# **CK Infrastructure** Capital Markets Day

September 2024

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# Agenda

	Presenter
Introduction to the attendees	Yue Seng CHIU
Company snapshot	Andy HUNTER
Creating value for shareholders	Andy HUNTER
Capturing growth opportunities	Andy HUNTER
M&A growth opportunities ahead	Yue Seng CHIU
Our sustainability approach	Chris CHAN
How CKI delivers financially	Dominic CHAN
Closing remarks	Andy HUNTER



# Introduction to the attendees



# Andy HUNTER

Deputy Managing Director and Executive Director Dominic CHAN

Chief Financial Officer and Executive Director Yue Seng CHIU

Head of Corporate Finance

Ivan CHAN

Chief Planning and Investment Officer **Chris CHAN** 

Group Sustainability Officer



# Our key messages for today







One of the largest diversified global infrastructure companies with stable and recurring cash flows – all major portfolio businesses controlled by CK Group >70% of profit contribution from regulated utilities with inherent CAPEX-driven growth and contracted infrastructure businesses underpinned by stable contracted cashflow with growth

>30 value-accretive acquisitions at both CKI and portfolio company level with strong support from key partners to jointly pursue sizable acquisitions



Proven track record of driving efficiency and improving performance across the portfolio 27 consecutive years of dividend growth since HK IPO with a CAGR of 10.8%



Solid financial position with "A" credit rating and single-digit gearing – all major portfolio businesses are self-funded with solid IG ratings



# Company snapshot



# Andy HUNTER

Deputy Managing Director and Executive Director





# A portfolio diversified across geographic regions and business segments

### 2023 profit contribution<sup>1</sup>

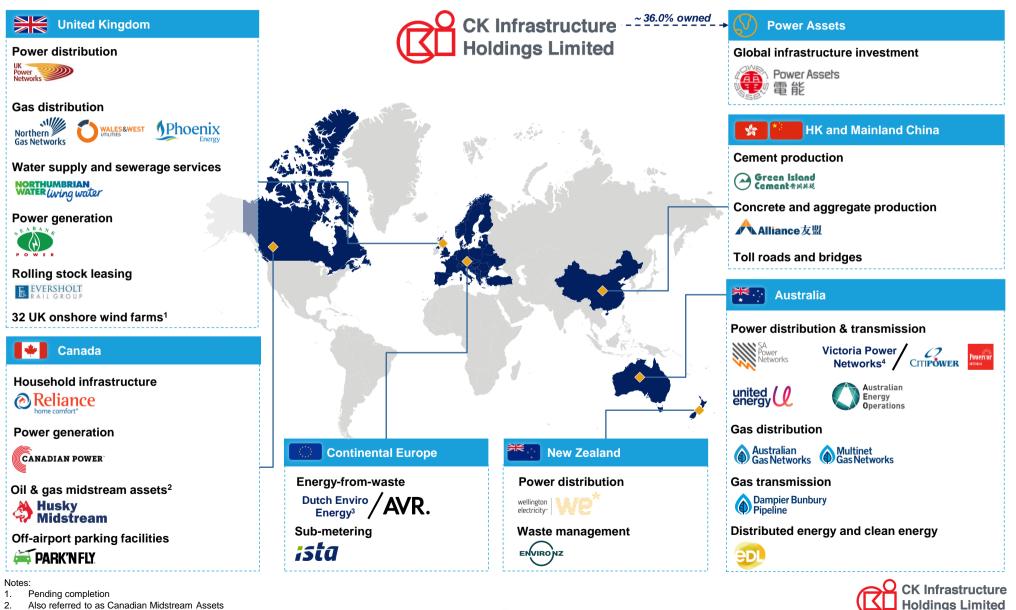
				_			
By Region		HKDm	%		By Segment	By Segment	By Segment HKDm
United Kingdom		3,050	35.7%	_	Regulated Utilities	Regulated Utilities	Regulated Utilities 4,373
Australia	*	1,855	21.7%		Electricity Distribution	Electricity Distribution	Electricity Distribution 3,004
New Zealand		168	2.0%		Other Regulated Utilities		- 1369
Continental Europe		535	6.3%			Contracted Infrastructure	
Canada	*	648	7.6%				
Hong Kong and Mainland China	*	117	1.4%		Other Businesses	Other Businesses	Other Businesses
Power Assets	Power Assets 電能	2,162	25.3%		Power Assets	Power Assets ● 電能	Power Assets Power Assets 2,162
Total		8,535	100.0%		Total	Total	Total 8,535



Note: 1. Profit contribution represents profit attributable to shareholders of the Company before unallocated items

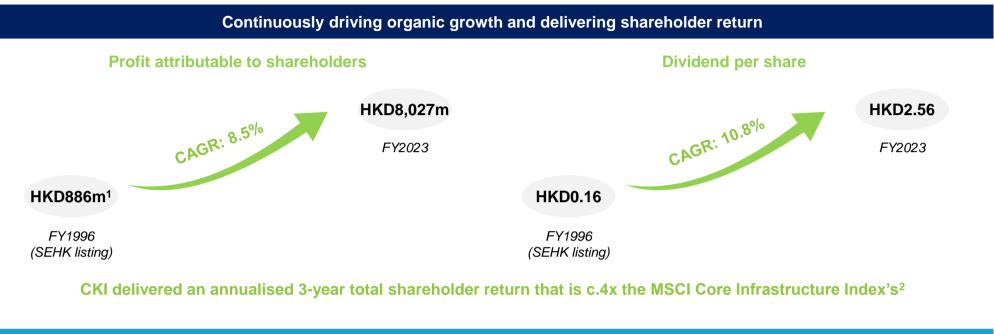
# One of the largest diversified global infrastructure companies

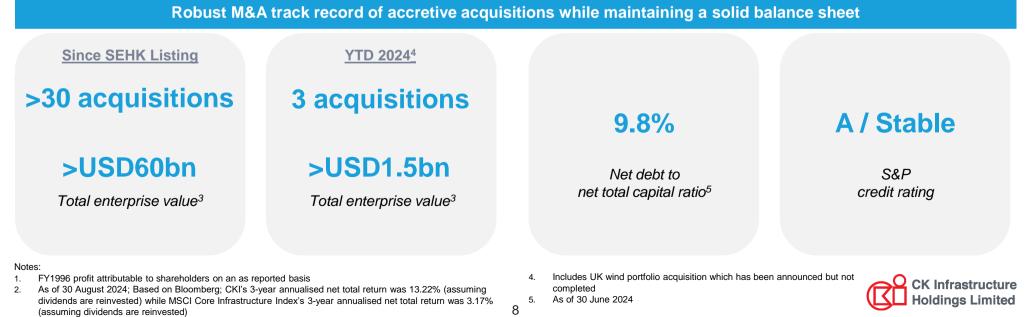
Portfolio businesses across geographies and asset classes



- Also referred to as Canadian Midstream Assets
- Dutch Enviro Energy owns AVR 3.
- 4. Victoria Power Networks is the holding company of Powercor and CitiPower

# Proven financial track record





3. Represents the sum of total enterprise value of targets acquired by CKI and partners

# Driving efficiency and improving performance across the portfolio through proactive asset management



Best-in-class asset management model

- Dedicated team of professionals drive CKI's culture and strategy at portfolio business level
- Specialise in asset management and implement standards under which local management teams operate with high levels of accountability
- Teams attend regular board and sub-committee meetings of the portfolio businesses and lead monthly operational and financial performance meetings
- Facilitate sharing of best industry practices, expertise and knowledge across portfolio businesses through annual conferences and ad-hoc colloquiums
  - Regulation / Finance / Sustainability / Public Relations / Health & Safety / Technology / Cyber Security / Legal
- CKI also facilities management mobility allowing key executives to move between portfolio businesses and countries
- Full senior management team of portfolio businesses gather annually in Hong Kong for the budget process

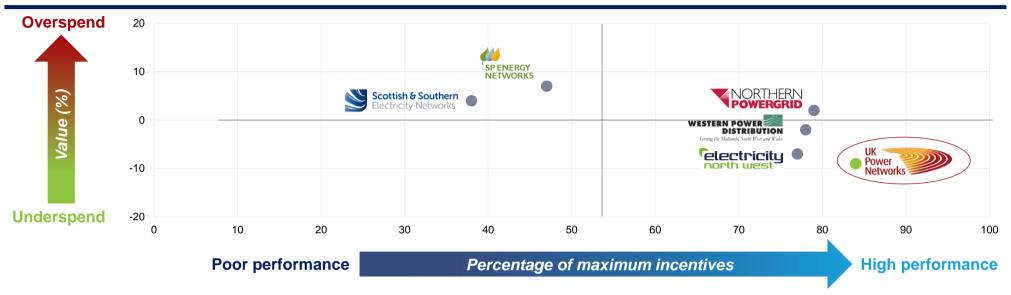


Synergies across portfolio businesses

- ✓ Better regulatory insights due to interactions across multiple jurisdictions and sectors
- Broader government relations due to depth of portfolio and concentration in jurisdictions
- Early insight of macroeconomic trends due to combination of both regulated and non-regulated business exposure
- Better health and safety outcomes through the sharing of information and best practices across businesses
- Expanding non-regulated businesses adjacent to regulated utilities to enhance returns leveraging existing expertise



# Driving efficiency and improving performance across the portfolio through proactive asset management - selected examples



#### UKPN: RIIO ED1 performance (2015-2023)<sup>1</sup>

#### SAPN: Service performance scheme (SPS) & Grade of Service (GOS)

SA Power Networks	✓ Incen	ntive / Reward			entive cap rea	[	Regulatory control period		
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
SPS	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\bigcirc$	✓	$\checkmark$	$\checkmark$	$\checkmark$
GOS	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		$\checkmark$		$\checkmark$	$\checkmark$

Note:

1. Source: UKPN RIIO-ED2 Business Plan 2023 - 2028



# A commercially focused approach to sustainability



## **Energy Transition & Decarbonisation**

Building resilience and enhancing operational efficiency



### **Health & Safety**

Maintaining a healthy and safe environment for all



### **Human Capital**

Empowering and motivating employees, driving retention



# **Governance & Reporting**

Upholding business ethics, integrity and transparency



# Creating value for shareholders



# Andy HUNTER

Deputy Managing Director and Executive Director





# Solid foundations for delivering outstanding performance



Note: 1. Represents the sum of total enterprise value of targets acquired by CKI and partners

# • Resilient and diversified portfolio of businesses delivering recurring cash flow

Segments	2023A EBITDA	% of 2023A EBITDA	Characteristics	Businesses included
Regulated Utilities	HKD14.6bn	52.6%	<ul> <li>Subject to regulatory price controls under defined tariff mechanisms that are established, and periodically renewed, by the relevant authorities</li> <li>Tariffs received are normally indexed to inflation and interest rates</li> <li>As essential services, regulated utilities have relatively low business disruption risks in macro events like COVID-19</li> </ul>	<ul> <li>Power distribution</li> <li>Gas transmission and distribution</li> <li>Water supply and sewerage services</li> </ul>
Contracte Infrastruc	HKD6 4hh	23.1%	<ul> <li>Predictable cash flow underpinned by         <ul> <li>Long-term contracts / Power Purchase Agreements (PPAs)</li> <li>Prominent market positions with high barriers to entry</li> <li>Loyal customer bases with low churn rates</li> </ul> </li> <li>Unlike regulated utilities, many contracted infrastructure businesses have the freedom to increase prices to generate growth at above inflation</li> </ul>	<ul> <li>Power generation and production</li> <li>Distributed energy and clean energy</li> <li>Rolling stock leasing</li> <li>Energy-from-waste production</li> <li>Waste management</li> <li>Sub-metering and related services</li> <li>Oil and gas midstream assets</li> <li>Residential home services</li> </ul>
Other businesse	es HKD0.5bn	1.7%	<ul> <li>Infrastructure or infrastructure-related businesses with solid market positions</li> </ul>	<ul> <li>Toll roads and bridges</li> <li>Off-airport parking facilities</li> <li>Cement production</li> <li>Concrete and aggregate production</li> </ul>
Power Assets Holdings	HKD6.3bn	22.6%	<ul> <li>Combination of regulated utilities and contracted infrastructure</li> <li>Steady dividend contribution from Power Assets to CKI</li> </ul>	<ul> <li>~36.0% stake in SEHK-listed Power Assets, with a market cap of HKD115bn<sup>1</sup></li> </ul>

## Total 2023A EBITDA: HKD27.8bn

1. Based on closing price on SEHK as of 19 September 2024



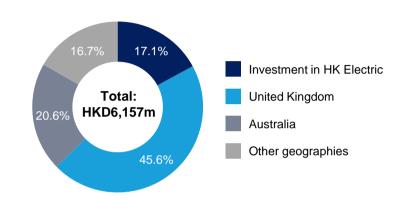
# Resilient and diversified portfolio of businesses delivering recurring cash flow (cont'd)

