



Second Half and Full Year 2023 Financial Results

31 January 2024



Outline

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Constituent of:

MSCI 

MSCI Singapore
Small Cap Index



FTSE ST Large
& Mid-Cap Index

Awards and Accreditations¹:

Signatory of:

 **PRI** | Principles for
Responsible
Investment



1. Keppel Infrastructure Fund Management Pte Ltd is a signatory to the United Nations-supported Principles for Responsible Investment, under the membership of Keppel Capital.

2H and FY 2023 Highlights

European Onshore Wind
Platform



FY 2023: Record Year

Driven by strong portfolio performance from growth and value creation

Record EBITDA, Distributable Income and DPU

Record EBITDA

 **\$447.6m¹**

Up 11.3%y-o-y

FY 2023 Total Returns⁴

 **7%**

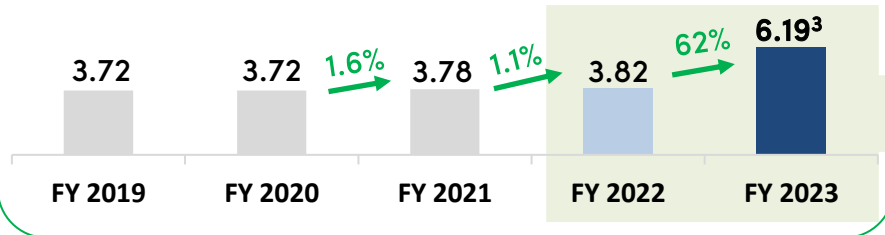
Surpassing STI's 4.8%

Yield⁴

 **14.3%**

Surpassing STI's 4.1%

Record DPU (cents)

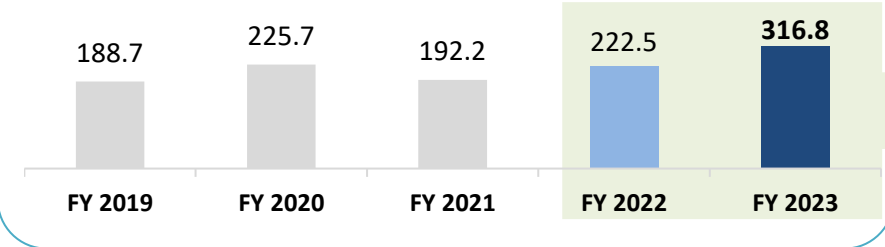


Record DPU

 **62%**

y-o-y including special distribution of 2.33 cents

Record Distributable Income (DI)² (\$m)



Record DI

 **42%**

y-o-y with strong portfolio performance

1. Excludes one-off acquisition related cost incurred (\$3.7m), unrealised exchange gains (\$3.3m), fair value gain on the investment in AGPC (\$9.3m), write-off of EMK's fixed assets (\$1.7m) and reversal of impairment loss on the Lista onshore wind farm in Norway (\$1.5m). Group adjusted EBITDA would be \$456.3m without the adjustments.
2. Computed as Funds from Operations less mandatory debt repayment and other charges, credits or adjustments as deemed appropriate by the Trustee-Manager.
3. Includes special distribution of 2.33 cents supported by successful value creation strategy.
4. Source: Bloomberg, based on 12 months total returns and distribution yields as at 31 Dec 2023.

Driving Portfolio Growth through Acquisitions and Value Creation

Well-positioned for growth

2023-2024
milestones

Made 1st solar investment

German Solar Portfolio

Secured concession extension

Senoko WTE Plant

Crystalised value creation

Ixom and City Energy

Feb 2019
Acquired 100%
stake in **Ixom**



Jan 2021
Acquired 50%
interest in
Philippine Coastal



Feb 2022
Acquired 49%
stake in **Aramco
Gas Pipelines
Company** as part
of a consortium



Jun 2022
Acquired
remaining 30%
stake in the
**SingSpring
Desalination
Plant**



Sep 2022
Acquired 13.4%
interest in a
**European Onshore
Wind Platform**, with
three wind farms
across Norway and
Sweden



Oct 2022
Acquired 52%
interest in **EMK**,
an integrated
waste platform
in South Korea



Dec 2022
Acquired
20.5% interest
in **BKR2**, an
offshore wind
farm in
Germany



Dec 2023
Acquired 13.4%
interest in
Fäbodliden II,
an onshore
wind farm in
Sweden



Jan 2024
Acquired 45%
interest in a
**German solar
portfolio**¹



AUM: \$8.1b²

As at 2 Jan 2024, include the Phase 1
acquisition of German Solar Portfolio

1. Completed first phase acquisition of the German Solar Portfolio on 2 Jan 2024, with the remaining phases to be completed by end-Jun 2024.
2. Assets under Management (AUM). Based on independent valuation conducted by Ernst & Young. Represents KIT's equity stake in the enterprise value of its investments plus cash held at the Trust. Excluding first phase of German Solar Portfolio acquisition, AUM would be \$7.4b as at 31 December 2023.

Deepen Renewables Exposure with First Solar Portfolio Investment

Attractive de-risked portfolio backed by 20-year lease contracts with German households

- Acquisition of a 45% stake in a German solar portfolio comprising > 60,000 bundled solar photovoltaic (PV) systems, including > 55,000 battery storage systems and > 30,000 EV charging equipment, backed by 20-year contracts
- Developed and maintained by Enpal, the largest provider of solar solutions to residential homes in Germany
- Jointly acquiring with Equitix, a global infrastructure investor and fund manager, and their co-investors
- AUM to increase to \$8.4b following the completion of the remaining phases



Renewables Exposure

1.3GW

Up from 740MW



Carbon emissions avoidance

115k tonnes¹

per annum



Accretive investment

2.0%

Based on FY 2022 proforma



- Accretive investment with attractive returns
- Attractive portfolio with highly predictable cash flows
- Residential solar installation fueled by price benefits
- Portfolio significantly de-risked
- Diversification of KIT's portfolio
- Further KIT's environmental targets

Seller	Enpal GmbH
Purchase Consideration	€109m (S\$159m) ²
Enterprise Value	€733m (S\$1.1b) ²
Proposed Funding	Internal sources of funds and/or external borrowings
Expected Completion³	First 53,500 systems: Completed in Jan 2024 Remaining 6,500 systems: By end-Jun 2024

1. Based on conversion factor of 349 gCO₂/KWh per IEA emissions factors.

2. Based on EUR/SGD of 1.465. Purchase consideration exclude acquisition and transaction costs.

3. To be completed in four phases: First close of 53,500 systems achieved in Jan 2024; second close of 2,100 systems in 1Q 2024; third close of 4,400 systems in 2Q 2024; where applicable, the fourth closing shall take place as an adjustment to meet the guaranteed internal rate of return by end-Jun 2024.

