

KARPOWERSHIP



KARPOWER GROUP STRUCTURE

KARPOWER

KARPOWERUSA

Karpower USA has commenced operations in Brownsville, Texas, with the aim of meeting America's upcoming energy demands, driven primarily by data centers, through turnkey land-based power plant and floating power ship solutions.



KARPOWERSHIP

World's largest owner & operator of floating power plants fully integrated, plug-and-play deployment.



KINETICS

Integrated LNG fleet, renewables and energy-transition platforms supporting global power assets.



KARPOWERYARD

Shipbuilding and industrial manufacturing. Vessel engineering, design and module assembly.



KARPOWERSHIP AT A GLANCE

Company Overview

- The owner, operator and builder of the only Powership (floating power plant) fleet in the world
- Growing renewable portfolio, currently solar in Brazil and Ukraine, as well as solar and geothermal in Türkiye
- 3,000 employees from **30 different countries**
- Project sizes from small to utility scale with short, mid, and long-term contracts
- Turn-key solutions covering the entire value chain, fuel supply (from upstream to downstream) to power generation
- Eliminating construction-related risks; re-deployment flexibility, securing sustainable economics over the long lifetime of the assets

Areas of operations



45 Powerships
8,500 MW
installed capacity



11 LNG
assets



Land-based



Renewables
6 locations

REGIONAL PORTFOLIO: SUPPLYING VITAL ELECTRICITY TO NATIONS

OUR SHARE IN TOTAL INSTALLED
CAPACITY IN PROJECT LOCATIONS

Project References

 THE GAMBIA 40%	 GHANA 23%
 GUINEA BISSAU 100%	 ECUADOR 7%
 SIERRA LEONE 60%	 SENEGAL 21%
 IVORY COAST 7.5%	 GUINEA CONAKRY 12.5%
 GABON 25%	 MOZAMBIQUE 3%
 GUYANA 27%	 NEW CALEDONIA 15%
 DOMINICAN REPUBLIC 10%	 RIO DE JANEIRO, BRAZIL 9%
 ZAMBIA 16%	 LEBANON 25%
 IRAQ 3.5%	 EAST NUSA TENGGARA INDONESIA 55%
 AMBON INDONESIA 80%	 MEDAN INDONESIA 10%
 NORTH SULAWESI INDONESIA 30%	 SUDAN 10%

PAST
REFERENCES

 DOMINICAN REPUBLIC	 İrem Sultan 105 MW	 Esra Sultan 79 MW	 Süheyla Sultan 235 MW
 ECUADOR	 Emre Bey 110 MW	 Murat Bey 105 MW	 Erin Sultan 120 MW

	GUYANA				
		Barış Bey 37 MW	Ela Sultan 79 MW		
	BRAZIL				
		Yurdanur Sultan 120 MW	Osman Bey 258 MW	Zeynep Sultan 120 MW	Filiz Sultan 79 MW

 SENEGAL	 Aysegül Sultan 235 MW	 Cokhan Bey 125 MW
 GUINEA CONAKRY	 Kaya Bey 228 MW	 Yasin Bey 125 MW

 SIERRA LEONE	 Doğan Bey 130 MW	
 IVORY COAST	 Koray Bey 35 MW	 Ibrahim Bey 125 MW

 GHANA	 Osman Khan 470 MW
 GABON	 Deniz Sultan 220 MW



MOZAMBIQUE

E



Nezir Bey

37 MW



SUDAN

N



Rauf Bey

185 MW



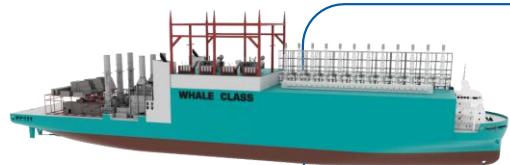
Ebru Sultan

85 MW

 IRAQ	 Orhan Ali Khan 415 MW
 NEW CALEDONIA	 Orhan Bey 208 MW

FLEET OVERVIEW

With 45 vessels across six specialized classes delivering over 8,500 MW of installed capacity, the Powership fleet offers scalable power solutions ranging from 30 MW to 600 MW.



WHALE CLASS

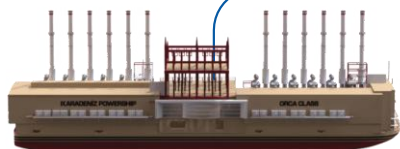
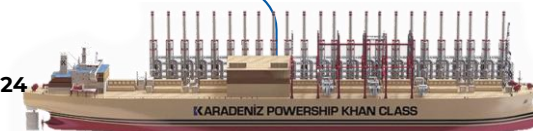
Capacity: **500– 600 MW**
On-board accommodation: **46**
Fuel storage: **N/A**

Number of engines: **3**
GAS turbines: **6**
Self-propelled

KHAN CLASS

Capacity: **415 – 500 MW**
On-board accommodation: **80**
Fuel storage: **38,000 MT**

Number of engines: **21-24**
Steam turbines: **2**
Self-propelled



ORCA CLASS

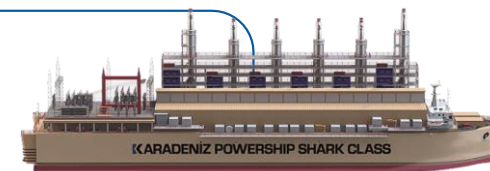
Capacity: **200 – 260 MW**
On-board accommodation: **60**
Fuel storage: **8,500 MT – 10,700 MT**

Number of engines: **11-12**
Steam turbines: **1**

SHARK CLASS

Capacity: **100 – 240 MW**
On-board accommodation: **50**
Fuel storage: **830 MT – 5,500 MT**

Number of engines: **6**
Steam turbines: **1**
Self-propelled



MERMAID CLASS

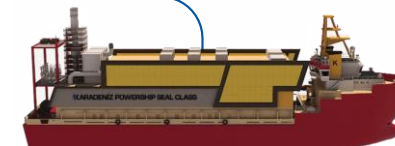
Capacity: **60 – 140 MW**
On-board accommodation: **20**
Fuel storage: **2,800 MT**