Power Assets ● Power Assets 電能

#### Overview

- Listed on SEHK (market cap: HKD115bn<sup>1</sup>)
- A global investor in power generation, transmission and distribution, gas transmission and distribution, as well as oil storage and transmission
- Businesses across 9 markets, namely, the UK, Australia, Hong Kong, Mainland China, the Netherlands, New Zealand, Thailand, Canada and the US
- Portfolio comprises:
  - Co-investments with CKI in energy and utility-related business
  - ~33.4% stake in SEHK-listed HK Electric, which generates, transmits, and is the sole distributor of electricity to Hong Kong Island and Lamma Island (3,403 MW total installed capacity<sup>2</sup>)
  - Stake in various power plants and wind farms in Mainland China and Thailand
- As of 31 December 2023, Power Assets was in a net cash position of HKD1.1bn

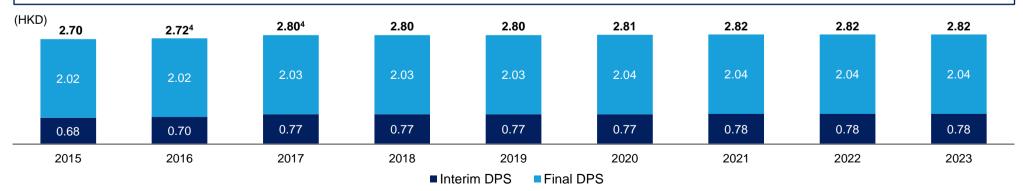




Dividend received from Power Assets by CKI in 2023: ~HKD2.2bn

#### Steady dividend per share

Steady cash flow contribution from Power Assets to CKI with at least HKD2.70 in DPS from 2015 to 2023, with additional special dividends of HKD5.00 per share and HKD13.50 per share for the years of 2016 and 2017 respectively



#### Notes:

1. Based on closing price on SEHK as of 19 September 2024

2. As of 31 December 2023

3. Profit contribution represents profit attributable to shareholders of Power Assets before other activities

4. Excluding the special dividends of HKD5.00 per share and HKD13.50 per share in 2016 and 2017 respectively



#### Resilient and diversified portfolio of businesses delivering recurring cash flow (cont'd) 1

CKI together with its key partners control most of the portfolio businesses

		Economi	ic interest <sup>1</sup>				Economi	c interest <sup>1</sup>				Economi	ic interest <sup>1</sup>	
	CKI <sup>2</sup>	Power Assets	Total CKH Group & CK Asset <sup>3</sup>	minority		CKI <sup>2</sup>	Power Assets	Total CKH Group & CK Asset <sup>3</sup>	minority		CKI <sup>2</sup>	Power Assets	Total CKH Group & CK Asset <sup>3</sup>	minority
Power Assets 電能	36.0%	n/a	n/a	n/a		40.0%	20.0%	100.0%	_	Dutch Enviro Energy	45.5%	27.0%	100.0%	       
UK Power Networks	40.0%	40.0%	100.0%	 	Australian Gas Networks	53.2%	33.0%	100.0%		structure	35.0%	_	100.0%	   _   
Victoria Power Networks 5	23.1%	27.9%	51.0%	spark infrastructure	Multinet Gas Networks	40.0%	20.0%	100.0%		Canadian power	50.0%	50.0%	100.0%	   – 
	23.1%	27.9%	51.0%	spark infrastructure 49.0%	Dampier Bunbury Pipeline	40.0%	20.0%	1 1 100.0%		Contracted Widstream	<sup>8</sup> 16.25%	48.75%	65.0%	село <u>уи</u> 35.0%
	26.4%	13.2%	66.0%	<b>SGSP</b> <sup>6</sup> 34.0%			20.070		   	Content Content	25.0%	_	100.0%	     – 
wellington electricity-	50.0%	50.0%	100.0%	     –		65.0%	10.0%	100.0%		🚝 PARK'N FL	65.0%	10.0%	100.0%	1     – 
Northern Gas Networks	47.1%	41.3%	88.4%	state super 11.6%	Contracted Infrastructure Seapank Power	25.0%	25.0%	50.0%	<b>&gt; SSE</b> 50.0%	Toll roads and bridges	30.0- 40.0%	_	30.0- 40.0%	Local partners 60.0-
Norther Water	39.0%	36.0%	100.0%	     	outracted	40.0%	20.0%	100.0%	-	Sin Cement History	100.0%	_	100.0%	         
NORTHUMBRIAN WATER (wing water	39.0%	6.0%	75.0%	KKR 25.0%	Ŭ ENVIRONZ	100.0%	_	100.0%	_	Alliance友盟	50.0%	_	50.0%	Heidelbe Heidelbe Materials

For Northumbrian Water, Australian Gas Networks and Park'N Fly, this represents the split of economic 1. interests arising from the respective economic benefits agreements entered into by the respective subsidiaries of CKI, Power Assets, CK Asset and CK Hutchison in August 2018

2. Excludes economic interests owned by Power Assets

3. Including economic interests owned by CKI, Power Assets, CK Hutchison and CK Asset Public Sector Pension Investments

5. Victoria Power Networks is the holding company for Powercor and CitiPower 6.

SGSP (Australia) Assets is owned by State Grid Corp of China and

Singapore Power. Trades as Jemena. Dutch Enviro Energy owns AVR 16 <sup>7.</sup>

Also referred to as Canadian Midstream Assets 8.



Almost all profit contribution from countries / regions with AA or above credit rating and transparent and enforceable legal regimes

		2023 profit co	ontribution % <sup>1</sup>	Credit rating by S&P	Next 5-year GDP CAGR
United Kingdom		35.7%	45.6%	AA	1.5%
Australia	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	21.7%	20.6%	AAA	1.9%
New Zealand	*	2.0%		AA+	2.5%
Continental Europe		6.3%	<b>16.7%</b> <sup>2</sup>	<b>AAA / AAA</b> Germany / Netherlands	<b>3.5% / 4.1%</b> Germany / Netherlands
Canada	[*]	7.6%		AAA	1.8%
Hong Kong and Mainland China	*:	1.4%	<b>17.1%</b> <sup>3</sup>	AA+ / A+ Hong Kong / Mainland China	<b>2.3% / 3.9%</b> Hong Kong / Mainland China

Source: EIU

Notes:

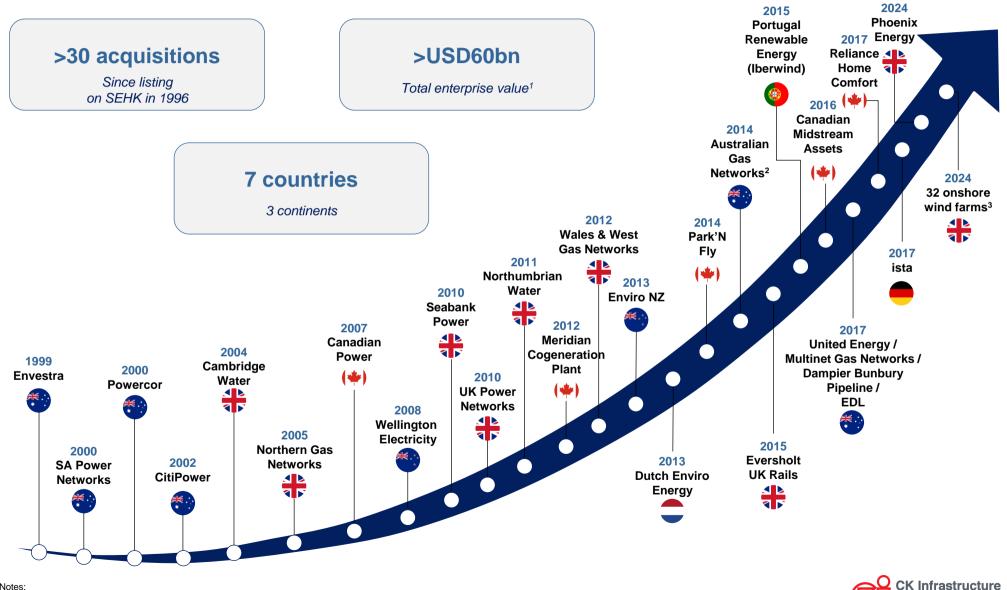
1. For CKI, profit contribution represents profit attributable to shareholders before unallocated items; for Power Assets, profit contribution represents profit attributable to shareholders before other activities

2. Includes profit contribution from the Netherlands, New Zealand, Thailand, Canada and the US

3. Represents profit contribution from Power Assets ~33.4% investment in HK Electric



Successful track record of capturing new investment opportunities through 3 acquisitions and achieving value realisation through selective disposals



Notes:

Represents the sum of total enterprise value of targets acquired by CKI and partners 1.

2. Formerly named Envestra Limited Pending completion 3.

Holdings Limited

Successful track record of capturing new investment opportunities through acquisitions and achieving value realisation through selective disposals (cont'd)

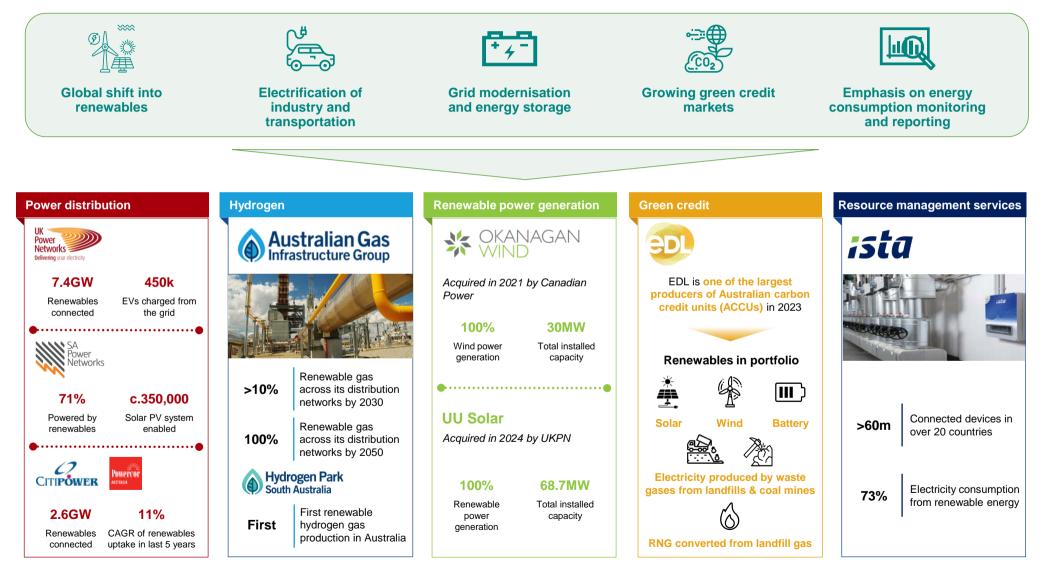


#### Notes

- 1. Includes share of gain on disposal from CKI's stake in Power Assets
- 2. Includes share of gain on disposal for CKI only
- 3. Representing the economic interest divested by the respective shareholder in Northumbrian Water
- 4. Represents the change of Power Assets' shareholding in HK Electric from 100% to 49.9% post spin-off listing

# Long-term growth through energy transition focus in portfolio – examples across segments

Positioned for growth on multiple fronts of the energy transition



**CK Infrastructure** 

Holdings Limited

# Pioneering technological innovations to accelerate and sustain business growth

CK^

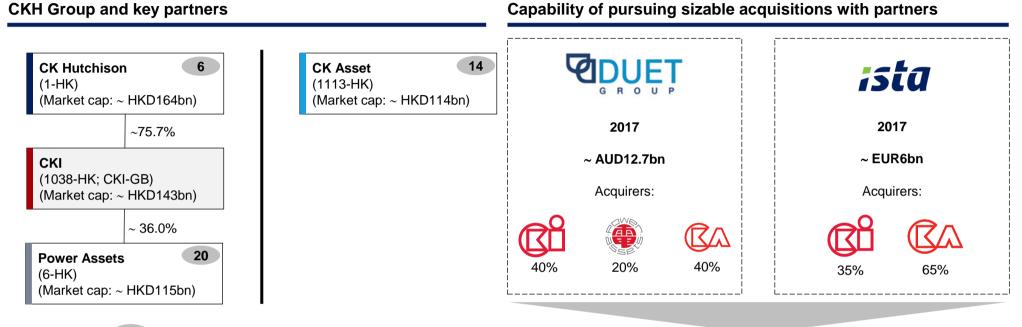
CKDelta, owned by CKI parent, builds intelligent applications designed to provide enhanced insight into business performance by creating efficiencies, increasing revenue through innovation, enhancing safety and improving sustainability