Business Updates



Ixom

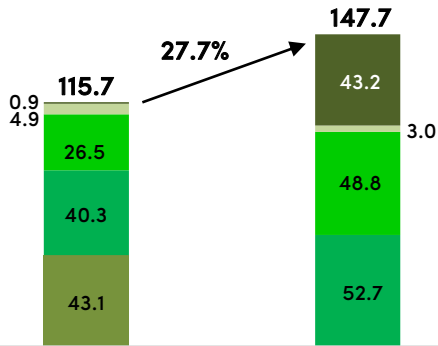
Financial Performance at a Glance

Achieved Record EBITDA for City Energy, Ixom and Philippine Coastal

Energy Transition

- Higher DI contributed by AGPC and wind farm assets, and the favourable fuel over recovery at City Energy
- KMC's full year computed DI negated by mandatory debt amortisation in Jun 2023

Distributable Income (S\$m)



FY 2022

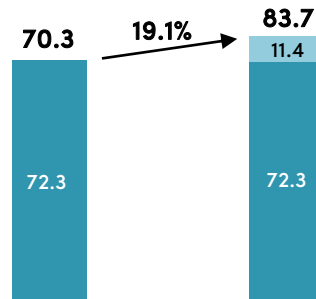
FY 2023

- Borkum Riffgrund 2 (BKR2)
- European Onshore Wind Platform
- Aramco Gas Pipelines Company (AGPC)
- City Energy
- Keppel Merlimau Cogen (KMC)

Environmental Services

- Higher DI supported by full year contribution from EMK with higher price and volume for landfill business, and higher utilisation of incineration capacity

Distributable Income (S\$m)



FY 2022

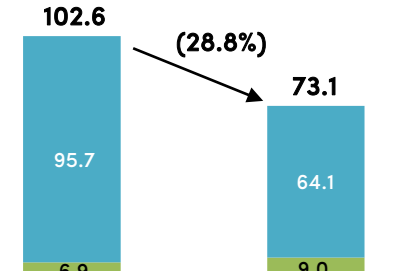
FY 2023

- Singapore waste and water assets
- Eco Management Korea Holdings (EMK)

Distribution & Storage

- Ixom's EBITDA in AUD up by 5%; lower DI due to one-off refinancing related fees, higher interest expenses, capex and taxes, and AUD translation effects
- Higher DI from Philippine Coastal with higher utilisation and pricing

Distributable Income (S\$m)



FY 2022

FY 2023

- Philippine Coastal
- Ixom

Business Updates: Energy Transition



- **City Energy**
 - Expanded product offerings with the acquisition of TSH's LPG business, the second largest LPG cylinder distributor in Singapore, allowing City Energy to grow into a new market
 - Exclusive rights to extend EV charging services to ~20,000 carpark lots in private residential and mixed developments
 - Higher income from mandatory annual gas inspections following 2023 Gas Act amendment
- **KMC:** Lower availability of 95.8% due to unplanned outage; operations resumed in Dec 2023
- **BKR2:** Granted additional capacity of 26 MW; output capacity to increase to 486MW with upgrading works
- **European Onshore Wind Platform:** Achieved commercial operations of Fäbodliden II (17 MW) in Dec 2023
- **German Solar Portfolio:** Completed first closing comprising 53,500 installed solar panel systems in Jan 2024; remaining 6,500 systems to be completed by Jun 2024 in phases. Total Generation Capacity of 585 MW when completed
- **Aramco Gas Pipelines Company:** Demand underpinned by economic growth and favourable demographics as part of the Kingdom of Saudi Arabia's efforts to reduce carbon emissions

Business Updates: Environmental Services



- **EMK**
 - Maintained high availability and full utilisation of incineration capacity
 - Higher volume for landfill business: Secured new contracts from blue chip customers
 - Seeking growth opportunities through accretive bolt-on acquisitions
- **Singapore waste and water assets**
 - Fulfilled all contractual obligations
 - Extended concession of the Senoko WTE Plant with Singapore's National Environment Agency (NEA) for 3 years with an option to further extend by up to another year: DI contribution will not be significant as KIT is only funding a small portion of the refurbishment capex
 - Ongoing discussions with regulators to explore the extension of the SingSpring Desalination plant

Business Updates: Distribution & Storage



- **Ixom**
 - Strong volume and pricing across coagulants, caustic and sodium hypochlorite in Australia
 - Increased volume from the industrial and dairy segments of the New Zealand business
- **Philippine Coastal**
 - Tank utilisation rate of almost 100% as at end-Dec 2023, underpinned by increased demand and robust outlook
 - Secured renewal of a major customer contract at attractive pricing for 4 years with option to extend for another 5 years
 - Execution of new pricing strategy to drive revenue and enhance margins
 - Tank storage capacity expansion works on track for completion by 2H 2024

Voluntary Independent Portfolio Valuation

Portfolio AUM of \$8.1b with new acquisitions and value creation initiatives

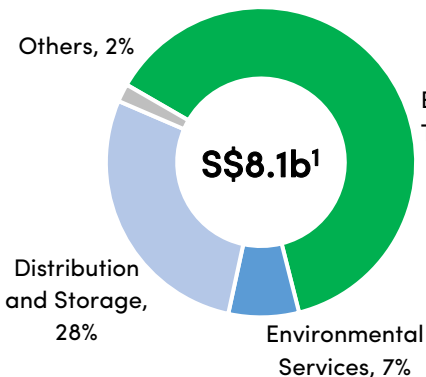
- Improve transparency and better reflect asset values which are largely recognised at cost in statutory reports
- Higher valuation of existing portfolio: \$7.4b vs \$7.3b for FY 2022 driven by growth in existing businesses

A resilient and diversified portfolio..