Number of engines: **4**
Steam turbines: **1**

SEAL CLASS

Capacity: **30 –50 MW**
On-board accommodation: **20**
Fuel storage: **2,045 MT**

Number of engines: **2**
Steam turbines: **-**
Self-propelled



OUR POWERSHIP FLEET

WHALE CLASS >400 MW



KARADENİZ POWERSHIP
600 MW

KHAN CLASS >400 MW



KARADENİZ POWERSHIP
ONUR SULTAN
KPS #14 - 470 MW



KARADENİZ POWERSHIP
ORHAN ALİ KHAN
KPS #16 - 415 MW



KARADENİZ POWERSHIP
OSMAN KHAN
KPS #12 - 470 MW



KARADENİZ POWERSHIP
ORKA SULTAN
KPS #15 - 415 MW

ORCA CLASS 260 - 200 MW



KARADENİZ POWERSHIP
ORHAN BEY
KPS #7 - 208 MW



KARADENİZ POWERSHIP
OSMAN BEY
KPS #8 - 258 MW



KARADENİZ POWERSHIP
FATMAGÜL SULTAN
KPS #9 - 208 MW



KARADENİZ POWERSHIP
DENİZ SULTAN
KPS #90 - 220 MW



KARADENİZ POWERSHIP
AYŞEGÜL SULTAN
KPS #10 - 235 MW



KARADENİZ POWERSHIP
SÜHEYLA SULTAN
KPS #1 - 235 MW

SHARK CLASS 240 - 100 MW



KARADENİZ POWERSHIP
DOĞAN BEY
KPS #3 - 130 MW



KARADENİZ POWERSHIP
RAUF BEY
KPS #4 - 185 MW



KARADENİZ POWERSHIP
KAYA BEY
KPS #5 - 228 MW



KARADENİZ POWERSHIP
ZEYNEP SULTAN
KPS #21 - 120 MW



KARADENİZ POWERSHIP
YAŞIN BEY
KPS #23 - 125 MW



KARADENİZ POWERSHIP
GÖKHAN BEY
KPS #22 - 125 MW



KARADENİZ POWERSHIP
İBRAHİM BEY
KPS #24 - 125 MW



KARADENİZ POWERSHIP
MEHMET BEY
KPS #25 - 125 MW



KARADENİZ POWERSHIP
İREM SULTAN
KPS #26 - 105 MW



KARADENİZ POWERSHIP
EMRE BEY
KPS #27 - 110 MW

MERMAID CLASS 140 - 60 MW



KARADENİZ POWERSHIP
ESRA SULTAN
KPS #60 - 79 MW



KARADENİZ POWERSHIP
ERKİN SULTAN
KPS #6 - 120 MW



KARADENİZ POWERSHIP
FİLİZ SULTAN
KPS #61 - 79 MW



KARADENİZ POWERSHIP
YURDANUR SULTAN
KPS #2 - 120 MW



KARADENİZ POWERSHIP
ELA SULTAN
KPS #62 - 79 MW



KARADENİZ POWERSHIP
EBRU SULTAN
KPS #65 - 85 MW



KARADENİZ POWERSHIP
EROL BEY
KPS #66 - 72 MW

SEAL CLASS 50 - 30 MW



KARADENİZ POWERSHIP
GÖKTAY BEY
KPS #53 - 34 MW



KARADENİZ POWERSHIP
KORAY BEY
KPS #50 - 35 MW



KARADENİZ POWERSHIP
METİN BEY
KPS #51 - 34 MW



KARADENİZ POWERSHIP
NEZİH BEY
KPS #52 - 37 MW



KARADENİZ POWERSHIP
BARIŞ BEY
KPS #54 - 37 MW



KARADENİZ POWERSHIP
GÖKSEL BEY
KPS #55 - 40 MW



KARADENİZ POWERSHIP
BELGİN SULTAN
KPS #57 - 13 MW

Powerships are the world's only floating power plants that deliver fast-track, low-emission, and flexible energy solutions requiring no land acquisition or construction time, making them ideal for emergency, transitional, and long-term power needs.



SELF-PROPELLED



NON-PROPELLED

KARPOWER

PIONEERING INDUSTRIALIST

Innovators | Agile | Doers | Makers



Presence in over 30 countries
around the globe



80 years of
heritage



30 years in energy &
infrastructure

KARPOWER VALLEY

- › Integrated data center/power provider with AI focus
- › Pipeline of ~21 GW over the next 5 years



KARPOWER DATA

- › World's only owner & operator of Powerships
- › Proven track record of delivering 8.5 GW



KARPOWER POWER SOLUTIONS US

- › LNGTS, FSRU, LNGC fleet
- › 11 floating LNG assets
- › Own fuel supply division