	UK Power Networks Delivering your electricity	Northern Gas Networks	NORTHUMBRIAN WATER (iving water	ista		
Problem	<ul> <li>E-mails are main channel customers interact with UKPN (customer care team 20 FTE)</li> <li>Slow response times due to manual processes resulting in low customer satisfaction and risk of regulatory fines</li> </ul>	<ul> <li>Network safety challenges:</li> <li>Predicting the volume of gas escapes on its network</li> <li>Optimising its operational workforce to meet regulatory compliance and performance targets set by Ofgem</li> </ul>	<ul> <li>Manual review of inbound contacts results in inefficient approach to customer care</li> <li>Low customer satisfaction (CMEX) impacts how Northumbrian Water is evaluated and reduces financial rewards</li> </ul>	<ul> <li>Required accurate method to forecast optimal locations for installing EV chargers</li> </ul>		
Solution	<ul> <li>Intelligent application developed to accelerate review and response to customer emails</li> </ul>	<ul> <li>Artificial Intelligence ("AI") driven model to detect critical network risks and anticipate potential events</li> </ul>	<ul> <li>Early Warning System powered by AI generating prioritised list of high-risk customers</li> </ul>	<ul> <li>Predictive AI model to analyse and identify optimal EV charger locations</li> </ul>		
Value Generated	<ul> <li>5-10 seconds to process an email (vs 1.5 days)</li> <li>Higher customer satisfaction</li> <li>+19% improvement in identifying the most urgent emails (98% vs 79%)</li> <li>Significantly reducing risk of regulatory fines</li> <li>2.5 hours saved per day on categorising emails</li> <li>Improved productivity</li> </ul>	<ul> <li>100% improvement vs current detection process         <ul> <li>Provides 10 day forecast of network health</li> <li>22% increase in accuracy of daily gas escape estimations             <ul></ul></li></ul></li></ul>	<ul> <li>Project was recognised by OFWAT including a financial reward</li> <li>Ranked highest in CMEX in the UK water sector         <ul> <li>Highest customer satisfaction</li> <li>Minimised errors and improved efficiency by</li> <li>Ability to proactively address customer concerns</li> </ul> </li> <li>86% improvement vs BAU</li> </ul>	<ul> <li>100% visibility for EV charge points         <ul> <li>Higher customer satisfaction and increasing EV adoption</li> <li>90% increase in accuracy of EV charger ROI forecasts</li> <li>Maximise ROI for commercial property clients</li> <li>10x CO<sub>2</sub> saved vs Grid</li> </ul> </li> </ul>		

**Case studies** 



# Support of the CKH Group and other key partners



Number of investments held jointly with CKI

Provides CKI with access to a much larger combined pool of affiliate capital

#### Background of CK Hutchison<sup>1</sup> and CK Asset<sup>1</sup>

Revenue: HKD275.6bn Assets: HKD1,138.5bn Credit Rating: A / A2 / A-	Operations across four core businesses – ports and related services, retail, infrastructure and telecommunications
Revenue: HKD47.2bn Assets: HKD504.5bn Credit Rating: A / A2 / -	<ul> <li>Operations across property development and investment, hotel and serviced suite operation, property and project management, pub operation and investment in infrastructure and utility asset operations</li> </ul>

22

Notes: market cap based on closing prices on SEHK as of 19 September 2024

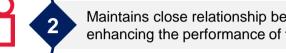
1. Revenue for the financial year ending 31 December 2023; Total Assets and Credit Rating (S&P / Moody's / Fitch) as at 30 June 2024



# CKI's robust management and governance model

#### CKI's management philosophies

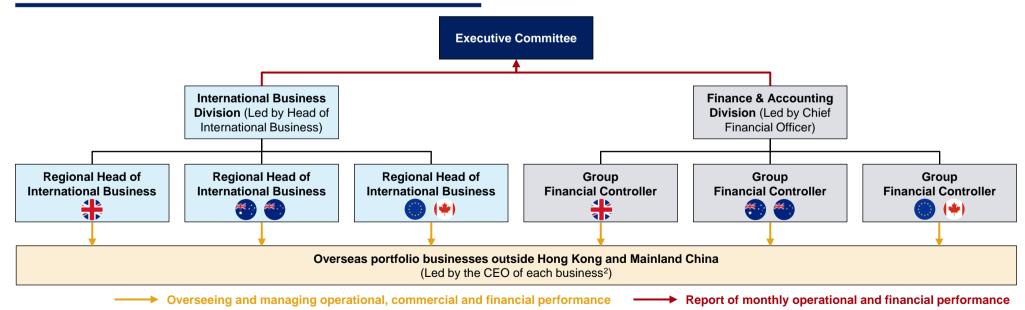
Empowers overseas businesses' local executive management teams to run day-to-day operations through short-term and long-term incentive plans



Maintains close relationship between head office and local executive management teams built on mutual trust, aiming at enhancing the performance of the portfolio businesses by offering support

Builds a shared platform for all the portfolio businesses to facilitate their performance towards a common goal, creating synergy among the portfolio businesses

#### Management model of CKI's overseas portfolio businesses<sup>1</sup>



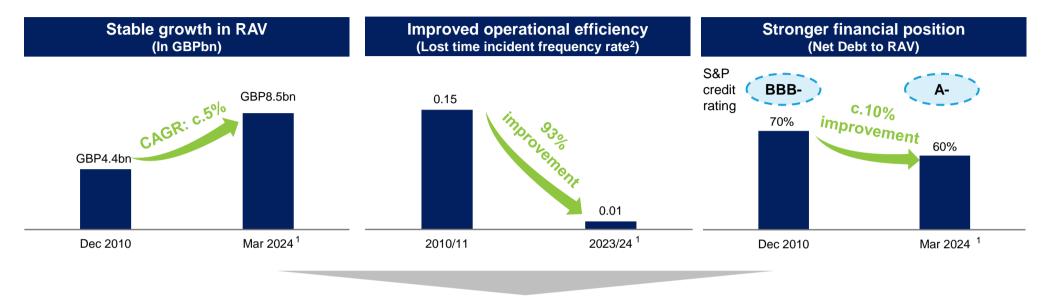
#### Notes:

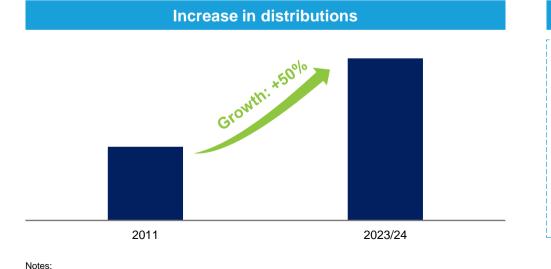
 CKI's businesses in toll roads and bridges in Mainland China are overseen by the Head of China Infrastructure, who reports to the Executive Committee. CKI's construction materials businesses in Hong Kong and Mainland China are overseen by the Chief Executive Officer of CK Infrastructure Materials, who reports to the Executive Committee  Such as Basil Scarsella of UK Power Networks, Mark Horsley of Northern Gas Networks, Graham Edwards of Wales and West Gas Networks, Heidi Mottram of Northumbrian Water, Kailash Chada of Phoenix Energy, Mary Kenny of Eversholt UK Rails, Hagen Lessing of ista, etc

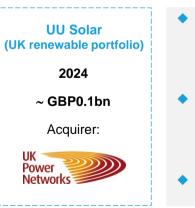


# **Case study: UK Power Networks**

Delivering steady growth in RAV and significant operational improvement, while strengthening financial position and growing non-regulated businesses through acquisitions







#### Ability to grow

- A 69 MW renewable energy portfolio consisting of 65 solar photovoltaic, 4 onshore wind and 1 hydro power generation assets
- With 90% of the revenue underpinned by a long-term power purchase agreement and renewable subsidies from the UK government
- Acquisition funded by UKPN existing facilities



- 1. 2023/24 figures presented are provisional based on UKPN's regulatory submission at the date the accounts are signed
- 2. Per 100,000 hours

# Capturing growth opportunities



# Andy HUNTER

Deputy Managing Director and Executive Director





# **Regulated Utilities – Electricity Distribution**

## Market characteristics

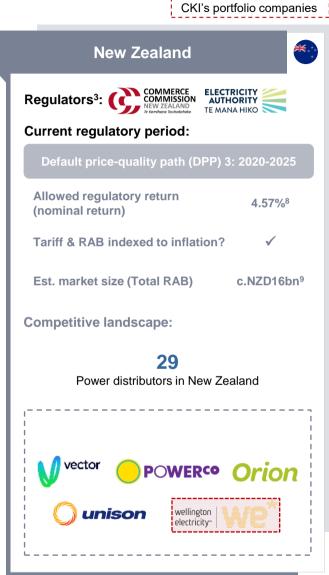
The United Kingdom <sup>1</sup>	
Regulator: ofgem	
Current regulatory period:	
RIIO-ED2 (2023-2028)	
Allowed regulatory return 3.90% (real return)	6 <sup>4</sup>
Tariff & RAV indexed to inflation? ✓	
Est. market size (Total RAV) c.GBP3	6bn <sup>5</sup>
Competitive landscape:	algrid

#### \* Australia Regulators<sup>2</sup>: AUSTRALIAN ENERGY REGULATOR ECONOMIC Regulation Authority Current regulatory period: A 5-year period with various starting years in different states and territories Allowed regulatory return 6.98%6 (nominal return) Tariff & RAB indexed to inflation? Est. market size (Total RAB) c.AUD93bn<sup>7</sup> **Competitive landscape: PowerWater** ERGON. energex HORIZON POWER NT Endeavour Energy QLD WA essentia SA NSW 🏠 Ausgrid letwork<sup>a</sup> ACT Actew/AGL VIC united U Jemena

TAS

[asNetwork]

CITIPOWER



- Vanilla WACC (real return; frequent debt issuers) for RIIO-ED2 4.
- 5. Total RAV of electricity distributors in Great Britain as of 31 Mar 2023
- 6. Vanilla WACC (nominal return) as per update in Dec 2023

AusNet

- 7. Total RAB of electricity distributors as of 30 Jun 2022 (excl. Horizon Power)

О **CK Infrastructure Holdings Limited** 

- 26 8. Vanilla WACC (nominal return) for DPP3 (2020-2025) 9.
  - Total RAB of electricity distributors based on data updated as of 27 Mar 2024

#### Notes:

- 1. Not applicable to Northern Ireland
- 2. Australian Energy Regulator (AER) oversees all Australian states and territories except for Western Australia while Economic Regulation Authority (ERA) oversees Western Australia
- 3. Commerce Commission is the economic regulator while Electricity Authority operates and oversees the electricity market

# **Regulated Utilities – Electricity Distribution**

Framework under which we operate

		Country	Regulator	Most recent reset	Next reset	Latest RAV / RAB	RAV / RAB CAGR	Credit rating
	UK Power Networks		ofgem	April 2023	April 2028	GBP8,520m <sup>2</sup>	+6.7%8	S&P: A-/Stable
on	Power Networks South Australia		AUSTRALIAN ENERCY REGULATOR	July 2020	July 2025	AUD4,942m <sup>3</sup>	+3.7%9	S&P: A-/Stable
<b>Electricity Distribution</b>	Victoria Power Networks <sup>1</sup>			July 2021	July 2026	Powercor: AUD5,300m <sup>4</sup>	+5.5%10	S&P: A-/Stable
ectricity I		<u>* :</u>	REGULATOR			CitiPower: AUD2,095m⁵	+1.4% <sup>10</sup>	
Ele	united U energy		AUSTRALIAN ENERGY REGULATOR	July 2021	July 2026	AUD2,693m <sup>6</sup>	+2.4% <sup>10</sup>	S&P: A-/Stable
	wellington	***	COMMERCE COMMISSION NEW ZEALAND re Comhana Taulatalada	April 2020	April 2025	NZD847m <sup>7</sup>	+6.1%8	_

#### Notes:

- 1. Is the holding company for Powercor and CitiPower
- 2. As of 31 March 2024; according to UK Power Networks' annual report for the year ended 31 March 2024 (provisional at the date the accounts were signed)
- 3. As of 30 June 2023; according to SA Power Network's Regulatory Information Notice published by AER
- 4. As of 30 June 2023; according to Powercor's Regulatory Information Notice published by AER
- 5. As of 30 June 2023; according to CitiPower's Regulatory Information Notice published by AER
- 6. As of 30 June 2023; according to United Energy's Regulatory Information Notice published by AER
- 7. As of 31 March 2024; according to Wellington's Electricity Distribution Information Disclosure Determination
- 8. Since 31 March 2019
- 9. Since 30 June 2018
- 10. Since 31 December 2018



# **Regulated Utilities – Electricity Distribution**

## **Opportunities**



#### Key growth drivers / initiatives of the sector

Growth in distributed renewable power generation

Smart grid upgrade



Expansion of EV charging infrastructure network

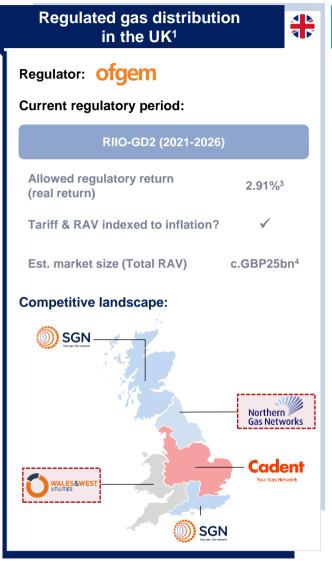


Opportunities to implement energy efficiency programs



# **Regulated Utilities – Other Regulated Utilities**

## Market characteristics

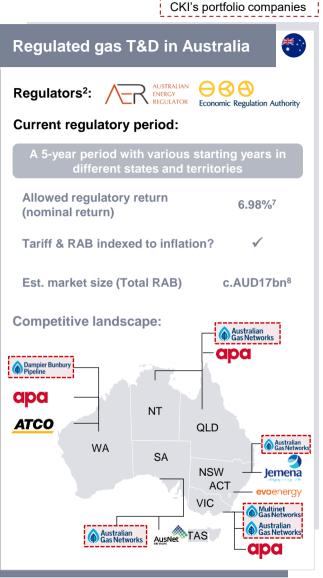


Regulated water in the UK <sup>1</sup>	.▲ ► २ ►						
Regulator: <b>Ofwat</b> Current regulatory period:							
Asset Management Plan (AMP) 7: 2020-202	5						
Allowed regulatory return 3.20% (real return)	6 <sup>5</sup>						
Tariff & RCV indexed to inflation? ✓							
Est. market size (Total RCV) c.GBP94	4bn <sup>6</sup>						
Competitive landscape:							
11 Regional water and sewerage undertakers Including: WATER (wing water)							

5 Regional water only undertakers

**11** Small water and sewerage undertakers

WATER living water



 Vanilla WACC (CPIH-real return) secured by Northumbrian Water, Anglian Water, Bristol Water and Yorkshire Water in its appeal to Competition and Markets Authority for PR19 price control determination

Total RCV of regulated water companies as of 31 Mar 2023

7. Vanilla WACC (nominal return) as per update in Dec 2023

gas pipelines in Western Australia as of 31 Dec 2022

Sum of total capital base of regulated gas pipelines not in Western Australia as of 30 Jun 2022 and total projected capital base of regulated



Notes:

- 1. Not applicable to Northern Ireland
- 2. Australian Energy Regulator (AER) oversees all Australian states and territories except for Western Australia while Economic Regulation Authority (ERA) oversees Western Australia
- 3. Vanilla WACC (real return; frequent debt issuers) for RIIO-GD2
- 4. Total RAV of gas distributors as of 31 Mar 2023

29

8.