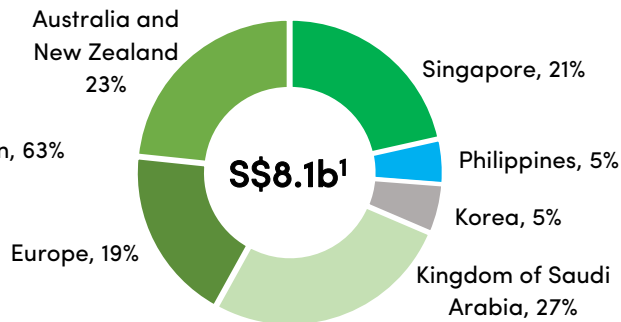
... that is well insulated from inflation

Assets under Management (AUM)

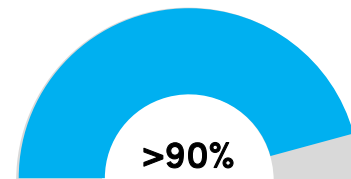
By Business and Assets



By Geography



Inflation-protection



~65% of portfolio with costs pass through mechanisms / CPI-linked;
~30% in businesses with leading position and price-setting capabilities

1. Assets under Management (AUM). Based on independent valuation conducted by Ernst & Young (except the German Solar Portfolio). Represents KIT's equity stake in the enterprise value of its investments plus cash held at the Trust. Excluding first phase of German Solar Portfolio acquisition, AUM would be \$7.4b as at 31 December 2023.

Financial and Capital Management

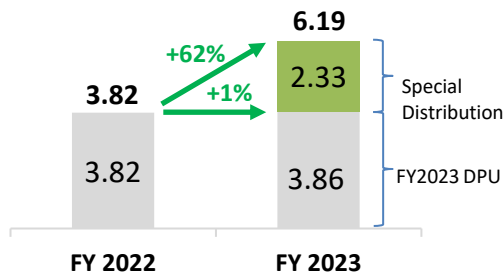
City Energy



Distributable Income

Record DPU for FY 2023

Distribution Per Unit (cents)



Distribution for the period
1 Oct 2023 – 31 Dec 2023: 0.96 cents

Ex-Date 6 Feb 2024

Record Date 7 Feb 2024

Payment Date 15 Feb 2024

S\$'000	2H 2023	2H 2022	+ / (-) %	FY 2023	FY 2022	+ / (-) %
Energy Transition	50,034	78,916	(36.6)	147,706	115,667	27.7
- City Energy	20,545	26,506	(22.5)	52,730	40,274	30.9
- Aramco Gas Pipelines Company	18,200	26,533	(31.4)	48,817	26,533	84.0
- KMC ¹	-	20,132	NM	-	43,115	NM
- European Onshore Wind Platform	501	4,875	(89.7)	3,005	4,875	(38.4)
- BKR2	10,788	870	>100.0	43,154	870	>100.0
Environmental Services	44,861	32,827	36.7	83,728	70,291	19.1
- Singapore waste and water assets	36,546	34,806	5.0	72,296	72,270	-
- EMK	8,315	(1,979)	NM	11,432	(1,979)	NM
Distribution & Storage	31,521	58,980	(46.6)	73,092	102,610	(28.8)
- Ixom	27,032	55,841	(51.6)	64,134	95,678	(33.0)
- Philippine Coastal	4,489	3,139	43.0	8,958	6,932	29.2
Asset Subtotal	126,416	170,723	(26.0)	304,526	288,568	5.5
Corporate²	(73,713)	(35,798)	>100.0	(118,932)	(66,075)	80.0
Ixom Capital Optimisation³	131,164	-	NM	131,164	-	NM
Distributable Income	183,867	134,925	36.3	316,758	222,493	42.4

1. KMC's full year computed DI is negated by the mandatory debt repayment in Jun 2023.

2. Comprises Trust expenses and distributions paid/payable to perpetual securities holders, management fees and financing costs. The higher costs were due to higher management fees from the capital optimisation of \$131.2m in the Group's 2H2023 Distributable Income, the issuance of the Series 4 Medium Term Notes in May 2022 and draw down of equity bridge loans to fund the acquisitions of EMK and BKR2 in 2H 2022.

3. Including capital optimisation at City Energy, total value creation proceeds will be \$273m.

Balance Sheet

Building a strong balance sheet to support growth plans

Balance Sheet (S\$m)	31 Dec 2023	31 Dec 2022
Cash	482.6	535.7
Borrowings	2,717.0	2,907.2
Net debt	2,234.4	2,371.5
Total assets	5,601.1	5,962.8
Total liabilities	3,828.2	4,055.6



Net gearing

39.9%



Debt headroom

~\$549m¹



Net Debt/EBITDA

5.0x



Fixed and hedged debt

~83%²



Undrawn committed credit facilities

\$478m



Interest Coverage Ratio (MTN)

14.7x



Weighted average interest rate

4.25%



Weighted average term to maturity

Approx. 3.3 years for debt profile

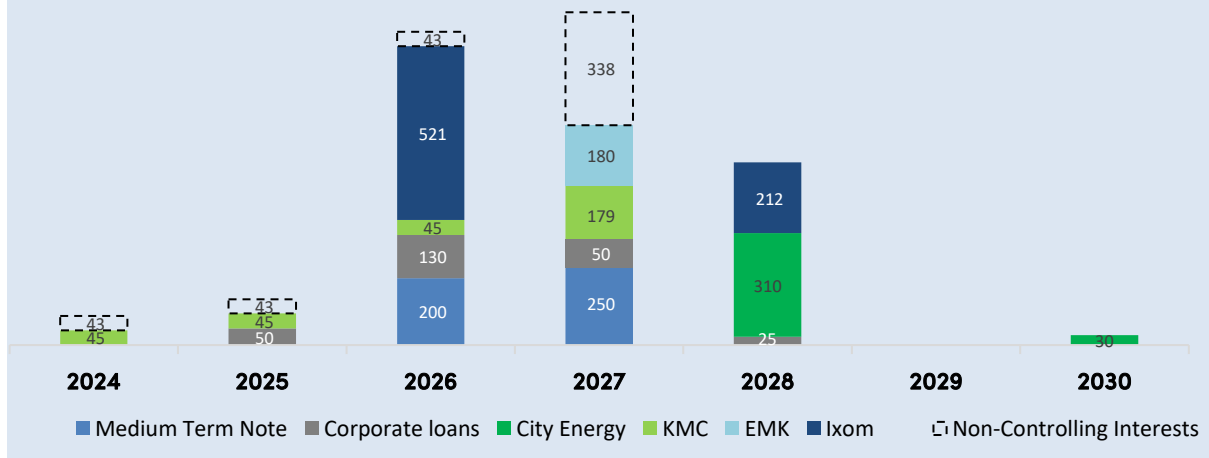
1. Up to 45% (internal cap) gearing level; Unlike REITs, there are no restrictions on gearing for Business Trusts
2. A 100bps change in interest rate would have a ~1.5% impact to FY 2023's Distributable Income