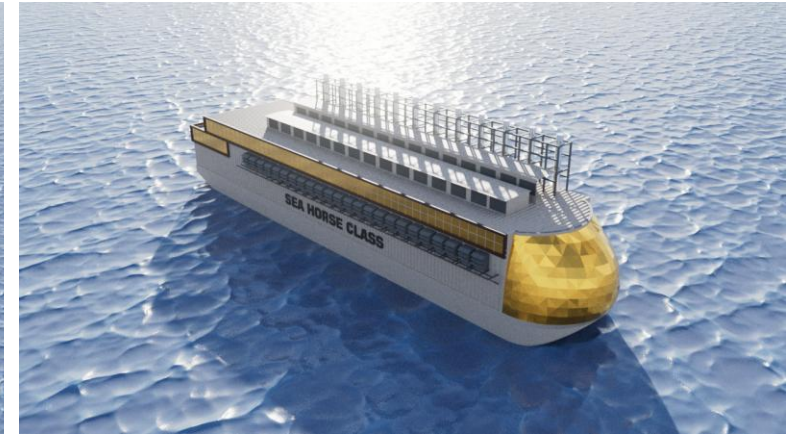
NEW POWERBLOCK CLASSES



Dolphin Class
Capacity: 800 MW for 60Hz,
600 MW for 50Hz



Whale Class
Capacity: 600 MW



Sea Horse Class
Capacity: 127 MW



Caretta Class (BESS)
Capacity: 500-1,000 MWh



Sea Lion
Capacity: 300 MW



Orca Class
Capacity: 270 MW

LAND-BASED SOLUTIONS

Gigawatt Park

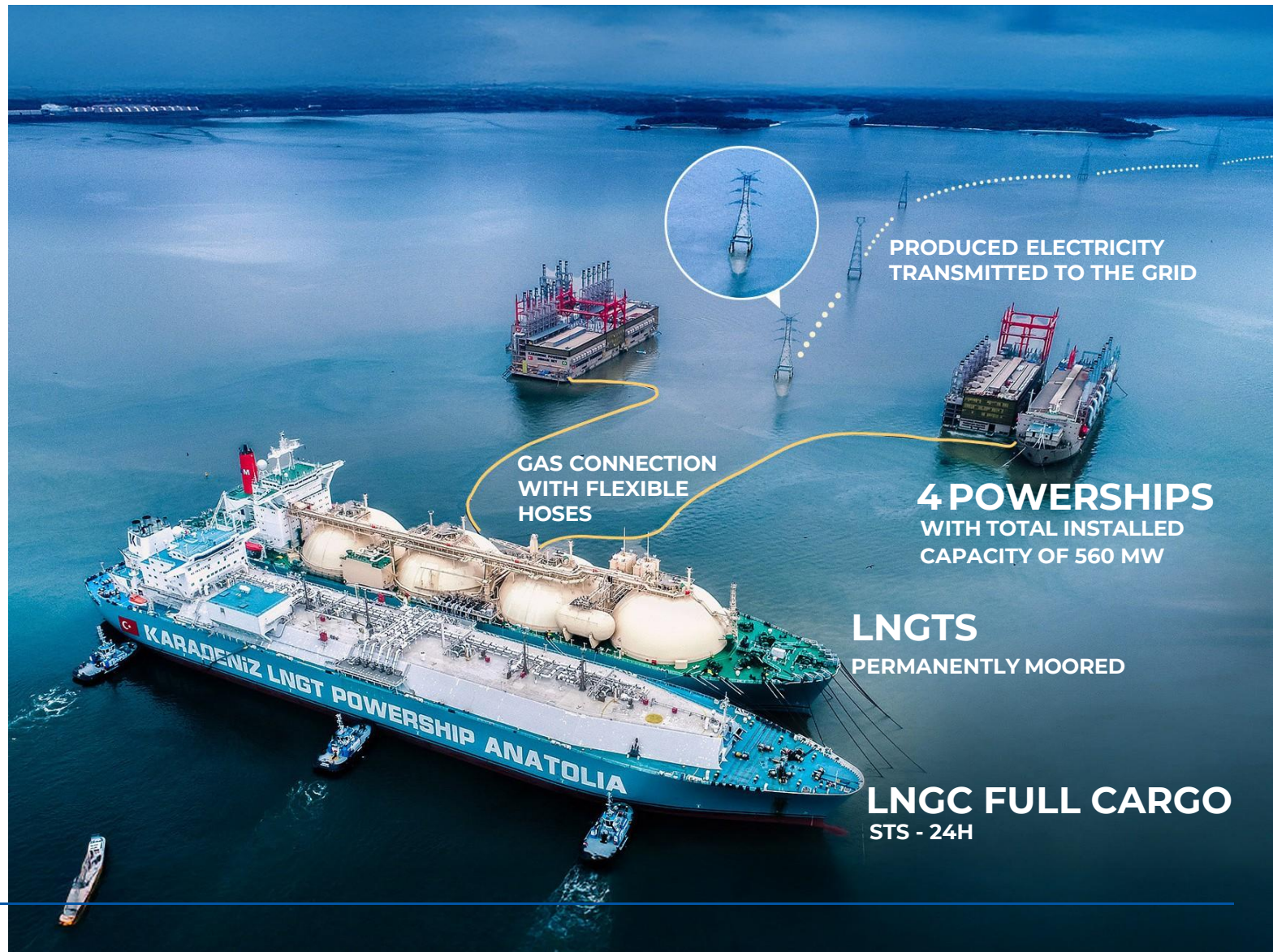
Modular, standardized power blocks

- Scalable from <500 MW to 1 GW
- Designed for data-center adjacency
- Reduces grid congestion and water stress
- Faster construction through repeatable modules
- Phased, demand-driven capacity expansion



BRAZIL PROJECT LAYOUT

- LNG Storage Capacity 125,000 m³
- Moss type containment system
- LNG Carrier for supply of 560 MW of dispatch
- Cargo transfer: Flexible hoses, STS