# **Regulated Utilities – Other Regulated Utilities**

Framework under which we operate

		Country	Sector	Regulator	Most recent reset	Next reset	Latest RAV / RCV / RAB	RAV / RCV / RAB CAGR	Credit rating	
	Northern Gas Networks		Gas distribution	ofgem	April 2021	April 2026	GBP2,801m <sup>1</sup>	+5.7%8	S&P: BBB+/Stable Moody's: Baa1/Stable	
	UTILITIES WEST		Gas distribution	ofgem	April 2021	April 2026	GBP2,760m <sup>2</sup>	+5.3%8	Fitch: BBB	
ties	NORTHUMBRIAN WATER <i>living</i> water		Water supply and sewerage services	Of <b>w</b> at	April 2020	April 2025	GBP5,443m <sup>3</sup>	+5.0%9	Moody's: Baa1/Stable Fitch: BBB+/Stable	
Other Regulated Utilities	Phoenix		Gas distribution		January 2023	January 2029	-	-	Moody's: Baa2/Stable Fitch: BBB/Stable	
ther Reg	Australian				South Australia: July 2021	South Australia: July 2026	South Australia: AUD1,902m <sup>4</sup>	+4.4% <sup>10</sup>	S&P: A-/Stable	
ð	Australian Gas Networks	Gas distribution	AUSTRALIAN ENERGY REGULATOR	Victoria and Albury: July 2023	Victoria and Albury: July 2028	Victoria and Albury: AUD1,953m <sup>5</sup>	+4.4% <sup>11</sup>	Moody's: A3/Stable		
	Multinet Gas Networks	*	Gas distribution	AUSTRALIAN ENERGY REGULATOR	July 2023	July 2028	AUD1,416m <sup>6</sup>	+2.8% <sup>11</sup>	S&P: A-/Stable Moody's: A3/Stable	
	Dampier Bunbury Pipeline		Gas transmission	Conomic Regulation Authority	January 2021	January 2026	AUD3,370m <sup>7</sup>	-	Moody's: A3/Stable	

30

#### Notes:

- 1. As of 31 March 2023; according to Northern Gas Networks' regulatory financial performance report
- 2. As of 31 March 2023; according to Wales & West Gas Networks' regulatory financial performance report
- 3. As of 31 March 2024; according to Northumbrian Water's annual report for the year ended 31 March 2024
- 4. As of 30 June 2023; according to Australian Gas Networks (South Australia)'s Regulatory Information Notice published by the AER
- As of 1 July 2023; according to AER's Final Decision on Australian Gas Networks (Victoria & Albury)'s 2023– 2028 gas distribution access arrangement
- 6. As of 1 July 2023; according to AER's Final Decision on Multinet Gas Networks' 2023–2028 gas distribution

access arrangement

- 7. As of 1 January 2021; according to the access arrangement information for the Dampier to Bunbury Natural Gas Pipeline 2021 to 2025 as approved by the ERA
- 8. Since 31 March 2018
- 9. Since 31 March 2019
- 10. Since 30 June 2018
- 11. Since 31 December 2018



# **Regulated Utilities – Other Regulated Utilities**

**Opportunities** 



#### Key growth drivers / initiatives of the sector



Use of hydrogen and biogas in existing gas networks

Note:



Advanced monitoring technologies in gas T&D



Replacement of old gas pipelines



Investment in water and wastewater system to improve resilience



1. REPEX: Replacement expenditure (associated with expenditure of old metallic pipes replacement)

# **Contracted Infrastructure**

# Overview

		Country	Sector	Credit rating	Predictable and stable cash flow underpinned by
	POWER		Power generation	_	<ul> <li>Power purchase agreement with Shell</li> <li>SSE is a JV partner (50.0% stake)</li> </ul>
Contracted Intrastructure	EVERSHOLT RAIL GROUP		Rolling stock leasing	Moody's: Baa2/Stable Fitch: BBB/Stable	<ul> <li>Long-term contracts with customers who are ultimately backed by the UK government (i.e. Northern Rail; Scotrail)</li> </ul>
	edl		Distributed energy and clean energy	S&P: BBB-/Stable	<ul> <li>Long-term power purchase agreements with customers including leading mining companies (88 power and gas facilities worldwide)</li> </ul>
	ENVIRONZ		Waste management	_	<ul> <li>Contracted waste collection with 500k municipalities and commercial customers – covering 40% general waste volumes in Greater Auckland</li> <li>Largest landfill in New Zealand with decades of capacity</li> </ul>
	AVR.		Energy-from-waste production	_	<ul> <li>Feedstock waste contracts with municipalities and commercial customers combined with long-term steam supply agreements with district heating utilities and industrial customers</li> </ul>
	ista		Sub-metering and related services	_	<ul> <li>Rental and service agreements with commercial property managers over the full economic life of its underlying assets</li> <li>14m+ dwelling served, with ~3% churn rates driving revenue growth CAGR significantly above inflation since acquisition</li> </ul>
	CANADIAN POWER		Power generation	_	<ul> <li>Long-term power purchase agreements with government-backed customers and large industrial companies</li> </ul>
	Husky <sup>2</sup> Midstream	•	Oil & gas midstream assets	_	<ul> <li>Long-term take-or-pay agreement with Cenovus, who is a JV partner (35.0% stake), and other oil production companies</li> </ul>
	Reliance		Household infrastructure	S&P: BBB-/Stable	<ul> <li>Rental and service agreements and rolling renewal rates; driving revenue growth significantly above inflation since acquisition</li> </ul>



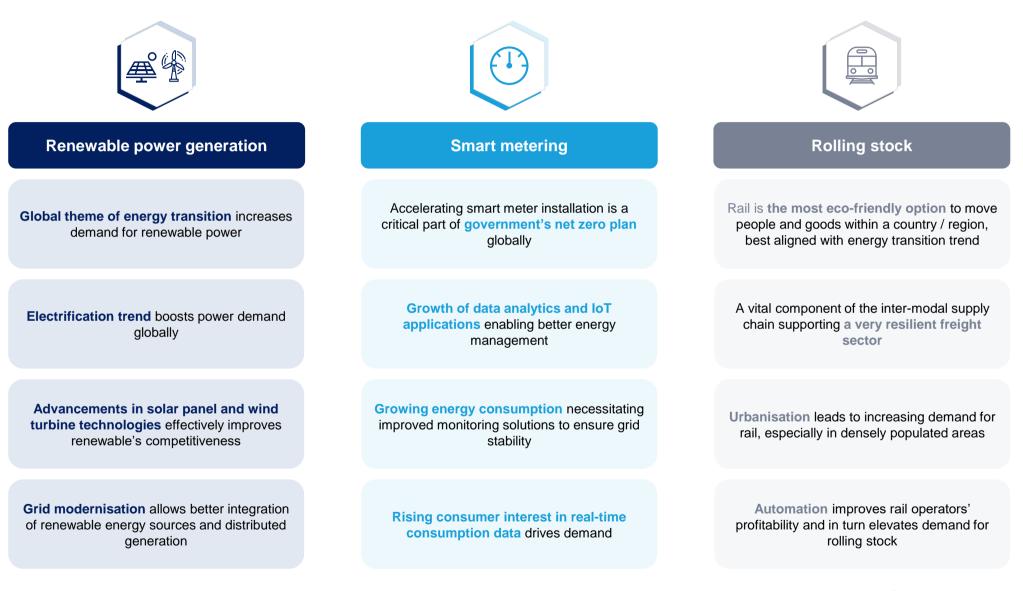
1. Owned by Dutch Enviro Energy

2. Also referred to as Canadian Midstream Assets



# **Contracted infrastructure**

# Key growth drivers





# M&A growth opportunities ahead



Yue Seng CHIU

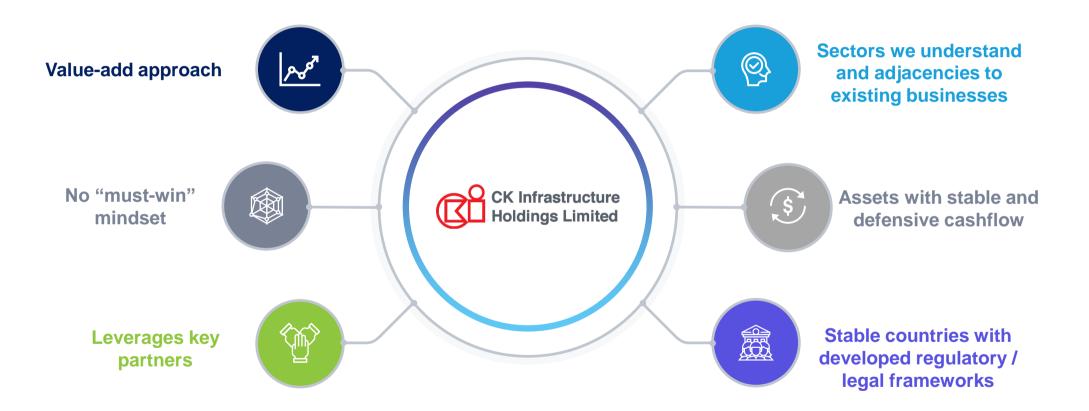
Head of Corporate Finance





# Acquisition approach and criteria

- We have dedicated team of 12 individuals focused on infrastructure M&A at CKI and our partner Power Assets
- Our team has deep domain knowledge and expertise, and a proven track record in originating and executing value accretive investments





# **M&A outlook**

#### Large M&A pipeline as investors seek to monetise for various reasons

- Pension and sovereign funds looking to rebalance portfolio given asset allocation considerations and changes in financial profile for certain asset classes
- Infrastructure funds under pressure to return capital to LPs
- Strategic investors continue to engage in asset recycling to fund organic capex given energy transition
- Abundant take private opportunities available in the market
  - Total enterprise value of take private transactions in global utilities sector announced YTD<sup>1</sup> has reached >USD25bn

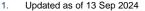
#### More rational competitive landscape

- Equity hurdle rates have adjusted upwards given the interest rate environment
- Investors are more conservative on leverage given cost and availability
- Moderated views on growth given macro environment and supply chain issues
- Capital raised by infrastructure funds hit a five-year low

#### CKI is well positioned to take advantage of a "buyer's market"

- We see opportunities to acquire quality assets at reasonable valuations
- We have a strong balance sheet "ready to fund" with bids "not subject to financing"
- We will, however, maintain our investment discipline and not have a "must-win" attitude

Note:





## Key business updates and recent developments

Highlights on acquisitions announced in 2024 YTD





- The largest of three gas distribution networks in Northern Ireland
- Covers c.48% of Northern Ireland's population including Greater Belfast, accounting for c.78% of the gas connections in Northern Ireland
- Regulatory regime similar to Northern Gas Networks / Wales and West Gas Networks, with a regulatory reset every 6 years and revenue certainty to year-end 2028 given the current regulatory period
- A 69 MW renewable energy portfolio consisting of 65 solar photovoltaic, 4 onshore wind and 1 hydro power generation assets in the United Kingdom
- With 90% of the revenue underpinned by a long-term power purchase agreement and renewable subsidies from the UK government, it is poised to generate recurrent and stable returns and cashflows