Capital Management

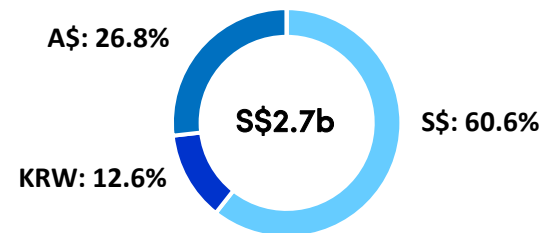
Well-diversified debt maturity profile with healthy capital management metrics

- Obtained \$100m in corporate loan facilities in 4Q 2023 to support 2024 acquisitions
- Reviewing KMC's capital structure to allow the plant to resume contributions to KIT
- Mitigating impact of currency fluctuations: 67% foreign currency distributions hedged

Debt Maturity Profile¹
as at 31 Dec 2023 (S\$'m)



Debt Breakdown by Currency
as at 31 Dec 2023



Growth and Value Creation

German Solar Portfolio



Market Outlook

Infrastructure: Driving Sustainable Development



Resilient sector amid market turmoil..

- **Investor appetite for infrastructure assets is expected to remain strong amid uncertain macro backdrop**
- **Listed infrastructure has historically produced above-average returns in inflationary environment with stronger inflation-linked cash flows and profitability**



... powered by the Energy Transition sector

- **US\$4.6 trillion in global energy transition and grid investments e.g. renewables, EV, carbon capture, are required annually between 2023 and 2030 for the world to get back on track to net zero¹**
- **Accelerate EV adoption:** Governments globally have introduced incentives and regulations to spur demand for EVs and curb transport-related emissions



.. and transit towards the circular economy

- **Continued demand for waste to energy (WTE) and water desalination technologies, underpinned by the growth in urban population, industrialisation, and climate change**

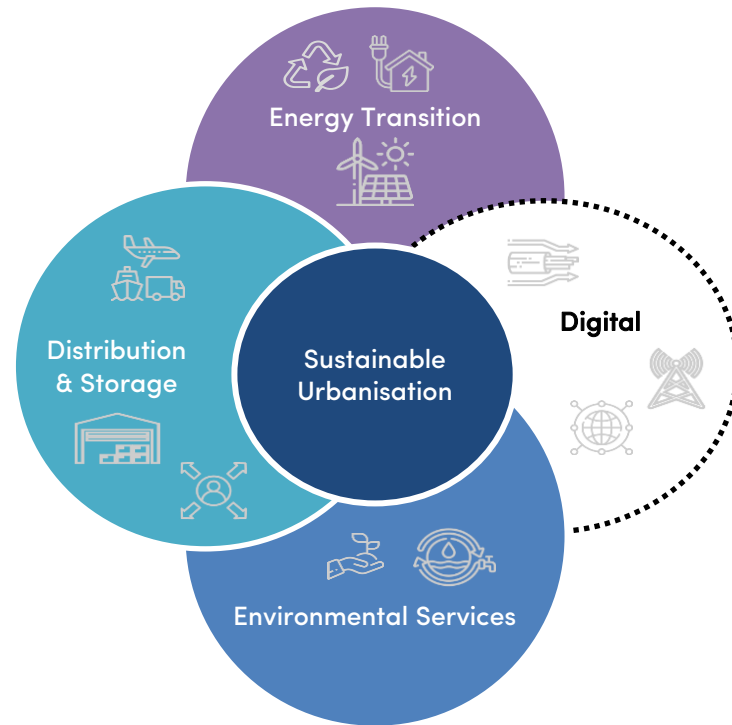
1. BloombergNEF estimates

Continued Focus on Growth

Leveraging on the Sustainable Urbanisation thematics

- 1** Focus on developed markets in APAC and Europe; opportunistic for the rest of the world
- 2** Optimise portfolio through asset recycling, unlocking value to **grow evergreen portfolio**
- 3** Leveraging Sustainable Urbanisation thematics for sustainable growth:
 - Energy Transition & Climate Change
 - Rapid urbanisation & ageing population
 - Digitalisation

- Actively pursue third party evergreen businesses and yield-accretive investments



Near-term pipeline



Acquire 100% economic interest in **Keppel Marina East Desalination Plant**



European Onshore Wind Farm pipeline: 6 consented projects (486 MW)¹ and 8 additional projects (660MW)¹



Potential investment in **up to 1 GW of Jinko Power's solar farm and energy storage projects**

1. As of 31 Dec 2023. Consented projects are pipeline projects that obtained all permits. Additional projects include other onshore wind development projects in Sweden or the UK owned and controlled directly or indirectly 100% by FORAS which have a reasonable prospect of reaching FID within 5 years from the entry into the Subscription Agreement.

Value Creation a Key Differentiation for KIT

Driving growth of businesses through focused portfolio optimisation plans

- ✓ Improve asset performance
- ✓ Business optimisation
- ✓ Realise greater synergies

Engineering DNA: Strengthen cash flow profile of existing portfolio



- Position City Energy as a key importer for green hydrogen, and accelerate transition to green hydrogen
- Grow new businesses in solar, EV charging, and LPG business



- Further sharpen business
- Pursue bolt-on opportunities
- Leverage on strategic assets to grow market share
- Enhance supply chain and increase customer stickiness



- Expand within and outside Subic Bay to meet demand
- Enhance utilisation and minimize excess capacity
- Tap on positive pricing opportunities



- Drive growth through bolt-on acquisitions
- Sharpen liquids business and improve waste mix
- Secure designated waste licenses to improve pricing

Drawing on Keppel's Deep Engineering and Operating Capabilities

Operator-oriented DNA: Strong emphasis on value-adding and active management

Global Solutions

Leveraging Keppel's strong technical expertise and proven operating capabilities to provide solutions for the world's most pressing challenges

30 years'

