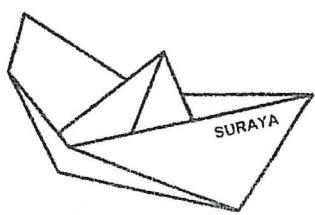
| | |
|---------------------------------------|---|
| ● 2020 Vale Malaysia Minerals Sdn Bhd | Deployment of USV Single Beam Echosounder (SBES) at Seri Manjung, Perak |
| ● 2020 FCY Construction Sdn Bhd | SYABAS Pipeline Construction at Sg Langat, Selangor |
| ● 2020 Jerangau Resources Sdn Bhd | Deployment of USV Single Beam Echosounder (SBES) Sungai Paloh, Kuala Kerteh, Terengganu |
| ● 2020 PTTEP | Provision of Rig Move Equipment for SKD T-18 Move |
| ● 2020 PTTEP | Provision of Rig Move Equipment for JU Rig Skald Move |
| ● 2021 Golden Ecosystem Sdn Bhd | Maharani Gateway Sand Source Hydrographic survey, Geotechnical and Hydraulic Works (EIA) & Deployment of USV Single Beam Echosounder (SBES) |
| ● 2021 MRCSB | Bathymetry and Hydraulic Studies for Siltation at Sea Water Intake Channel |
| ● 2021 JHW Holdings Sdn Bhd | Hydraulic and Bathymetric Studies at Kijal, Kuala Terengganu |

- | | | | |
|---|------|--|--|
| ● | 2021 | Suria Sewira Sdn Bhd | Hydraulic and Bathymetric Studies at Kota Kinabalu, Sabah |
| ● | 2021 | PETRONAS | Provision of Rig Move Equipment for Naga-6 Move |
| ● | 2021 | Sapura OMV | Provision of Rig Move Equipment for Naga-2 and ROV Support Services |
| ● | 2022 | OMS Group | Bathymetry Survey for Cable Route, Stingray II - Merang to Redang Island |
| ● | 2022 | UMT Collaboration | Pulau Bidong Sub Bottom Profiling for Archaeological Site |
| ● | 2022 | Leighton Offshore Sdn Bhd/ Leighton Asia | Bathymetric & SBP Survey in Linggi, Melaka |
| ● | 2022 | Unity Force Sdn Bhd | Bathymetry Survey along Sg Lutong River, - Fronting Petronas Carigali MCOT |

- 2022 Sapura GeoSurvey (M) Sdn Bhd Sapura Subsea Services Sdn Bhd / Shell Pan Mal Year 2022 Campaign
- 2022 Bintang Subsea Sdn Bhd Rigmove Toyama
- 2022 Sapura GeoSurvey (M) Sdn Bhd HESS Phase 4A Year 2022 Campaign
- 2022 PTTEP Provision of Rig Move Equipment for Eastern WM300 Move
- 2022 PTTEP Seabed Scanning Survey for Jack-up Rig placement - Trident 15
- 2022 TM, OMS Group & Fugro Collaboration Merang, Redang Pipeline Survey
- 2022 Sapura Subsea Services Sdn Bhd PTTEP (M) Sabah KIKEH/SNP/BLOCK H Inspection Year 2022 Campaign

- 2022 CONOCO Provision of Rig Move Equipment for JU Rig Icon Caren (PP101) Move
- 2022 Sapura Subsea Services Sdn Bhd REPSOL KNB Underwater IRM Year 2022 Campaign
- 2023 CARIGALIHESS N8 BMD to CKB Rigmove Positioning
- 2023 Sea Hibiscus Sdn Bhd Provision of Analogue & 2DHR Site Investigation Survey at North Sabah
- 2024 Turcomp (Starke Marine) Provision of Engineering, Procurement, Construction, Installation & Commisioning (EPIC) of PL431, PL436 & PL314 Pipeline Replacement and Topside Modification Project
- 2024 Arema Energies CEFORE Petronas Project
- 2024 TIMOR GAP, E. P. Suai Supply Base (SSB) Physical Survey Campaign





hidrokinetik group

hidrokinetik
technologies

A black and white photograph showing a group of people outdoors. In the foreground, a man is visible from the side, wearing a cap and a light-colored shirt. On the shirt, there is a graphic of a sailboat with the word "SURAYA" written on it. Behind him, several other people are standing, some wearing hats. In the background, there are palm trees and a building with vertical lettering that appears to read "TRANSAKSI". The overall scene suggests a casual gathering or event.