- Portfolio comprises 32 wind farms located in England, Scotland and Wales, totaling 175 MW in installed capacity and 137 MW in net attributable capacity
- Revenues are generated from (i) government subsidies, which are inflation-linked; and (ii) power revenue, including from PPAs as well as from selling power to the market

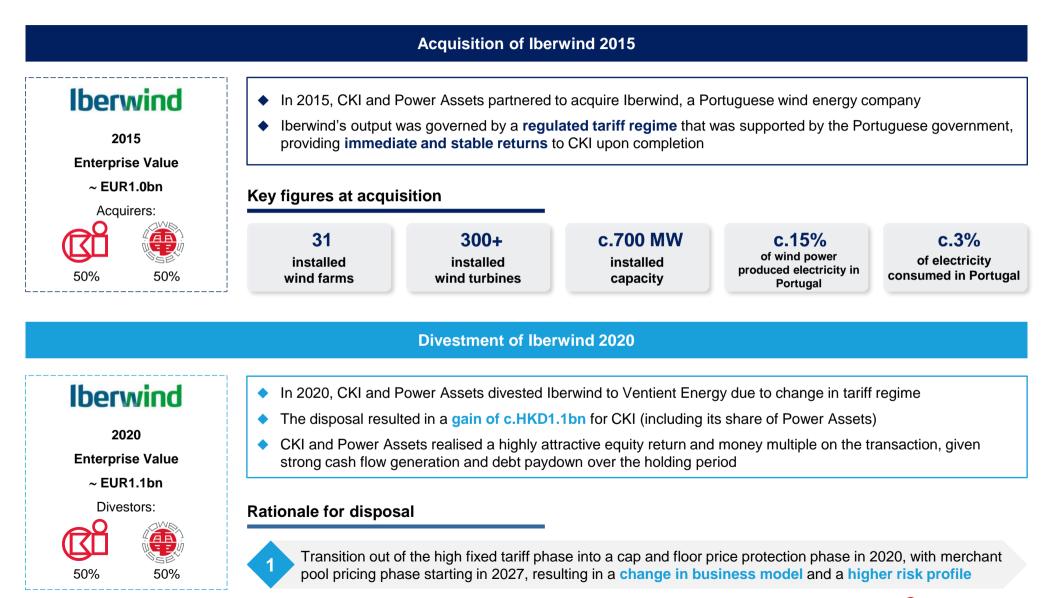


20%

40%

## **Case study: Iberwind**

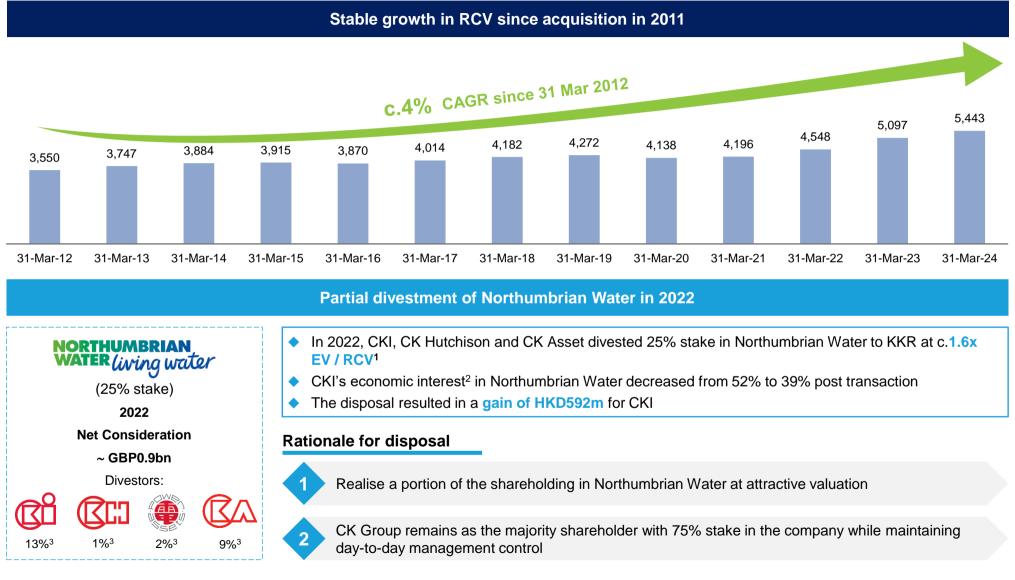
## Divestment of selective assets to align with CKI's strategy and risk appetite





## **Case study: Northumbrian Water**

Delivering stable growth in RCV, with a partial disposal in 2022 to realise value



Notes:

1. Calculated based on RCV as of 31 March 2022

2. Excluding CKI's share of Power Assets' economic interest

3. Representing the economic interest divested by the respective shareholder in Northumbrian Water

Infrastructure

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# Case study: Spin-off IPOs of Spark Infrastructure (2005) and HK Electric (2014)

Realising the underlying value of prime assets through spin-off IPOs

## Spin-off IPO of Spark Infrastructure (2005)

sparkinfrastructure

#### **Transaction overview**

In Dec 2005, CKI and HEH<sup>1</sup> completed the spin-off IPO of its Australian power distribution business on ASX, in the form of an infrastructure fund

Listing date	22 Dec 2005	
Gross proceeds	~ AUD1.8bn	
Use of proceeds	Settlement of the consideration for the acquisition of 49% stake in ETSA <sup>2</sup> , Powercor, and CitiPower from CKI	
Fund Manager	Spark Infrastructure Management Limited (50% owned by CKI)	
Post-transaction stake of CKI / HEH	<ul> <li>CKI / HEH retained 23.1% / 27.9% stake in ETSA, Powercor and CitiPower</li> <li>CKI also subscribed for 9.9% stake in Spark Infrastructure at listing</li> </ul>	

#### Transaction rationale

In August 2021, a takeover bid from KKR, Ontario Teachers' Pension Plan and Public Sector Pension Investment Board was accepted by the board of directors



Enables CKI to re-allocate capital and to pursue new and larger acquisitions in the global utility and infrastructure markets



Allows HEH to re-allocate its capital which will provide capital for further developments and investments



Enhances the potential growth of CKI through its interest in another publicly listed group in Australia

#### Notes:

- 1. Hongkong Electric Holdings, later renamed Power Assets
- 2. ETSA Utilities, later renamed SA Power Networks
- 3. Funded by HK Electric through net proceeds from the IPO and loan facilities





#### **Transaction overview**

In Jan 2014, Power Assets completed the spin-off IPO of its Hong Kong electricity business on SEHK

Listing date	29 Jan 2014	
Gross proceeds	~ HKD24.1bn	
Use of proceeds	Settlement of the consideration for the acquisition of Hong Kong electricity business from Power Assets	
Cornerstone investors	State Grid Corporation of China, Oman Investment Fund	
Post-transaction stake of Power Assets	<ul> <li>Power Assets retained 49.9% stake in HK Electric post listing</li> <li>Power Assets subsequently disposed of 16.5% stake in HK Electric to Qatar Investment Authority in Jun 2015, resulting in a remaining 33.4% stake</li> </ul>	

#### **Transaction rationale**



Significant HKD59bn<sup>3</sup> total proceeds to Power Assets to position it for international expansion



More defined focus and efficient resource allocation for Power Assets to focus on international expansion



Unlock value via establishing fair value for HKEI and crystalise value of international businesses through enhanced visibility



## CK Infrastructure's secondary listing on the LSE

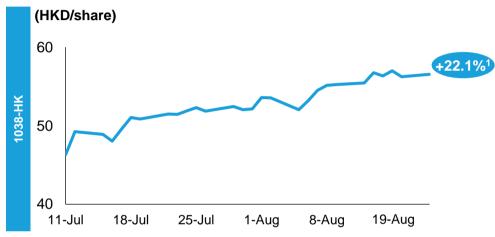
First new entrant to the Equity Shares (International Commercial Companies Secondary Listing) category following implementation of the new FCA rules on 29 July 2024

#### Listing overview

Note:

Issuer	CK Infrastructure Holdings Limited
Transaction type	<ul> <li>Listing by introduction – no offering of shares</li> </ul>
Admission & trading	<ul> <li>19 August 2024</li> </ul>
Listing	<ul> <li>London Stock Exchange – Main Market</li> <li>FCA Official List – Equity Shares (International Commercial Companies Secondary Listing) category</li> </ul>
Use of proceeds	<ul> <li>No fundraising at the time of listing</li> </ul>
Offer structure	<ul> <li>In order for shares to be traded on the LSE, CREST depositary interests representing the underlying shares will be issued by Computershare Investor Services PLC (in its capacity as the Depositary) (on a one-for-one basis) to persons who wish to transact in the shares of CKI in electronic form within the CREST system</li> </ul>
Share capital	<ul> <li>Shares admitted to trading are the 2,519,610,945 issued ordinary shares with a nominal value of HKD1.00 each</li> </ul>
Lock-up	<ul> <li>No company or shareholder lock-ups or other specific contractual or regulatory restrictions on future sale of shares</li> </ul>
Listing agent	• HSBC

#### Share price from voluntary announcement to admission



#### Key benefits of the secondary listing on LSE

- 1 Benefits CKI's geographically diverse shareholder base
- 2 Assists in building CKI's profile
- 3 Provides a greater market for trading in CKI's shares

Enables the option to raise capital either on the SEHK or LSE in the future, depending on investor demand



1. Representing the change in share price of CKI on SEHK (1038-HK) as of 19 Aug 2024, compared to the closing price on 11 Jul 2024 immediately before the voluntary announcement

# Our sustainability approach



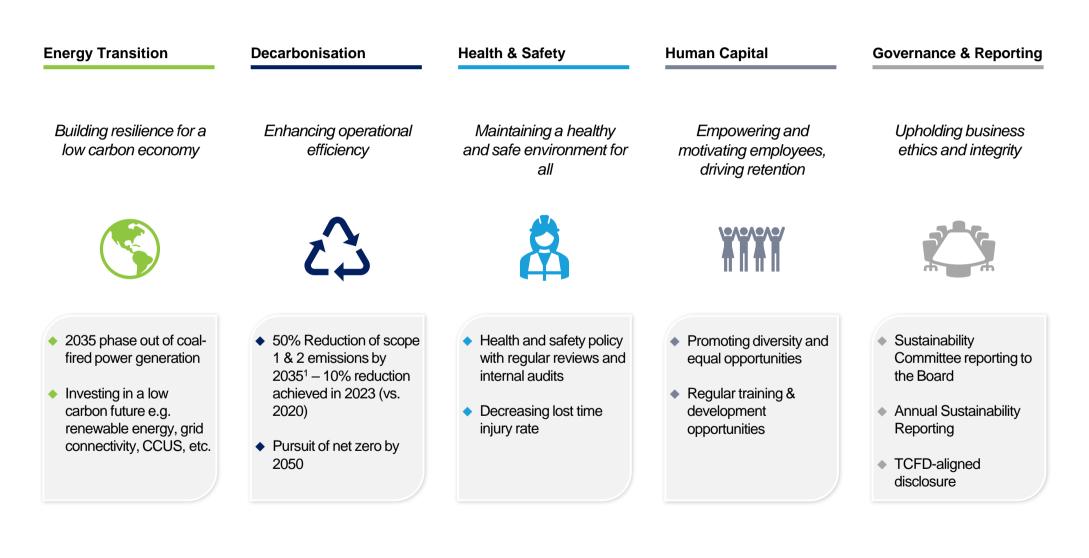
**Chris CHAN** 

Group Sustainability Officer





## CKI delivering a comprehensive approach to sustainability

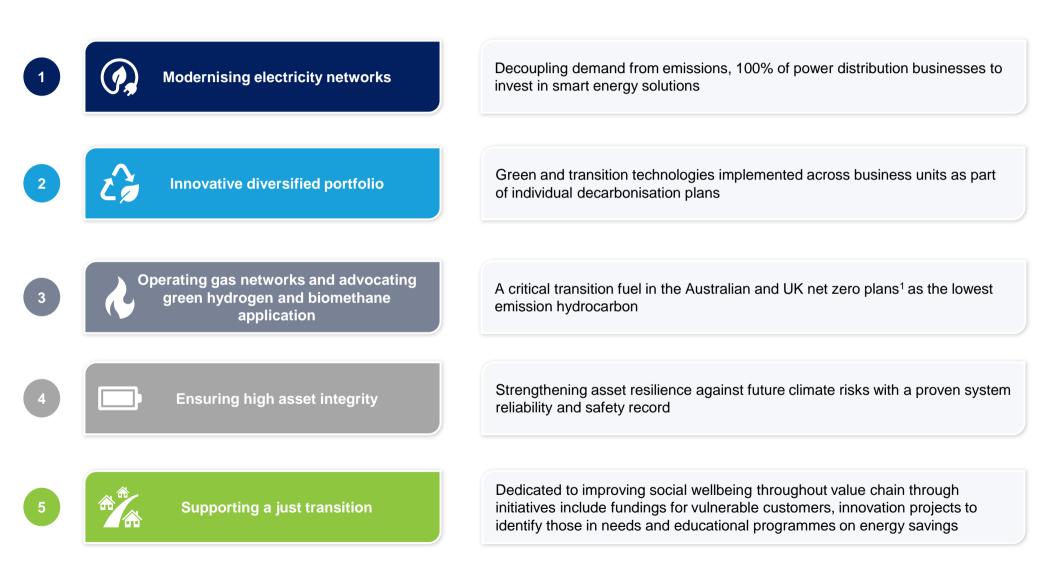


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## CKI plays a critical role in energy transition, delivering low-carbon solutions



Note:

<sup>1.</sup> As set out in Australia's Future Gas Strategy (May 2024), gas will support the economy's transition to net zero. In the UK, its Energy Security Plan (April 2023) denotes that natural gas will continue to play a critical but different role in our energy system for decades to come.