Infrastructure investment, development and management track record

Energy Infrastructure

- Developer of Singapore's 1st independent power project, Keppel Merlimau Cogen (1.3GW)
- ~2.6GW renewable energy portfolio¹
- Developing Singapore's 1st hydrogen-ready advanced CCGT (600MW)
- Keppel's Infrastructure Division is a pioneer retailer of gas and electricity in Singapore
- EV charging solutions provider in Singapore
- Keppel's Infrastructure Division is the 1st and largest district cooling systems developer and service provider in Singapore

Environmental Infrastructure

Water Reuse & Wastewater Solutions

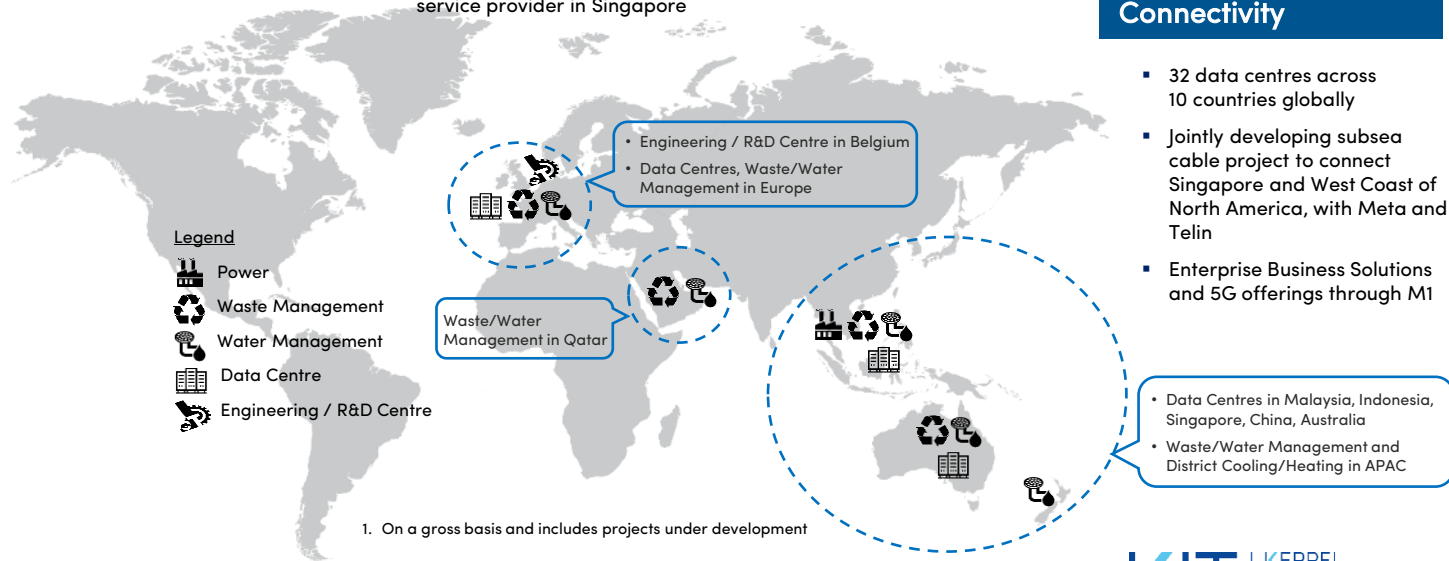
- Extensive range of wastewater treatment and water recycling solutions for all types of municipal and industrial effluent
- Water treatment production capacity of over 300,000m³/day

Waste-to-Energy (WTE)

- >100 WTE projects & 150 WTE lines across 17 countries and 4 continents
- 40% of Singapore's municipal incinerable waste

Connectivity

- 32 data centres across 10 countries globally
- Jointly developing subsea cable project to connect Singapore and West Coast of North America, with Meta and Telin
- Enterprise Business Solutions and 5G offerings through M1



Commitment to Sustainability

Borkum Riffgrund 2

A large offshore wind turbine is the central focus in the foreground, showing its three white blades and a nacelle with a prominent red stripe. The turbine is mounted on a yellow steel jacket structure. In the background, a long line of similar wind turbines stretches across the dark, choppy sea towards the horizon under a grey, overcast sky. A semi-transparent light blue triangle is overlaid on the left side of the image, containing the text.

Sustainability at the Core

On track to achieve ESG targets

- Progressing on decarbonisation roadmap with reduction in carbon emissions intensity and increased exposure to renewables; continue to promote workplace diversity and develop human capital



1. Excluding capital optimisation gains and associated management fees in FY 2023, KIT's reduction in carbon emissions intensity from 2019 would be 7%.

2. As part of Keppel Fund Management and Investment.

Thank You

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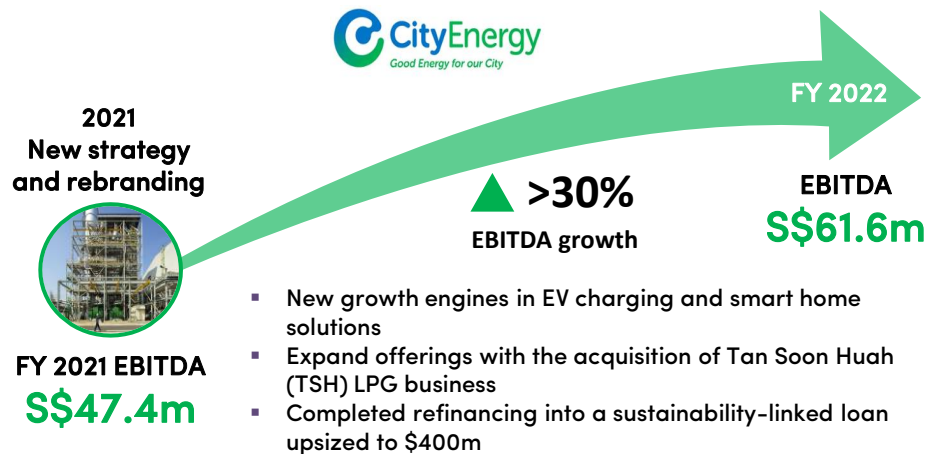
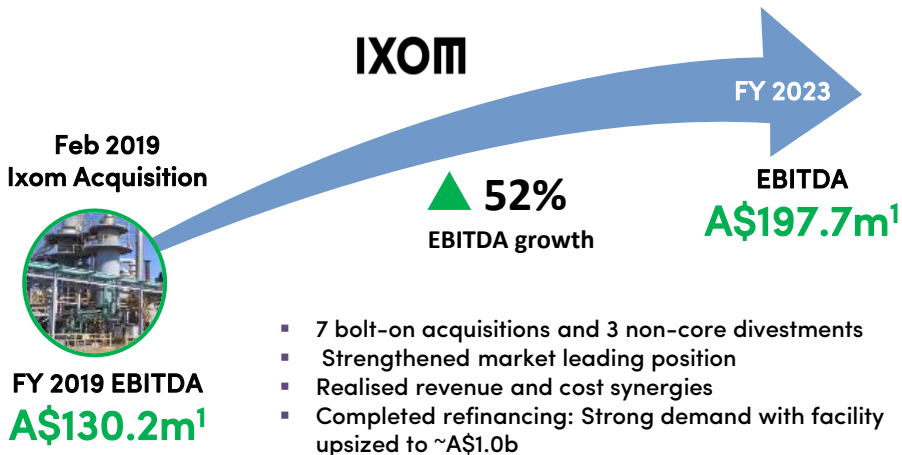
Additional Information