**Hidrokinetik Group Sdn Bhd
(Headquarters)**

Hidrokinetik Technologies Sdn Bhd

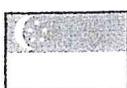
354, Melawati Urban 1,
Lorong Kedah, Taman Melawati,
53100, Kuala Lumpur, Malaysia

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sales@hidrokinetik.com

**Temasek Hidroteknik Sdn Bhd
Survey & Rental Division
R&D/Manufacturing Facility**

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53100, Kuala Lumpur, Malaysia

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**PT Hidrokinetik Indo Pacific
(Indonesia)**

Gedung Centennial Tower Fl. 29 Units D-F
Jl. Jend. Gatot Subroto, Karet Semanggi, Setiabudi
Jakarta Selatan - DKI Jakarta 12930

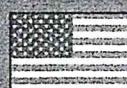
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(Timor-Leste)**

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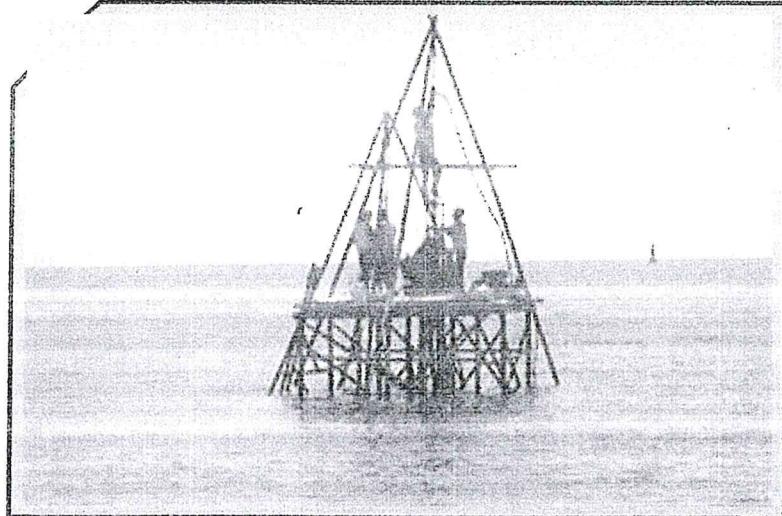
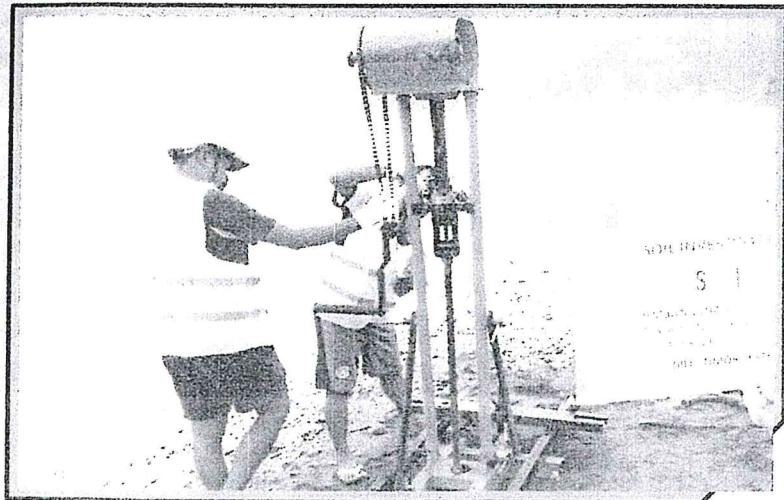
**Hidrokinetik Seastx
(United States)**

3 Sugar Creeks Center Boulevard #100
Sugar Land TX 77478

sales@hidrokinetik.com

QUOTATION

**PROJECT NAME:
TOPOGRAPHIC SURVEY AND SOIL INVESTIGATION
AT PANTAI KELAPA**



CARYA TIMOR LESTE, LDA.

Rua 20 de Maio No. 101, Aldeia Audian, Suco Santa Cruz,
Posto Administrativo Nain Feto, Municipio de Dili, East Timor
Phone: (+670) 7725 6873 Email: ctl99.dili@gmail.com



CARYA TIMOR LESTE, LDA.

Rua 20 de Maio No. 101, Aldeia Audian, Suco Santa Cruz,
Posto Administrativo Nain Feto, Municipio de Dili, East Timor
Phone: (+670) 7725 6873. Email: ctl99.dili@gmail.com

Our Ref. : 009/CTL-PRO/DILI/III/2025

Date : March 26th, 2025

To : **Ministro do Turismo e Ambiente**
República Democrática de Timor Leste

Works : Soil Investigation

Subject : **Quotation**

09

Dear Sir,

In connection with the above mentioned works, herewith we submitted our Quotation with the total Amount is US\$ 35,000.00 (Thirty Five Thousand US Dollars).

We hope our company acceptable and we are looking forwards to provide more services in the future.

Thanks for your good attention and good co-operation.

Sincerely Yours,

HO FOE GOAN

C.E.O.

SARYA TIMOR LESTE, LDA.

Rua 2G da Ribeira N.º 101, Aldeia Acaihau, Suco Santa Cruz,
Posto Administrativo Nain Feto, Municipio de Dili, East Timor
Phone: (+670) 7725 6973, Email: ctss@ctssgnld.com

QUOTATION

To : Ministro do Turismo e Ambiente

Atn. : -

| No. | Item Description | Quantity | Unit | Unit Price | Amount | Remarks |
|-----|------------------------|----------|-------|-------------|--------------|--|
| 1 | Soil Investigation | | | | | |
| | Boring Test (on Beach) | 4.00 | Point | \$ 8,500.00 | \$ 34,000.00 | Depth: Max. 25 Meter or SPT 40 (one of them achieved); Water Level: Max. 2 meter; Output: SPT Value and Index Property Test Only |
| | | | | TOTAL | \$ 34,000.00 | |

Dili, March 26th, 2025

Submitted by:

HORO GOMANT
CEO