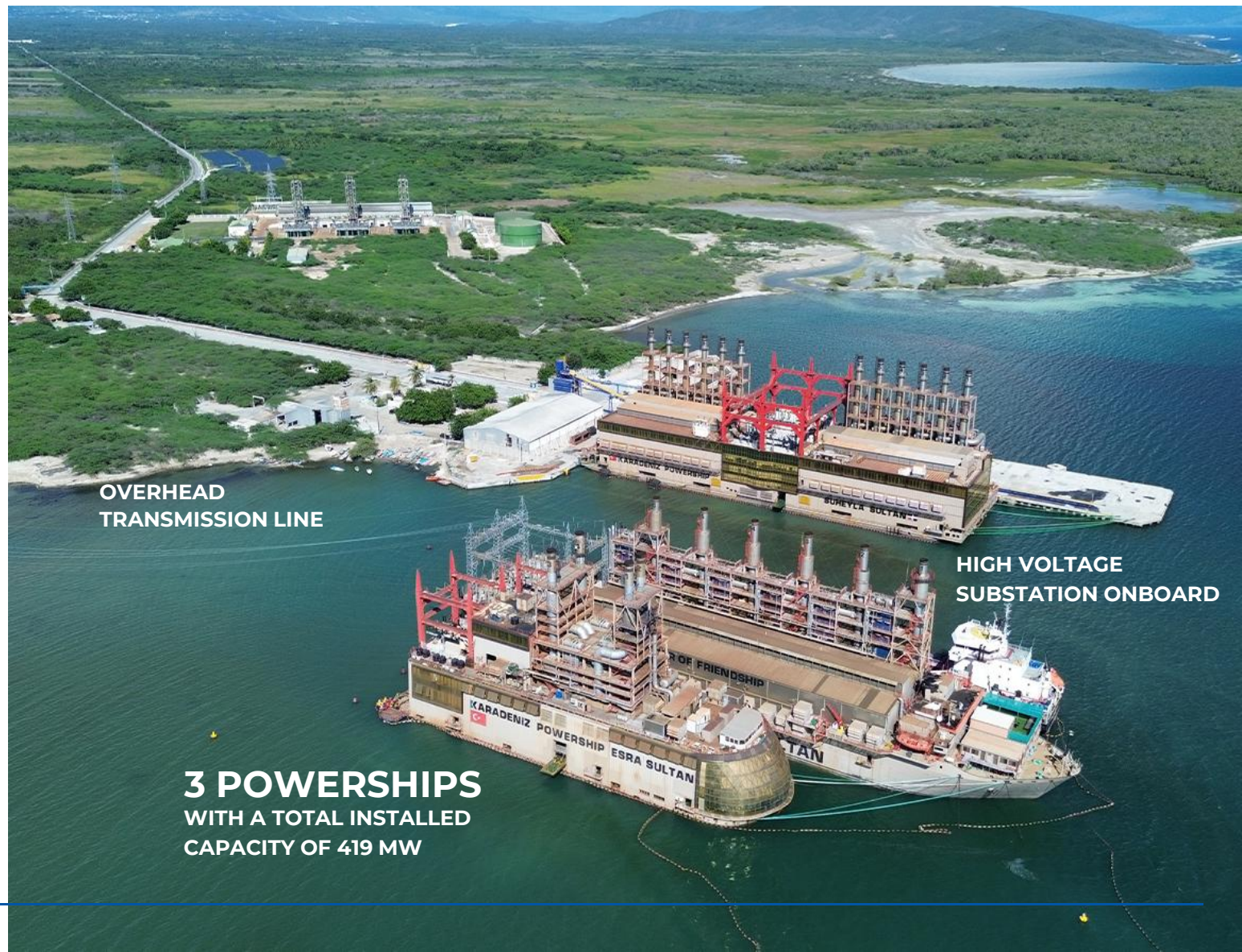
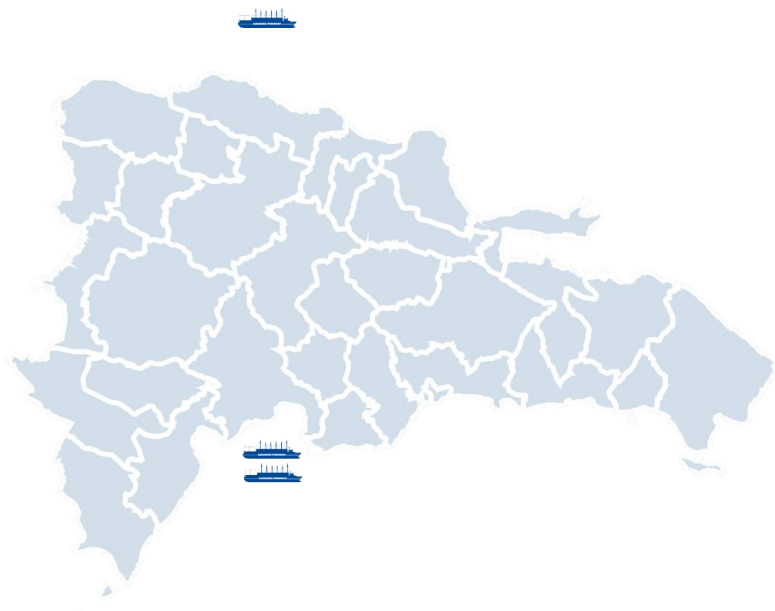
SENEGAL PROJECT LAYOUT

- LNG Storage Capacity 125,000 m³
- Moss type containment system
- LNG Carrier to supply LNG volume required for power generation
- Cargo transfer: Pipeline, STS