Special Distribution from Successful Value Creation

Crystallised part of value created with \$273m capital optimisation arising from EBITDA growth at Ixom and City Energy

Driven by higher valuations on strong business and EBITDA growth



Capital Optimisation

\$273m

From growth at Ixom and City Energy

Use of funds







\$131m (48%)
Special distribution to Unitholders



\$142m (52%)
Partially fund FY 2022 acquisitions

1. Based on Ixom's full year results for their financial year ended 30 September 2023, excluding one-off and lease adjustments.

Portfolio Overview as at 31 Dec 2023








		Description	Customer	Source of cash flows	Total Assets ¹ (S\$m)
Energy Transition		City Energy Sole producer and retailer of piped town gas; expanded into LPG business, as well as EV charging and smart home solutions	> 900,000 commercial and residential customers	Fixed margin per unit of gas sold, with fuel and electricity costs passed through to consumers	2,918.6
		Keppel Merlimau Cogen 1,300MW combined cycle gas turbine power plant	Capacity Tolling Agreement with Keppel Electric until 2030 with option for 10-year extension (land lease till 2035, with 30-year extension)	Fixed payments for meeting availability targets	
		Aramco Gas Pipelines Company Holds a 20-year lease and leaseback agreement over the usage rights of Aramco's gas pipelines network	20 years quarterly tariff from Aramco, one of the largest listed companies globally (A1 credit rating)	Quarterly tariff payments backed by minimum volume commitment for 20 years with built-in escalation	
		European Onshore Wind Platform Four wind farm assets in Sweden and Norway with a combined capacity of 275 MW	Local grid	Sale of electricity to the local grid	
		BKR2 A 491 MW operating offshore wind farm located in Germany	20-year power purchase agreement with Ørsted till 2038	Operates under the German EEG 2014 with attractive Feed-in-Tariff and guaranteed floor price till 2038	
		German Solar Portfolio Over 60,000 bundled solar PV systems ² with a projected combined generation capacity of 585 MW	20-year lease contracts with German households	Receive fixed monthly rental fees for rental of solar PV systems	Purchase price ³ : €109m (S\$159m)

1. Based on book value as at 31 December 2023.

2. Including systems under development.

3. Purchase consideration exclude acquisition and transaction costs.

Portfolio Overview as at 31 Dec 2023

		Description	Customer	Source of cash flows	Total Assets ¹ (\$S'm)
Environmental Services		Senoko WTE Plant Waste-to-energy plant with 2,310 tonnes/day waste incineration concession	NEA, Singapore government agency - concession until 2027 with option for up to 1-year extension (Singapore - AAA credit rating)	Fixed payments for availability of incineration capacity	1,159.4
		Tuas WTE Plant Waste-to-energy plant with 800 tonnes/day waste incineration concession	NEA, Singapore government agency - concession until 2034 (Singapore - AAA credit rating)	Fixed payments for availability of incineration capacity	
		Ulu Pandan NEWater Plant One of Singapore's largest NEWater plants, capable of producing 148,000m ³ /day	PUB, Singapore government agency - concession until 2027 (Singapore - AAA credit rating)	Fixed payments for the provision of NEWater production capacity	
		SingSpring Desalination Plant Singapore's first large-scale seawater desalination plant, capable of producing 136,380m ³ /day of potable water	PUB, Singapore government agency - concession until 2025 (land lease till 2033) (Singapore - AAA credit rating)	Fixed payments for availability of output capacity	
		EMK Leading integrated waste management services player in South Korea	Variety of customers including government municipalities and large industrial conglomerates	Payments from customers for delivery of products and provision of services based on agreed terms	
Distribution & Storage		Ixm Manufacturer and distributor of water treatment chemicals, industrial and specialty chemicals in Australia and New Zealand	Over 30,000 customers comprising municipals and blue-chip companies	Payments from customers for delivery of products and provision of services based on agreed terms	1,358.5
		Philippine Coastal Largest petroleum products storage facility in the Philippines, located in the Subic Bay Freeport Zone	Blue-chip customers	USD-denominated "take-or-pay" contracts	

1. Based on book value as at 31 December 2023

2H 2023: Distributable Income

SS\$'000	Energy Transition	Environmental Services	Distribution & Storage	Corporate ¹	Group
Profit after tax	49,182	(12,328)	(10,215)	32,397	59,036
Add/(less) adjustments:					
Reduction in concession / lease receivables	33	32,542	-	-	32,575
Transaction costs in relation to acquisition ²	-	-	1,681	-	1,681
Tax paid	(2,412)	(4,876)	(11,139)	(127)	(18,554)
Maintenance capex	(1,430)	(9,837)	(19,476)	-	(30,743)
Non-cash interest	1,022	628	2,722	237	4,609
Income tax expense	(2,704)	(4,948)	13,395	14	5,757
Depreciation and amortisation	42,929	28,246	26,581	-	97,756
Share of results of joint venture	(12,654)	-	(4,048)	-	(16,702)
QPDS interest expenses to KIT	35,312	10,414	-	(45,726)	-
Perp securities holder	-	-	-	(13,687)	(13,687)
FFO from joint venture	30,396	-	7,822	-	38,218
Payment of upfront fee and legal fees	(52)	-	(10,652)	(513)	(11,217)
Other adjustments	(33,351)	1,513	39,373	(46,308)	(38,773)
NCI	(10,847)	(834)	(1,190)	-	(12,871)
Funds from Operations³	95,424	40,520	34,854	(73,713)	97,085
Add: Ixom capital optimisation ⁴	-	-	-	131,164	131,164
Add: Maintenance capex funded by long-term debt	-	7,491	-	-	7,491
Less: Growth capex funded by FFO	(4,490)	-	(2,656)	-	(7,146)
Less: Mandatory debt repayment ⁵	(21,140) ⁵	(3,150) ⁶	(677) ⁶	-	(24,967)
Adjustment for KMC DI ⁷	(19,760) ⁷	-	-	-	(19,760)
Distributable Income⁸	50,034	44,861	31,521	57,451	183,867