## Well-positioned to deliver the transition to a low-carbon economy

Select case studies

## Leading hydrogen economy



- Hydrogen Park South Australia is the first Australian project to blend renewable hydrogen gas in the existing network
- 21,347kg of CO2 emissions avoided since commencement of park in May 2021





- Reducing sulfur hexafluoride (SF6), a potent GHG, through replacement of switchgears
- First "clean air" Gas Insulated Switchgear (GIS) operating at 132,000 volts for a more sustainable electric grid

## **Clean energy facilities**



- One of the largest landfill gas operators in the US
- Total generating capacity has increased by 27% to 1.2GWe plus green project growth of 39% since acquisition

## Robust gas portfolio for future gas supply

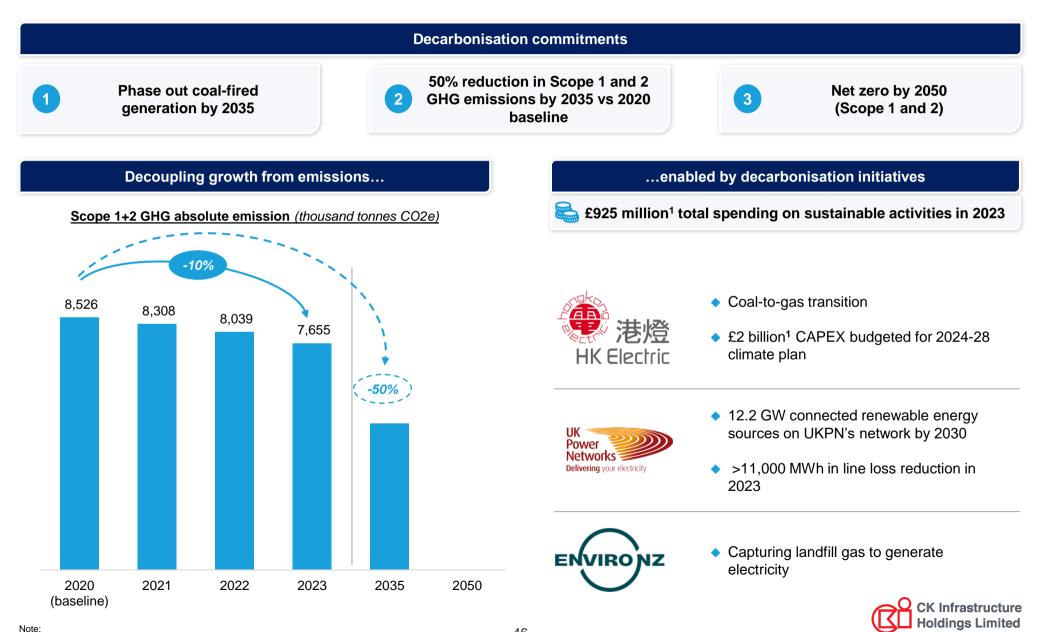
Newly acquired in April 2024



- Largest natural gas distribution network in Northern Ireland a country that still relies heavily on fuel oil for heating
- Supporting renewable gas solutions, such as hydrogen and biomethane

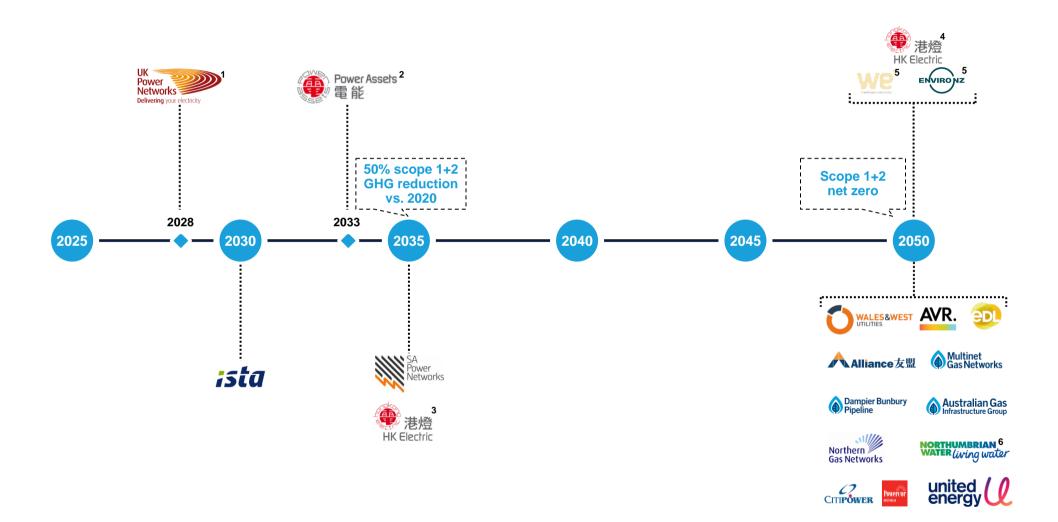


## Clear decarbonisation plan and significant reduction achieved to date



## **Clear net-zero pathway**

Each business unit has a tailored net zero plan, contributing to the Group's 2050 net zero target



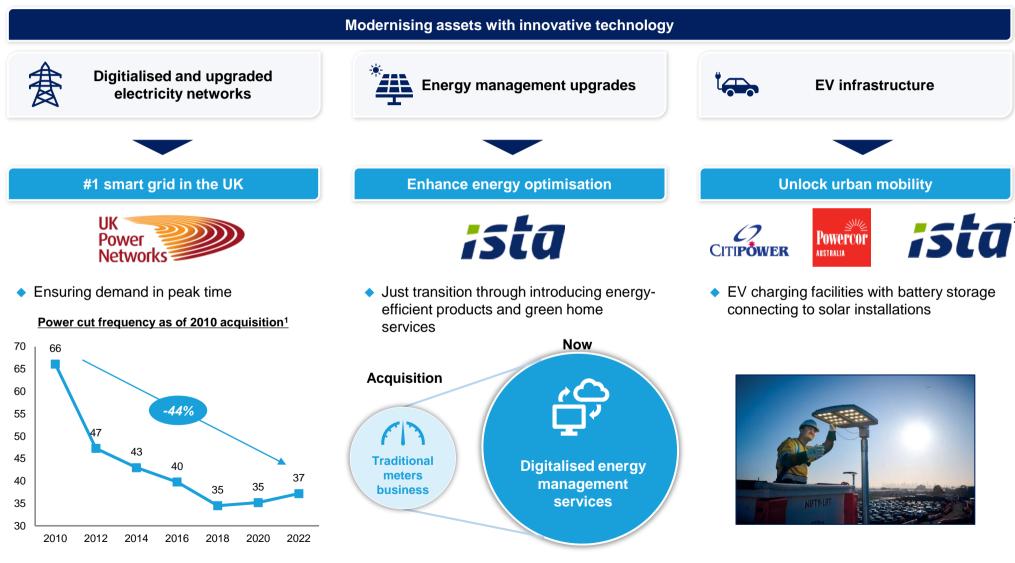
#### Notes:

- 1. UKPN's controllable business carbon footprint (BCF)
- 2. Phasing out gas-fired generation with Power Purchase Agreement expiry in 2033 at Ratchaburi Power
- 3. Phasing out coal-fired generation
- 4. Supporting the HKSAR government to achieve carbon neutrality goal before 2050
- 5. Supporting the New Zealand Government's Zero Carbon Act to reach net zero by 2050
- 6. Net zero (including scope 3)





## Modernised infrastructure with increased operational efficiency



Notes:

1. Power cut frequency in terms of customer interruptions per 100 customers

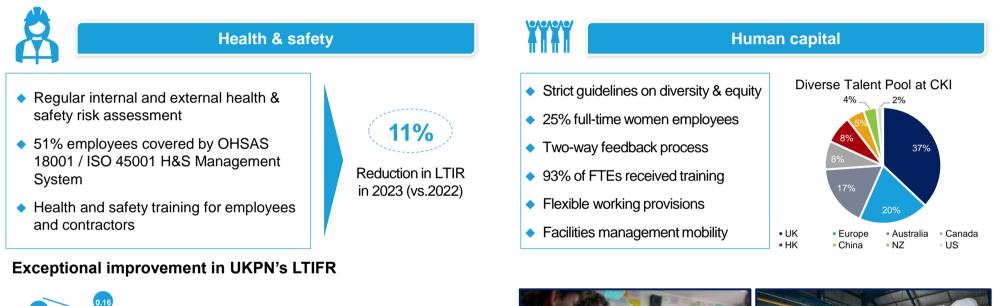
2. Post acquisition of Frankfurt based EV charge points B2B provider Chargemaker GmbH

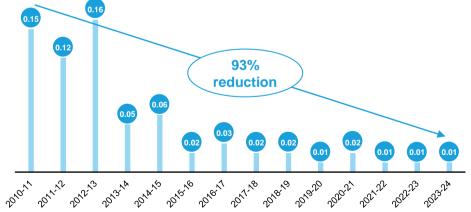
**CK Infrastructure** 

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## Fostering a safe, engaged and motivated taskforce

Range of initiatives and systems to ensure health and safety, welfare and development of employees & contractors





Lost time incident frequency rate (per 100,000 hours)<sup>1</sup>





Source: RIIO-ED1 Business Plan Commitments Report 2022/23, CKI Sustainability Report 2023

 2023/24 figures presented are provisional based on UKPN's regulatory submission at the date the accounts are signed

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# How CKI delivers financially



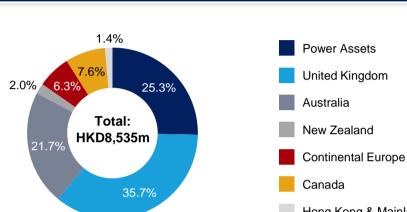
## **Dominic CHAN**

Chief Financial Officer and Executive Director





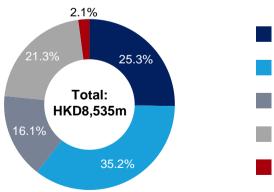
## Sustainable and diversified earnings

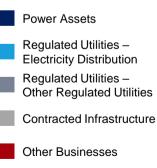


Profit contribution<sup>1</sup> by geographic region (2023)

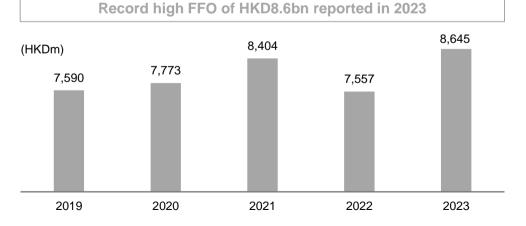
#### A balanced cash flow portfolio (2023) (HKDm) Dividend 2,449 8,645 coverage ratio ~1.3x 6.400 2,351 3.845 Net cash from Dividends Dividends Funds from Dividends paid operating received from received from Operations (FFO) to CKI activities associates joint ventures shareholders

Profit contribution<sup>1</sup> by business segment (2023)





**FFO trend from 2019 to 2023** 





Hong Kong & Mainland China

Note:

Profit contribution represents profit attributable to shareholders of the Company before unallocated items 1.