DOMINICAN REPUBLIC PROJECT LAYOUT

- Total Installed Capacity 419 MW
- Connection via Overhead Transmission Lines



OVERHEAD
TRANSMISSION LINE

HIGH VOLTAGE
SUBSTATION ONBOARD

3 POWERSHIPS
WITH A TOTAL INSTALLED
CAPACITY OF 419 MW



GHANA PROJECT LAYOUT

- Receiving natural gas directly from the local gas grid

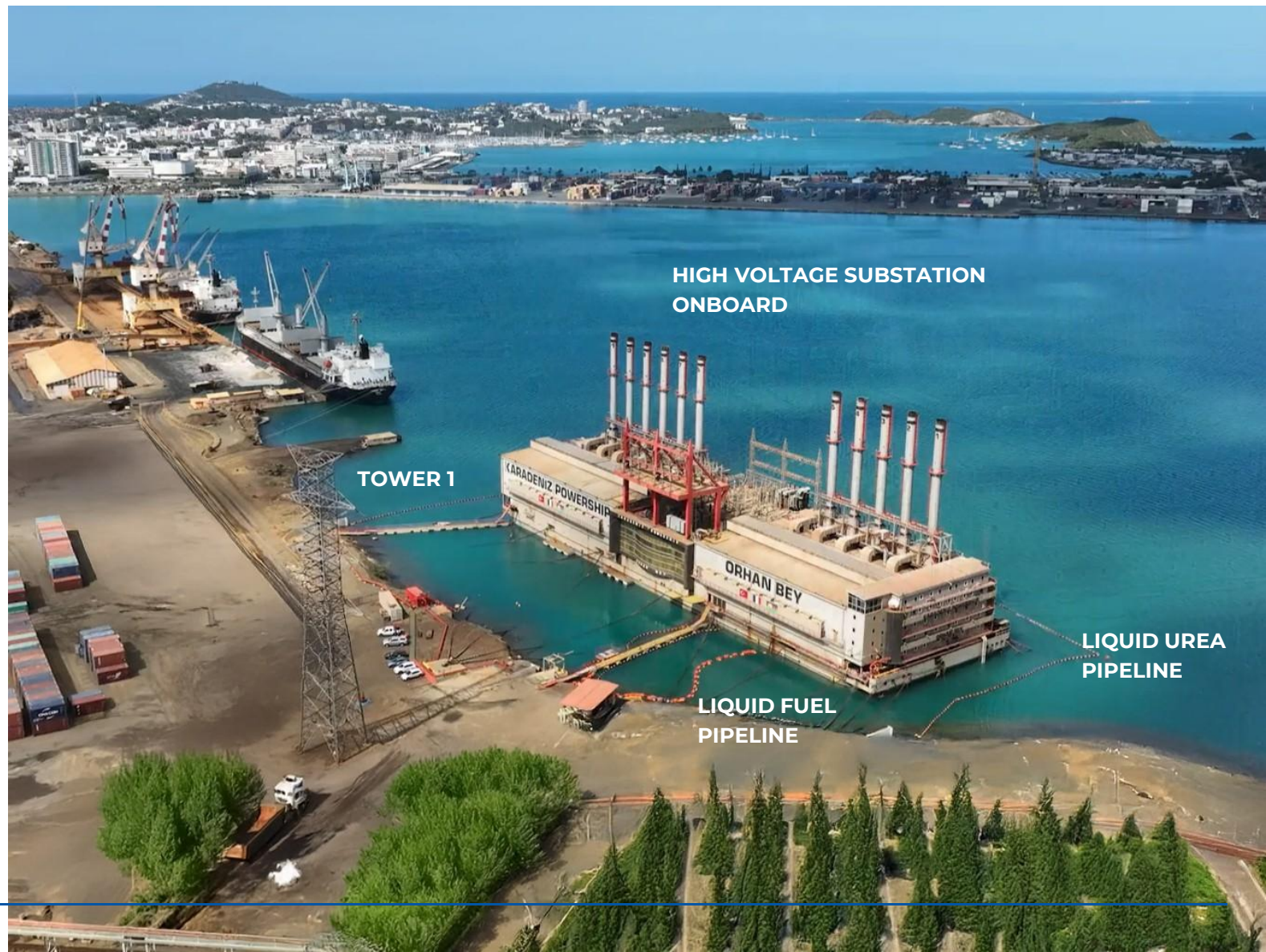
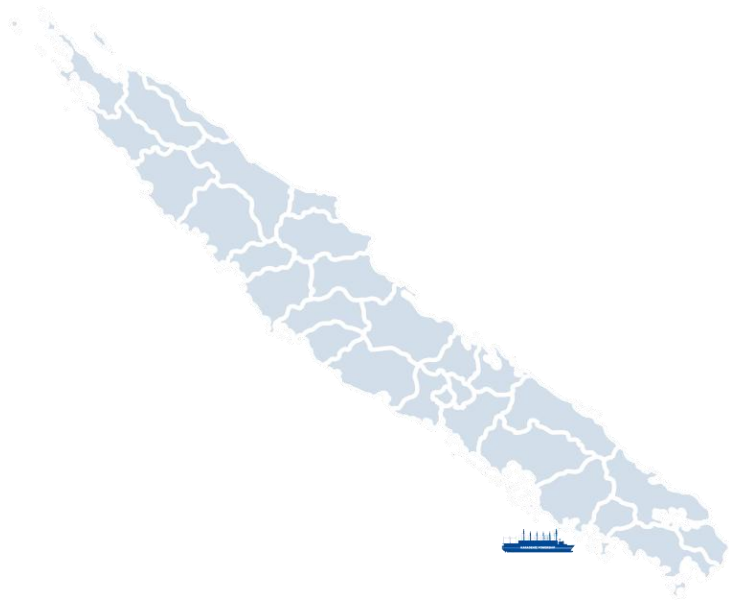