Note:

1. Comprises Trust expenses and distribution paid/payable to perpetual securities holders, management fees and financing costs.
2. Due to one-off acquisition related costs incurred for new investments which are reversed through "Transaction costs in relation to acquisition" to reflect actual funds from operations.
3. Funds from Operations means profit after tax adjusted for reduction in concession/lease receivables, transaction costs, non-cash interest and current cash tax, maintenance capital expenditure, non-cash adjustments and non-controlling interest adjustments.
4. Part of the \$273 million capital optimisation proceeds.
5. Relating to BKR2's mandatory debt amortisation in Jul 2023.
6. Relating to debt repayment for SingSpring Desalination Plant and Philippine Coastal.
7. KMC's computed DI negated by the mandatory debt amortisation in Jun 2023.
8. Distributable Income is defined as Funds from Operations less mandatory debt repayment and other charges, credits or adjustments as deemed appropriate by the Trustee-Manager.

2H 2022: Distributable Income

SG\$'000	Energy Transition	Environmental Services	Distribution & Storage	Corporate ¹	Group
Profit/(loss) after tax	26,509	(7,549)	(37,459)	11,327	(7,172)
Add/(less) adjustments:					
Reduction in concession / lease receivables	28	31,004	-	-	31,032
Transaction costs in relation to acquisition ²	-	758	13,636	12,600	26,994
Tax paid	(1,053)	(1,566)	(11,066)	(2)	(13,687)
Maintenance capex	(7,459)	(2,714)	(15,148)	-	(25,321)
Non-cash interest	387	1,393	1,354	150	3,284
Income tax expense	2,198	(4,167)	14,676	(705)	12,002
Depreciation and amortisation	41,816	9,536	30,342	-	81,694
Share of results of joint venture	2,274	-	65,481 ³	-	67,755
QPDS interest expenses to KIT	35,313	10,414	-	(45,727)	-
Perp securities holder	-	-	-	(13,687)	(13,687)
FFO from joint venture	6,582	-	3,836	-	10,418
Payment of upfront fee and legal fees	(200)	-	-	-	(200)
Other adjustments ⁴	(26,694)	(45)	(4,736)	246	(31,229)
NCI	(785)	-	(1,236)	-	(2,021)
Funds from Operations	78,916	37,064	59,680	(35,798)	139,862
Less: Mandatory debt repayment	-	(4,237) ⁵	(700) ⁵	-	(4,937)
Distributable Income	78,916	32,827	58,980	(35,798)	134,925

Note:

1. Comprises Trust expenses and distribution paid/payable to perpetual securities holders, management fees and financing costs.

2. Due to one-off acquisition related cost incurred for new investments which are reversed through "Transaction costs in relation to acquisition" to reflect actual funds from operations.

3. Include impairment loss on the investment in Philippine Coastal

4. Other adjustments include reversal of fair value gain on the investment in AGPC.

5. Relating to debt repayment for SingSpring Desalination Plant and Philippine Coastal.

FY2023: Distributable Income

S\$'000z	Energy Transition	Environmental Services	Distribution & Storage	Corporate ¹	Group
Profit after tax	53,471	(36,201)	26,548	47,109	90,927
Add/(less) adjustments:					
Reduction in concession / lease receivables	63	63,761	-	-	63,824
Transaction costs in relation to acquisition ²	-	-	3,956	(263)	3,693
Tax paid	(4,715)	(6,446)	(37,006)	(214)	(48,381)
Maintenance capex	(2,312)	(15,441)	(29,835)	-	(47,588)
Non-cash interest	1,970	1,276	4,024	565	7,835
Income tax expense	1,963	(8,306)	27,754	414	21,825
Depreciation and amortisation	85,176	66,666	53,285	-	205,127
Share of results of joint venture	(20,366)	-	(5,254)	-	(25,620)
QPDS interest expenses to KIT	70,049	20,658	-	(90,707)	-
Perp securities holder	-	-	-	(27,150)	(27,150)
FFO from joint venture	63,818	-	12,958	-	76,776
Payment of upfront fee and legal fees	(1,402)	-	(10,652)	(1,364)	(13,418)
Other adjustments	(11,944)	1,186	34,277	(47,322)	(23,803)
NCI	(21,671)	(3,711)	(2,963)	-	(28,345)
Funds from Operations³	214,100	83,442	77,092	(118,932)	255,702
Add: Ixom capital optimisation ⁴	-	-	-	131,164	131,164
Add: Maintenance capex funded by long-term debt	-	7,491	-	-	7,491
Less: Growth capex funded by FFO	(4,490)	-	(2,656)	-	(7,146)
Less: Mandatory debt repayment	(21,140) ⁵	(7,205) ⁶	(1,344) ⁶	-	(29,689)
Adjustment for KMC DI	(40,764) ⁷	-	-	-	(40,764)
Distributable Income⁸	147,706	83,728	73,092	12,232	316,758

Note:

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3. Funds from Operations means profit after tax adjusted for reduction in concession/lease receivables, transaction costs, non-cash interest and current cash tax, maintenance capital expenditure, non-cash adjustments and non-controlling interest adjustments.
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7. KMC's computed DI negated by the mandatory debt amortisation in Jun 2023.
8. Distributable Income is defined as Funds from Operations less mandatory debt repayment and other charges, credits or adjustments as deemed appropriate by the Trustee-Manager.