## Solid balance sheet

**Credit rating:** 

A / Stable

by S&P

#### Key strengths:

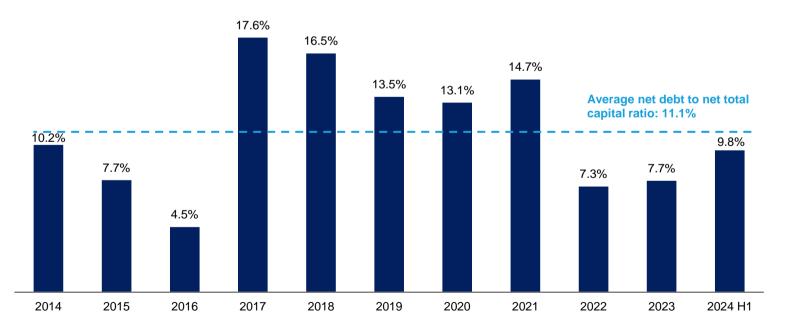
- Geographically diversified utility and infrastructure assets primarily in several developed markets
- Stable and predictable income under a transparent regulatory framework shielding the company from high interest rates and inflation
- Affiliates are leaders in the regulated utilities industry
- The company's healthy balance sheets and access to ample capital resources from the wider group can provide them edge against players with higher leverage

#### Latest financial metrics



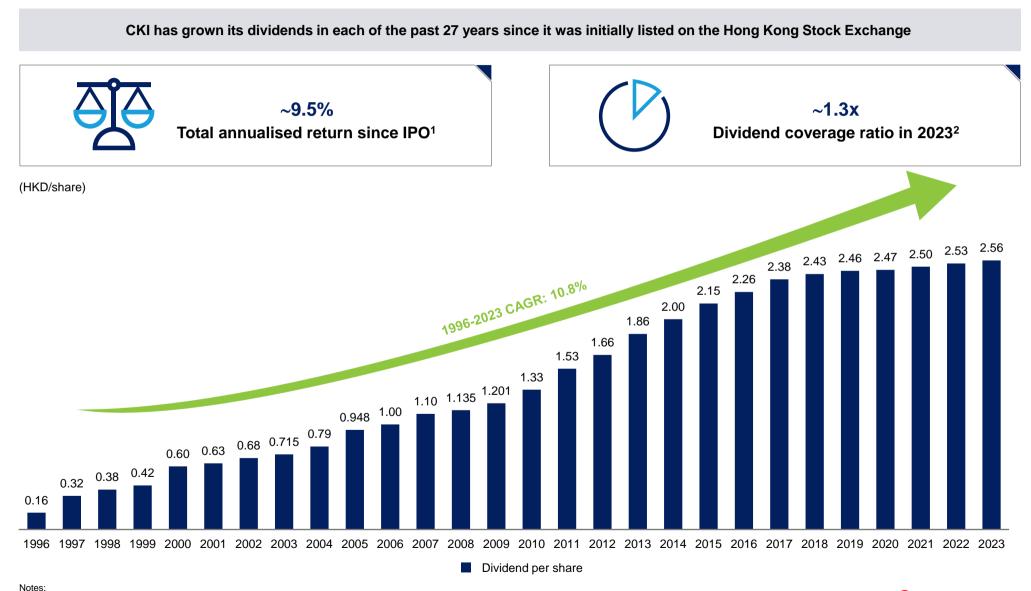


## Disciplined leverage management





## Growing and sustainable cash returns to shareholders





#### 1. Bloomberg

2. Calculated as profit attributable to CKI shareholders (HKD8,027m) / dividends paid to CKI shareholders (HKD6,400m)

## **Funding strategy**

#### Strong banking relationships

- Able to attract a broad range of funding and is well-٠ supported by CKI's lending banks
- Able to raise a significant amount of capital when required ٠

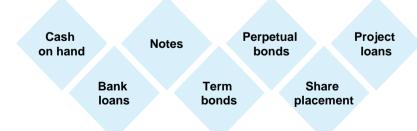


Loan facilities of up to AUD1.55b arranged for acquisition of DUET in 2017

#### Financially independent international businesses

- Strong stand-alone credit profiles and access to financing in various markets •
- Not heavily reliant on CKI for funding or financial guarantees
- Well-supported by lending banks •
- In 2024 YTD, over USD2.3bn equivalent (2023 FY: USD2.9bn) financing transactions conducted by international businesses
- Able to raise a significant amount of capital when required ٠





Reliance ome comfort\*

CAD400m senior secured notes issued in May 2024



AUD495m green bond issued in May 2024

NORTHUMBRIAN WATER (iving water

GBP350m notes issued in Apr 2024 CITIPOWER

AUD450m bond issued in Mar 2024



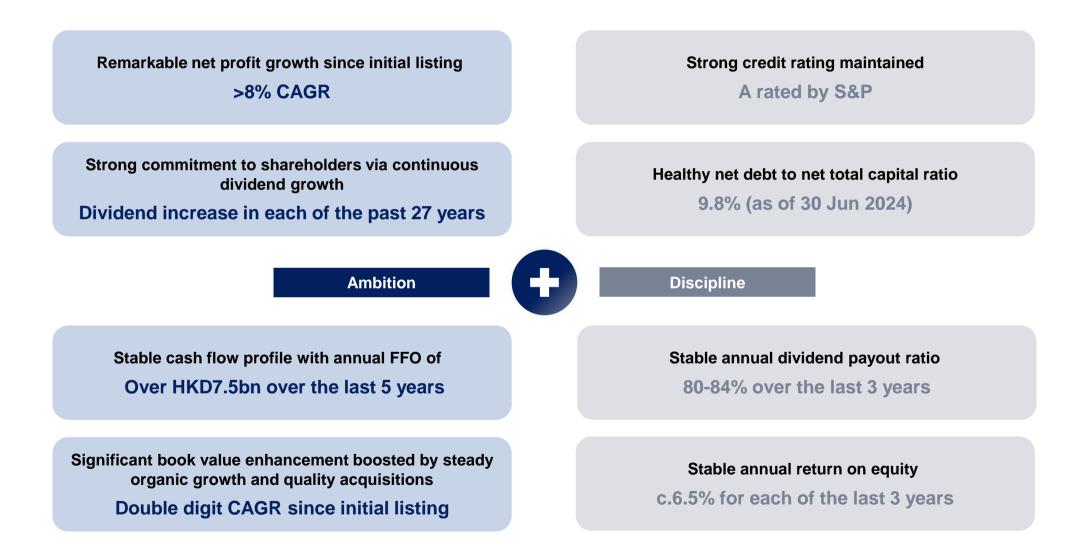
GBP350m green bond issued in Feb 2024

Husky Midstream





## **Our financial model**





# **Closing remarks**



# Andy HUNTER

Deputy Managing Director and Executive Director





## **Closing remarks**

Track record of value Ambition and **Unparalleled scale Resilient portfolio** accretive acquisitions excitement for future growth and P disciplined financial management >70% of profit generated from One of the world's largest global >30 acquisitions completed with infrastructure companies regulated utilities and a total enterprise value of contracted infrastructure >USD60bn since CKI's listing on businesses with predictable and SEHK recurring cash flows Asset management Sustainable dividend growth Solid balance sheet Ŧ 60 Proven track record of driving Growth of dividend for 27 As proven by "A" credit rating efficiency and improving and single-digit gearing ratio consecutive years performance across the portfolio **CK Infrastructure Holdings Limited** 

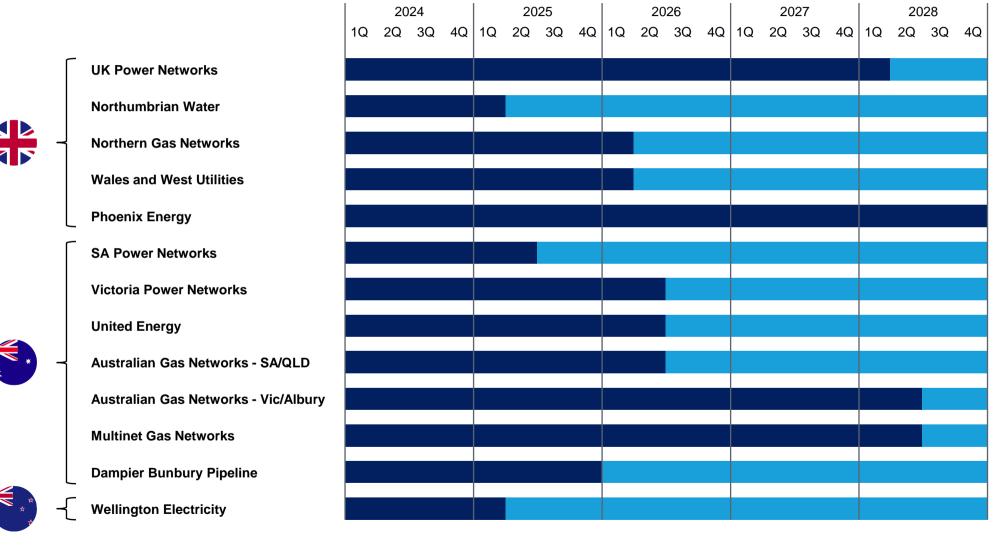


# Appendix Profiles of portfolio businesses





## Summary of regulatory resets timetable



Current price control period

Future price control period



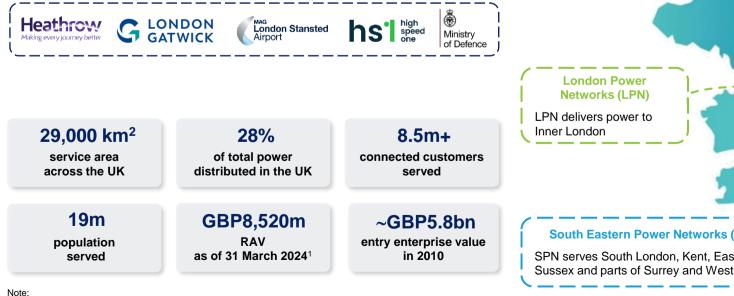
# **Overview of Regulated Utilities – Electricity Distribution**

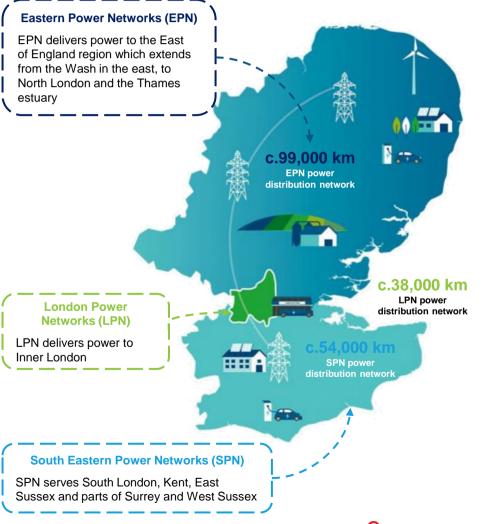
## **UK Power Networks**





- One of the largest power distribution network operators in the United Kingdom. It owns, operates and manages three regulated power distribution networks across London, the Southeast and the East of England
- UK Power Networks also has a commercial arm that is not regulated by Ofgem, which manages private energy networks and develops, delivers and manages high-voltage electrical and multiutility networks for owners of major infrastructure
- In May 2024, it acquired SEEIT SOL Limited (commonly known as UU Solar and renamed Powerlink Renewable Assets), a UK-based renewable portfolio supplying renewable electricity as the latest addition to its non-regulated portfolio
- Major private networks clients:





**CK Infrastructure** 

Holdings Limited

According to UK Power Networks' annual report for the year ended 31 March 2024 (provisional at the 1 date the accounts were signed)

# **Overview of Regulated Utilities – Electricity Distribution (cont'd)**

## SA Power Networks and Victoria Power Networks

#### Overview of SA Power Networks



 SA Power Networks is engaged in building, extending, maintaining and upgrading the South Australian power distribution network

#### 900,000+

residential and business customers

Notes

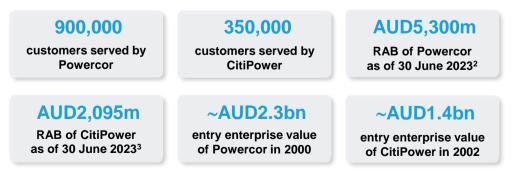
AUD4,942m

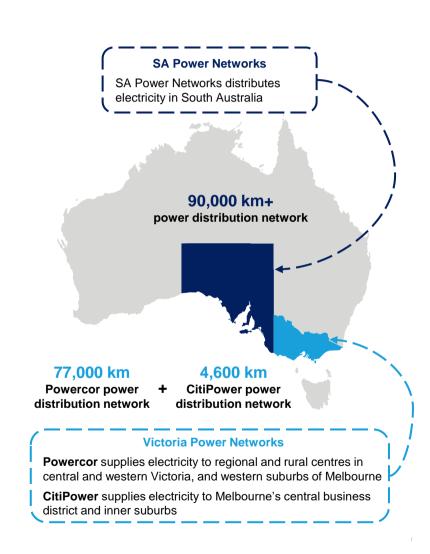
RAB as of 30 June 2023<sup>1</sup> ~AUD3.4bn entry enterprise value in 2000

#### Overview of Victoria Power Networks



- Victoria Power Networks is the holding company of Powercor and CitiPower which own and operate power distribution networks in the state of Victoria
- Victoria Power Networks also operates a range of non-regulated services including under the trading name of Beon Energy Solutions, a leader in the design, construction and maintenance of large-scale renewable energy and infrastructure projects in Australia and New Zealand







- 1. According to SA Power Network's Regulatory Information Notice published by AER
- 2. According to Powercor's Regulatory Information Notice published by AER

3. According to CitiPower's Regulatory Information Notice published by AER

# **Overview of Regulated Utilities – Electricity Distribution (cont'd)**

United Energy and Wellington Electricity

## **Overview of United Energy**



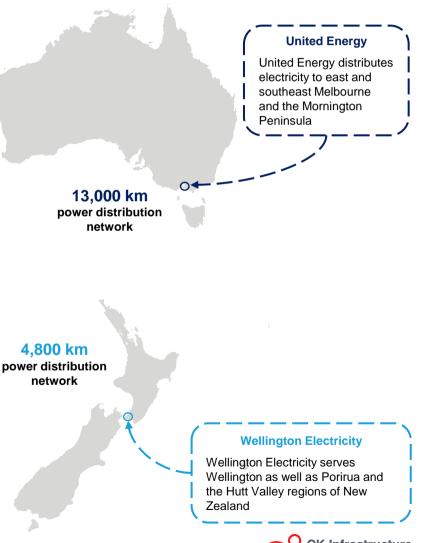
- United Energy is one of the major power distribution networks in Victoria
- United Energy was 66.0% owned by ASX-listed DUET Group before the privatisation by CK Group in 2017. DUET Group also owns 100.0% shareholding in Multinet Gas Networks, 100.0% shareholding in Dampier Bunbury Pipeline and 100.0% shareholding in EDL<sup>1</sup>