POWERSHIP
WITH A TOTAL INSTALLED
CAPACITY OF 470 MW



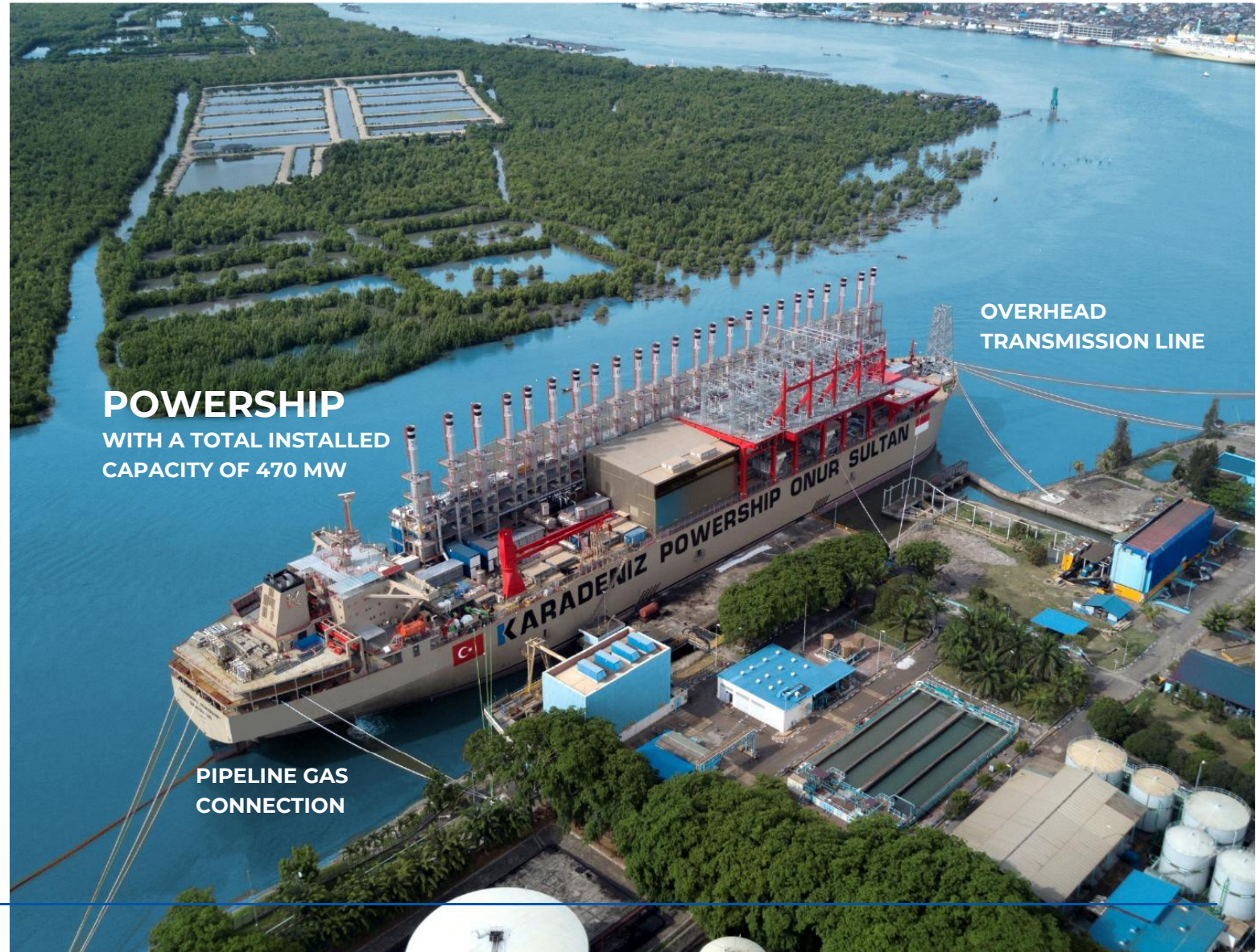
NEW CALEDONIA PROJECT LAYOUT

- Total Installed Capacity 208 MW
- Private client, ERAMET/ Société Le Nickel
- DeNOx and Urea operation
- Continuous emission monitoring system



INDONESIA PROJECT LAYOUT

- Total Installed Capacity 470 MW
- Connection via Over Head Transmission Lines
- Providing Base-Load Power through Pipeline Gas



POWERSHIP
WITH A TOTAL INSTALLED
CAPACITY OF 470 MW

OVERHEAD
TRANSMISSION LINE

PIPELINE GAS
CONNECTION

INDONESIA PREVIOUS PROJECT LAYOUT



LNG-to-Power Value Chain

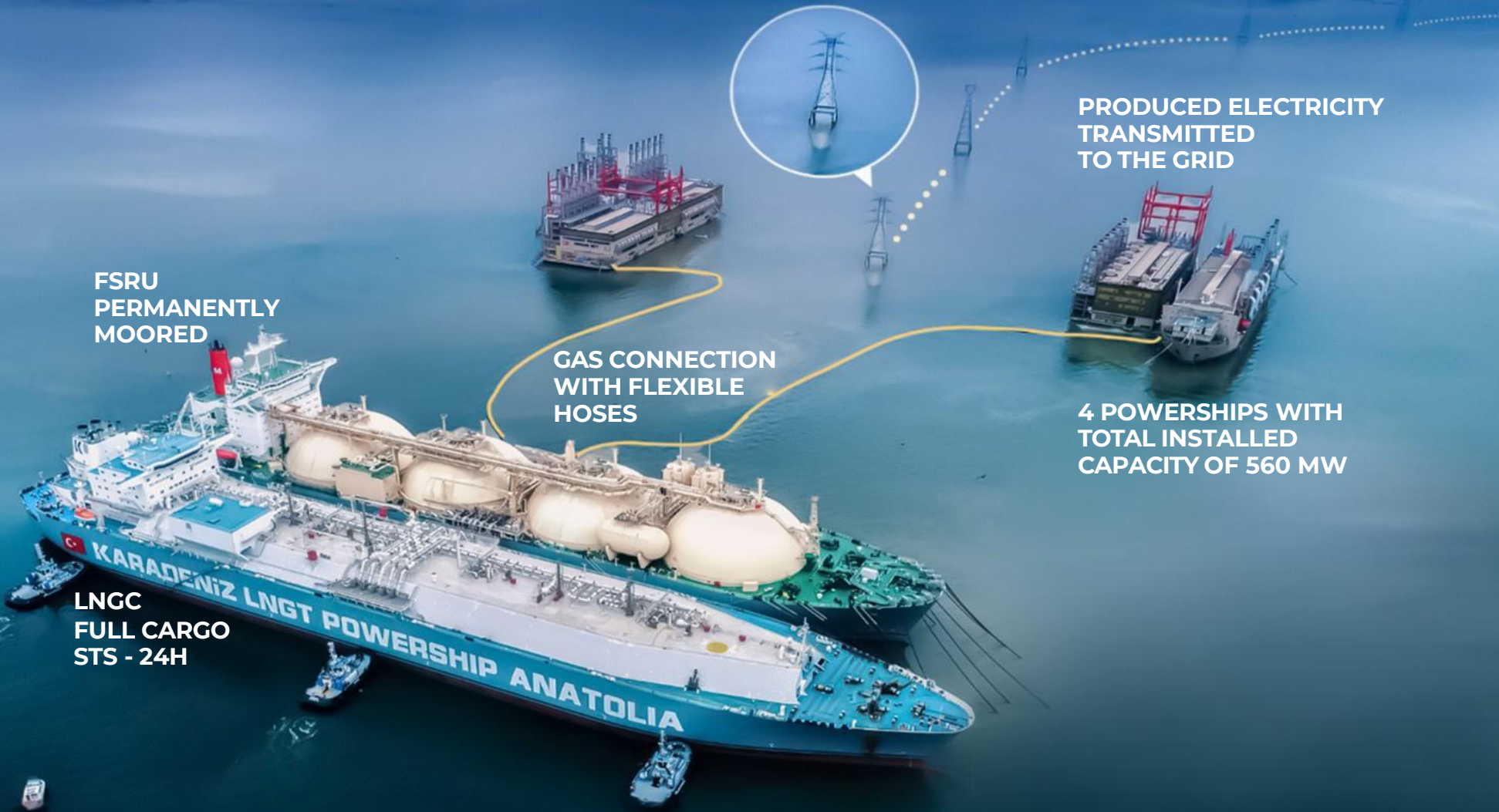
FSRU
PERMANENTLY
MOORED

LNGC
FULL CARGO
STS - 24H

GAS CONNECTION
WITH FLEXIBLE
HOSES

PRODUCED ELECTRICITY
TRANSMITTED
TO THE GRID

4 POWERSHIPS WITH
TOTAL INSTALLED
CAPACITY OF 560 MW



Karpowership LNG Platform Overview



Integrated LNG-to-power delivery via a global fleet of LNGTS and LNG carriers—engineered for fast, flexible, and scalable energy access