FY2022: Distributable Income

S\$'000	Energy Transition	Environmental Services	Distribution & Storage	Corporate ¹	Group
Profit after tax	(4,065)	(9,523)	(1,783)	12,542	(2,829)
Add/(less) adjustments:					
Reduction in concession / lease receivables	54	61,848	-	-	61,902
Transaction costs in relation to acquisition ²	-	759	18,757	39,304	58,820
Tax paid	(2,062)	(3,082)	(34,754)	(5)	(39,903)
Maintenance capex	(12,538)	(2,764)	(25,429)	-	(40,731)
Non-cash interest	762	1,398	2,802	254	5,216
Income tax expense	3,062	(3,807)	26,856	202	26,313
Depreciation and amortisation	82,285	13,252	61,147	-	156,684
Share of results of joint venture	2,274	-	61,445 ³	-	63,719
QPDS interest expenses to KIT	70,049	20,659	-	(90,708)	-
Perp securities holder	-	-	-	(27,150)	(27,150)
FFO from joint venture	6,582	-	8,310	-	14,892
Payment of upfront fee and legal fees	(200)	-	-	(758)	(958)
Other adjustments ⁴	(27,724)	24	(10,917)	244	(38,373)
NCI	(2,812)	-	(2,443)	-	(5,255)
Funds from Operations	115,667	78,764	103,991	(66,075)	232,347
Less: Mandatory debt repayment	-	(8,473) ⁵	(1,381) ⁵	-	(9,854)
Distributable Income	115,667	70,291	102,610	(66,075)	222,493

Note:

1. Comprises Trust expenses and distribution paid/payable to perpetual securities holders, management fees and financing costs.

2. Due to one-off acquisition related cost incurred for new investments which are reversed through "Transaction costs in relation to acquisition" to reflect actual funds from operations.

3. Includes impairment loss on the investment in Philippine Coastal.

4. Other adjustments include reversal of fair value gain on the investment in AGPC.

5. Relating to debt repayment for SingSpring Desalination Plant and Philippine Coastal.

FY2023: Businesses and Assets Results Summary

City Energy

S\$'000	FY2023	FY2022	Change %
Revenue	399,532	389,528	2.6
Other income	9,233	1,780	>100.0
Other (losses)/gains - net	(139)	(216)	(35.6)
Expenses			
Operating costs	(294,189)	(305,144)	(3.6)
Staff costs	(26,590)	(24,171)	10.0
Depreciation and amortisation	(5,588)	(3,824)	46.1
Finance costs	(38,714)	(30,613)	26.5
Profit before tax	43,545	27,340	59.3
Income tax expense	(8,064)	(5,135)	57.0
Net profit after tax	35,481	22,205	59.8
Funds from operations attributable to KIT	57,219	40,274	42.1
EBITDA	81,260 ¹	61,578 ¹	32.0

Keppel Merlimau Cogen

S\$'000	FY2023	FY2022	Change %
Revenue	130,539	132,226	(1.3)
Other income	3,687	66	>100.0
Other (losses)/gains - net	272	(365)	N/M
Expenses			
Operating costs	(40,929)	(29,339)	39.5
Staff costs	-	-	-
Depreciation and amortisation	(82,449)	(78,461)	5.1
Finance costs	(98,087)	(98,474)	(0.4)
Loss before tax	(86,967)	(74,347)	17.0
Income tax credit	6,101	9,120	(33.1)
Net loss after tax	(80,866)	(65,227)	24.0
Funds from operations attributable to KIT	40,765	43,114	(5.4)
EBITDA	92,931 ²	105,402 ²	(11.8)

1. Exclude unrealised exchange gain (S\$0.2m).

2. Exclude unrealised exchange gain (S\$0.02m).

FY2023: Businesses and Assets Results Summary

Singapore waste and water assets

S\$'000	FY2023	FY2022	Change %
Revenue	103,754	103,249	0.5
Other income	1,099	739	48.7
Expenses			
Operating costs	(84,573)	(81,256)	4.1
Staff costs	-	-	-
Depreciation and amortisation	(7,628)	(7,465)	2.2
Finance costs	(21,228)	(21,478)	(1.2)
Loss before tax	(8,576)	(6,211)	38.1
Income tax (expense)/credit	(364)	(1,077)	(66.3)
Net loss after tax	(8,940)	(7,288)	22.7
Funds from operations attributable to KIT	79,502	80,744	(1.5)
EBITDA	19,895	22,490	(11.5)

Eco Management Korea

KRW'm	FY2023	2M ended 31 Dec 2022	Change %
Revenue	122,200	19,372	>100.0
Other income	1,541	575	>100.0
Other (losses)/gains - net	(530)	(514)	3.1
Expenses			
Operating costs	(53,732)	(10,171)	>100.0
Staff costs	(19,644)	(3,177)	>100.0
Depreciation and amortisation	(57,374)	(5,398)	>100.0
Finance costs	(27,379)	(7,327)	>100.0
Loss before tax	(34,918)	(6,640)	>100.0
Income tax credit	8,426	4,556	84.9
Net loss after tax	(26,492)	(2,084)	>100.0
Funds from operations attributable to KIT	3,830	(1,846)	N/M
EBITDA	51,115 ¹	6,320 ²	>100.0

1. Exclude fixed assets written off (KRW 1.7b).

2. Exclude one-off acquisition related cost incurred during the period (KRW 513.4m).

FY2023: Businesses and Assets Results Summary

Ixom

A\$'000	FY2023	FY2022	Change %
Revenue	1,375,623	1,386,745	(0.8)
Other income	2,698	192	>100.0
Other (losses)/gains - net	109	465	(76.6)
Expenses			
Operating costs	(1,001,962)	(1,046,174)	(4.2)
Staff costs	(172,017)	(160,383)	7.3
Depreciation and amortisation	(59,730)	(63,583)	(6.1)
Finance costs	(41,147)	(27,298)	50.7
Profit before tax	103,574	89,964	15.1
Income tax expense	(31,111)	(27,926)	11.4
Net profit after tax	72,463	62,038	16.8
Funds from operations attributable to KIT	71,890	99,488	(27.7)
EBITDA	209,225 ¹	199,053 ²	5.1

1. Exclude one-off acquisition related costs incurred (A\$4.4m) and unrealised exchange loss (A\$1.3m).

2. Exclude one-off acquisition related costs incurred (A\$19.5m), unrealised exchange gain (A\$0.6m) and gain on Ixom's divestment of its Fiji business (A\$0.5m).