Overview	Key Metrics	Fleet overview
› Global leader in floating LNG-to-power solutions for emerging and energy constrained markets › End-to-end LNG-to-power capabilities: LNG sourcing, shipping, storage, regasification, and power generation › Growing fleet: › 5 active LNGTSs › 5 units under or scheduled for conversion › 1 LNG carrier for supply and trading › 2 vessels being acquired › Designed for speed: Fast-track deployment with minimal infrastructure and seamless integration with Powerships › Proven projects: Operation LNG-to-Powerships in Brazil and Senegal	11 assets + 2 (LNGTS + LNGCs) Joint-Venture with MOL since 2018 (4 LNGTSs and 2 Powerships) In-house technical management Leading conversion track record 5 units completed	Africa LNGTS Asia LNGTS Antarctica LNGTS Europe LNGTS Americas LNGTS Anatolia FSRPU Marmara LNGC Black Sea LNGC Oceania LNGTS Türkiye LNGTS Karadeniz LNGTS [to be named] LNGTS [to be named] LNGTS

Largest Deployable Fleet of FSRUs for Fast-Track Projects

KARPOWERSHIP

Operational & Available FSRU and LNGC Fleet

LNGT Africa



STORAGE CAPACITY	126,387 cbm
LNG STORAGE TANK TYPE	MOSS Type
REGASIFICATION SENDOUT RATE	84 mmscfd
PRESSURE	10 barg
CONVERSION YARD	Seatrium, Singapore
CONVERSION MANAGEMENT	KPS
CONVERSION DELIVERY	2019
VESSEL ACQUIRED IN	2018
CURRENT STATUS	Operational

LNGT Asia



STORAGE CAPACITY	128,763 cbm
LNG STORAGE TANK TYPE	MOSS Type
REGASIFICATION SENDOUT RATE	84 mmscfd
PRESSURE	10 barg
CONVERSION YARD	Seatrium, Singapore
CONVERSION MANAGEMENT	KPS
CONVERSION DELIVERY	2020
VESSEL ACQUIRED IN	2019
CURRENT STATUS	Operational

LNGT Europe



STORAGE CAPACITY	127,386 cbm
LNG STORAGE TANK TYPE	MOSS Type
REGASIFICATION SENDOUT RATE	84 mmscfd
PRESSURE	10 barg
CONVERSION YARD	Seatrium, Singapore
CONVERSION MANAGEMENT	KPS
CONVERSION DELIVERY	2023
VESSEL ACQUIRED IN	2020
CURRENT STATUS	Awaiting Deployment

LNGT Antarctica



STORAGE CAPACITY	127,362 cbm
LNG STORAGE TANK TYPE	MOSS Type
REGASIFICATION SENDOUT RATE	126 mmscfd
PRESSURE	10 barg
CONVERSION YARD	Seatrium, Singapore
CONVERSION MANAGEMENT	KPS
CONVERSION DELIVERY	2025
VESSEL ACQUIRED IN	2023
CURRENT STATUS	Awaiting Deployment

LNGT Oceania



STORAGE CAPACITY	127,585 cbm
LNG STORAGE TANK TYPE	MOSS Type
REGASIFICATION SENDOUT RATE	126 mmscfd
PRESSURE	10 barg
CONVERSION YARD	Seatrium, Singapore
CONVERSION MANAGEMENT	KMT
CONVERSION DELIVERY	2026
VESSEL ACQUIRED	2023
CURRENT STATUS	Under Conversion

LNGT Karadeniz



STORAGE CAPACITY	147,968 cbm
LNG STORAGE TANK TYPE	MOSS Type
REGASIFICATION SENDOUT RATE	500 & 150 mmscfd
PRESSURE	100 & 10 barg
CONVERSION YARD	Seatrium, Singapore
CONVERSION MANAGEMENT	KMT
CONVERSION DELIVERY	2027
VESSEL ACQUIRED	2025
CURRENT STATUS	In Conversion

LNGT Americas



STORAGE CAPACITY	127,443 cbm
LNG STORAGE TANK TYPE	MOSS Type
REGASIFICATION SENDOUT RATE	126 mmscfd
PRESSURE	10 barg
CONVERSION YARD	Seatrium, Singapore
CONVERSION MANAGEMENT	KMT
CONVERSION DELIVERY	2025
VESSEL ACQUIRED IN	2023
CURRENT STATUS	Awaiting Deployment

LNGT Black Sea



STORAGE CAPACITY	65,262 cbm
LNG STORAGE TANK TYPE	Membrane
VESSEL ACQUIRED	2024
CURRENT STATUS	Awaiting Deployment

LNGT Marmara



STORAGE CAPACITY	65,299 cbm
LNG STORAGE TANK TYPE	Membrane
VESSEL ACQUIRED	2024
CURRENT STATUS	Awaiting Deployment

LNGT Anatolia



STORAGE CAPACITY	110,830 cbm
LNG STORAGE TANK TYPE	Membrane
REGASIFICATION SENDOUT RATE	63 mmscfd
PRESSURE	10 barg
CONVERSION YARD	Karmarine, Turkey
CONVERSION MANAGEMENT	KMT
CONVERSION DELIVERY	2025
VESSEL ACQUIRED	2021
CURRENT STATUS	Awaiting Deployment

LNGT Türkiye



STORAGE CAPACITY	127,594 cbm
LNG STORAGE TANK TYPE	MOSS Type
REGASIFICATION SENDOUT RATE	126 mmscfd
PRESSURE	10 barg
CONVERSION YARD	Seatrium, Singapore
CONVERSION MANAGEMENT	KMT
CONVERSION DELIVERY	2026
VESSEL ACQUIRED	2023
CURRENT STATUS	Awaiting Deployment

Strong conversion track-record at Seatrium

Partnering with the world's leading LNGTS conversion yard to deliver scalable, fast-track gas infrastructure with unmatched reliability and speed

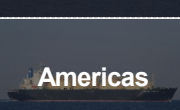
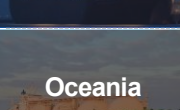
Partnership with Seatrium

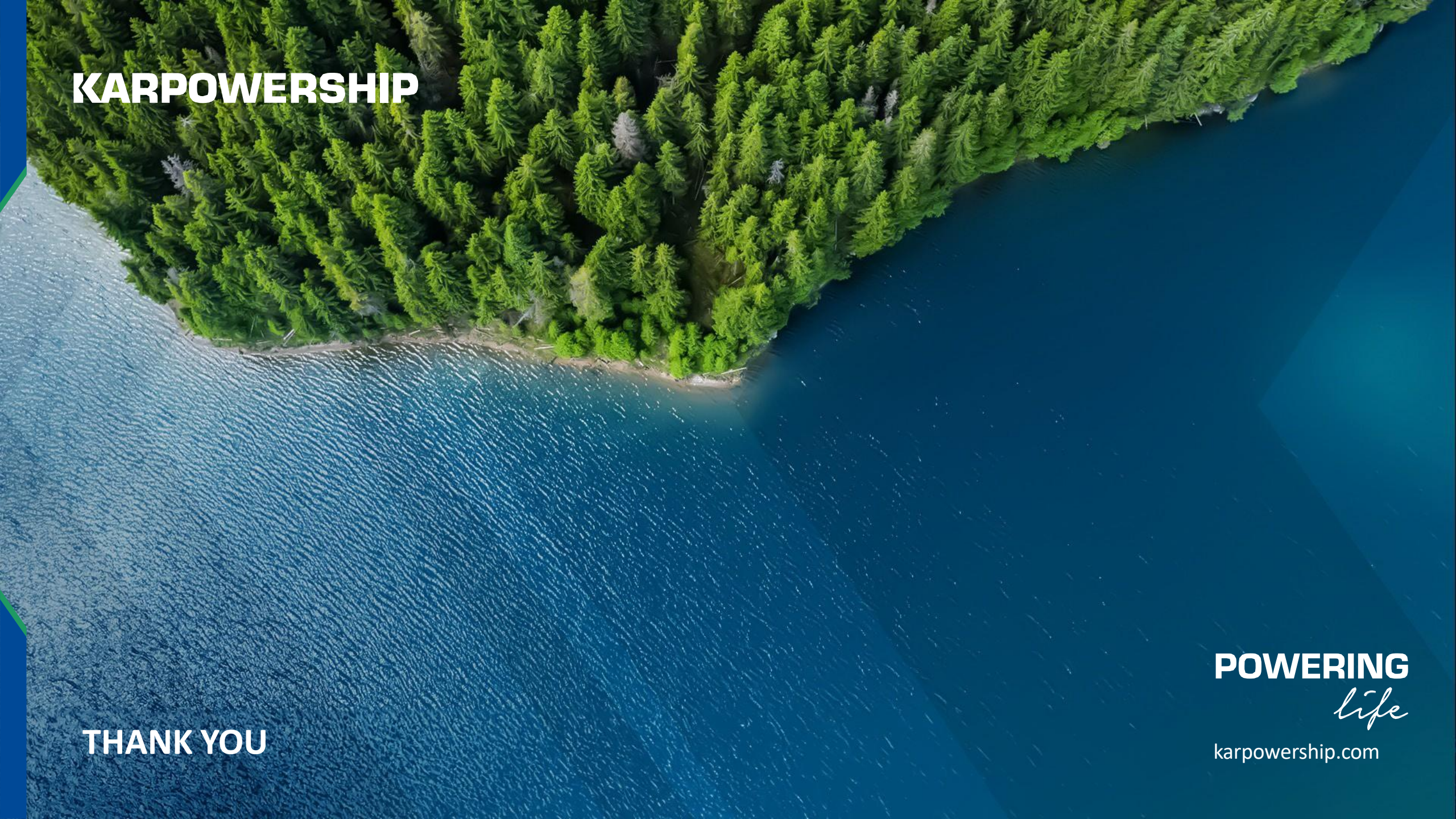


- Seatrium is a global leading shipyard and offshore engineering group for complex maritime newbuilds and conversion projects
- Formed in 2023 from the merger of Sembcorp Marine and Keppel Offshore & Marine
- Temasek Holdings (Singapore's sovereign wealth fund) is the largest shareholder (38%)
- Extensive track record with 1,300+ newbuild and conversion projects delivered globally

Completed
75%
of LNGTS conversions globally

LNGTS conversion overview

Vessel	Design	Size	Conversion timeline	
 Africa	84 mmscfd / 10 Bar Closed loop system	126,000 cbm	Delivered in 24 months (Due to COVID delays)	Converted
 Asia	84 mmscfd / 10 Bar Closed loop system	129,000 cbm	Delivered in 25 months (Due to COVID delays)	
 Europe	84 mmscfd / 10 Bar Closed loop system	127,000 cbm	Delivered in 16 months	
 Antarctica	126 mmscfd / 10 Bar Closed/open loop system	127,000 cbm	Delivered in 12 months	
 Americas	126 mmscfd / 10 Bar Closed/open loop system	127,000 cbm	Delivered in 12 months	Under Conversion
 Türkiye	126 mmscfd / 10 Bar Closed/open loop system	128,000 cbm	12 months (expected)	
 Oceania	126 mmscfd / 10 Bar Closed/open loop system	128,000 cbm	12 months (estimate)	
 Karadeniz	500 - 650 mmscfd / 10 - 40 - 110 Bar Open loop system	148,000 cbm	23 months (estimate)	Awaiting Conversion



KARPOWERSHIP

THANK YOU

POWERING
life

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