NZD847m RAB as of 31 March 2024<sup>3</sup>

## ~NZD785m

entry enterprise value in 2008



CK Infrastructure Holdings Limited

#### Notes:

- 1. Refer to p.65 and p.67 for further details on Multinet Gas Networks, Dampier Bunbury Pipeline and EDL
- 2. According to United Energy's Regulatory Information Notice published by AER
- 3. According to Wellington's Electricity Distribution Information Disclosure Determination

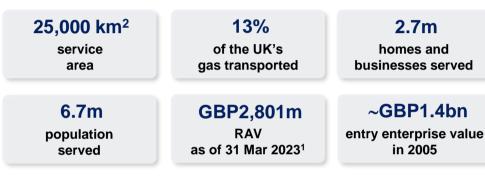
## **Overview of Regulated Utilities – Other Regulated Utilities**

## Northern Gas Networks and Wales & West Gas Networks

## Overview of Northern Gas Networks



 Northern Gas Networks operates, maintains, repairs and develops the North of England gas distribution network in the United Kingdom. It is one of the eight gas distribution networks in Great Britain

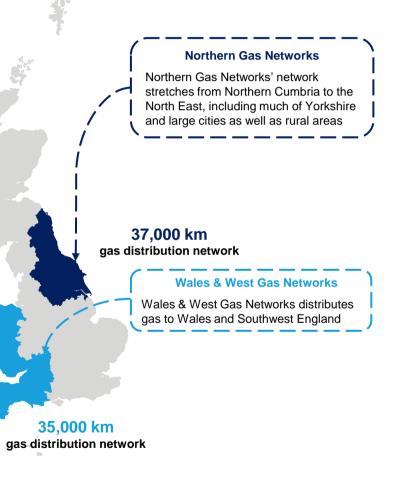


**Overview of Wales & West Gas Networks** 



 Wales & West Gas Networks is the holding company of Wales & West Utilities, one of the eight gas distribution networks in Great Britain. It services Wales and Southwest England







According to Norther Gas Networks' regulatory financial performance report

2. According to Wales & West Gas Networks' regulatory financial performance report

## Overview of Regulated Utilities – Other Regulated Utilities (cont'd)

## Northumbrian Water and Phoenix Energy

#### **Overview of Northumbrian Water**

#### **NORTHUMBRIAN** WATER living water

- Northumbrian Water is one of ten regulated water and sewerage companies in England and Wales, which operates water supply, sewerage and wastewater services in England
- In November 2021, regulators in the UK announced investigations into all water and wastewater companies in England and Wales, including Northumbrian Water regarding the improper release of sewage discharges into rivers and watercourses
  - In August 2024, as part of its proposed decision, Ofwat proposed a fine of GBP17.0m for Northumbrian Water
  - Ofwat is now consulting on the proposed fine and proposed enforcement orders. which may require Northumbrian Water to take additional action to ensure it is compliant with the legal and regulatory obligations that Ofwat has outlined

1.3m+	2.7m	794,000+
properties covered Northeast England	population covered in Northeast England	properties covered in Southeast England
2.4m	GBP5,443m	~GBP4.8bn

population covered in Southeast England

in

Notes:

# GBP5,443m

RCV as of 31 March 2024<sup>1</sup>

## **Overview of Phoenix Energy**

## **Phoenix**

Phoenix Energy was established in 1996 and is the largest of three gas distribution network operators licensed to operate in Northern Ireland

250,000+

properties covered

650,000

#### population covered

~GBP0.8bn

794,000+

entry enterprise value

in 2011

entry enterprise value in 2024

#### **Phoenix Energy**

Phoenix Energy operates the gas distribution network in the Greater Belfast, Larne, East Down and Whitehead areas in Northern Ireland

#### Northumbrian Water (Northeast England)

It provides water and sewerage services to the major population centres of Tyneside, Wearside and Teesside, and large rural areas in Northumberland and County Durham (provision of wastewater services only in Hartlepool)

4.000 km gas distribution network 26,000 km 30.000 km water mains

#### Essex & Suffolk Water<sup>2</sup> (Southeast England)

It provides water services to two separate supply areas. Essex area is part rural and part urban with the main areas of population being in Chelmsford, Southend and the London Boroughs of Barking and Dagenham, Havering and Redbridge. Suffolk area is mainly rural with the biggest towns being Great Yarmouth and Lowestoft



sewers

According to Northumbrian Water's annual report for the year ended 31 March 2024

Essex & Suffolk Water is the trading name of Northumbrian Water in Southeast England

## Overview of Regulated Utilities – Other Regulated Utilities (cont'd)

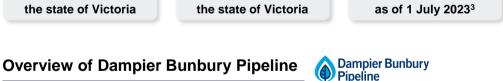
Australian Gas Networks, Multinet Gas Networks and Dampier Bunbury Pipeline

**Overview of Australian Gas Networks** 



- Australian Gas Networks is one of the largest natural gas distribution companies in Australia, serving 1.4m customers across 5 states in Australia
- CK Group completed the takeover of Envestra Limited in 2014, which was renamed Australian Gas Networks





As part of the DUET Group acquired in 2017, Dampier Bunbury Pipeline is a gas transmission pipeline connecting the Carnarvon/Browse Basins with Perth

1 PJ+	10	AUD3,370m
of energy delivered	compressor	RAB
per day	station sites	as of 1 Jan 2021⁴

#### Notes:

- According to Australian Gas Networks (South Australia)'s Regulatory Information Notice published by the AER
- According to AER's Final Decision on Australian Gas Networks (Victoria & Albury)'s 2023-2028 gas distribution 2. access arrangement
- According to AER's Final Decision on Multinet Gas Networks' 2023-2028 gas distribution access arrangement 3.

- Australian Gas Networks Australian Gas Networks serves customers across South Australia, Victoria, Queensland, New South Wales, and Northern Territory Dampier 3.000 km 26,000 km total length of gas distribution networks the pipeline including 1.000 km looping and lateral gas transmission pipelines pipelines Bunbury 10.000 km gas distribution networks **Dampier Bunbury Pipeline Multinet Gas Networks** Dampier Bunbury Pipeline links the gas **Multinet Gas Networks** fields in the Carnavon Basin off the distributes gas to eastern Pilbara coast and the Perth Basin to and southeastern suburbs of Melbourne, the Yarra mining, industrial and commercial customers as well as to residential Ranges and South customers Gippsland
- 4. According to the access arrangement information for the Dampier to Bunbury Natural Gas Pipeline — 2021 to 2025 as approved by the ERA

65



## **Overview of Contracted Infrastructure**

## Eversholt UK Rails and Seabank Power

**Overview of Seabank Power** 



- Seabank Power is an electricity-generating company located near Bristol. It owns and operates Seabank Power Station
- The electricity is sold under long-term contracts to SSE plc

2 combined cycle gas turbine generation units 1,140 MW aggregate capacity

~GBP424m entry enterprise value in 2010

#### Overview of Eversholt UK Rails

EVERSHOLT RAIL GROUP

- Eversholt UK Rails is one of the three major rolling stock owning companies that were established at the time of privatisation of the UK rail industry
- Eversholt UK Rails leases mostly regional, commuter and high-speed passenger trains as well as a few freight locomotives, on long-term contracts to train and freight operating companies





Seabank Power Station



Class 168 (Diesel multiple units)



Class 66 (Freight)



Class 395 (Electric multiple units )



Class 91 (Intercity and coaching stock)



# **Overview of Contracted Infrastructure (cont'd)**

# EDL and Enviro NZ

**Overview of EDL** 



- As part of the DUET Group acquired in 2017, EDL is a leading global producer of sustainable distributed energy, owning and operating a global portfolio of power and gas facilities
- It specialises in helping customers decarbonise their businesses by providing innovative and reliable energy solutions including:
  - in remote and off-grid areas, with an increasing focus on hybrid renewable power \_ stations that use a mix of wind, solar and battery
  - taking waste gases from landfills and underground coal mines to produce electricity
  - producing renewable natural gas from landfills



- Enviro NZ is a diversified, vertically integrated waste management business that has national coverage in New Zealand
- It is one of the largest vertically integrated waste collection and disposal companies operating throughout New Zealand, offering waste-related services to commercial and residential customers

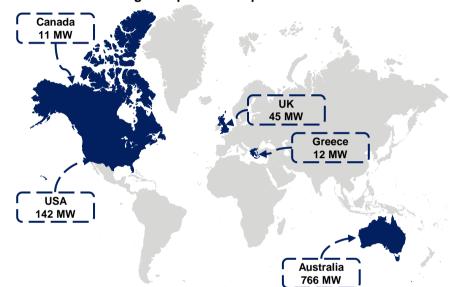
0.5m

commercial and residential customers

#### 40% general waste volumes in Greater Auckland covered by the Hampton Downs facility

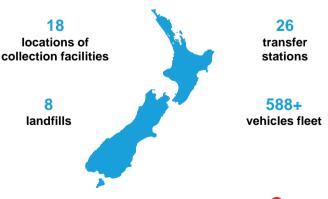
~NZD0.5bn

entry enterprise value in 2013



# A global portfolio of power stations

#### Nationwide coverage across New Zealand





# **Overview of Contracted Infrastructure (cont'd)**

Dutch Enviro Energy, ista and Reliance Home Comfort

## Overview of Dutch Enviro Energy **AVR**.



- Dutch Enviro Energy owns AVR, one of the largest energy-from-waste players in the Netherlands
- AVR is principally engaged in the business of waste processing and the production and supply of sustainable energy from the incineration of waste in the Netherlands, operating 5 waste treatment plants in Rozenburg and Duiven
- In September 2023, AVR had a major fire at its waste-to-energy plant in Rozenburg. The damage caused by the fire is expected to be largely covered by insurance, and its boilers are expected to start ramping up operations from Q4 2024

**Overview of ista** 



- ista is a leading global provider of fully integrated sub-metering services for heat and water. ista's major markets are Germany, France, the Netherlands and Denmark
- ista's product offerings comprise: ٠
  - Energy efficiency (sub-metering): range from hardware development, manufacturing, installation and maintenance to meter reading, individual billing, data collection and processing, as well as energy data management
  - Other building services: provision of smoke alarms, humidity sensors, EV charge points, drinking water analyses, leakage detection and energy performance certificates

#### **Overview of Reliance Home Comfort**



- Reliance Home Comfort business principally engages in the building equipment service sector, offering the sale and rental of water heaters, HVAC (Heating, Ventilation, and Air Conditioning) equipment, water purification services, heat pumps and EV chargers
- In addition, Reliance also provides plumbing and electrical services, smart home solutions, and comfort protection plans to customers
- Reliance Home Comfort has operations in Ontario, Manitoba, Saskatchewan, Alberta and British Columbia in Canada as well as Georgia and Florida in the U.S:

2,109 kton 2.300 kton energy-from-waste total residual waste capacity per year processed in 2022 7.8 PJ ~EUR940m total energy output entry enterprise value in 2022 in 2013 20 +14m+ countries with dwellings presence served ~EUR6.0bn 60m+ installed measuring entry enterprise value devices in 2017 7 2.0m +customers Canadian provinces and US states with presence served **CAD390m** 

add-on acquisitions

executed

~CAD4.6bn entry enterprise value in 2017



# **Overview of Contracted Infrastructure (cont'd)**

## Canadian Power and Canadian Midstream Assets

#### **Overview of Canadian Power**



- Canadian Power owns the below power generation assets across Canada:
  - 49.99% interest in TransAlta Cogeneration, L.P., which has ownership stakes in 4 electricity generation plants with a total capacity of approximately 1,064 MW
  - 100% interest in the Meridian Cogeneration Plant with an installed capacity of 220 MW (under a long-term power purchase agreement with Saskatchewan Power Corporation and a long-term steam supply contract with Cenovus Energy Inc., both lasting until 2025)
  - 100% interest in Okanagan Wind with a capacity of approximately 30 MW (under a power purchase agreement with the British Columbia Hydro and Power Authority till 2057)

52~CAD630mpower plantswind farms in<br/>British Columbiaentry enterprise value<br/>in 2007

## **Overview of Canadian Midstream Assets**



- Canadian Midstream Assets is a portfolio of crude oil pipelines, crude oil storage facilities, as well as natural gas infrastructure assets in Canada
- Under the relevant arrangements, CKI and Power Assets are entitled to certain preferential rights in relation to the distributions from the business

## 409,000 barrels

daily pipeline gathering system capacity

## 12

customers served by its crude oil pipeline

~CAD2.3bn entry enterprise value in 2016

#### **Canadian Power's facilities**

Facility	Canadian Power's stake	Province	Installed Capacity
Sheerness Generating Station	25%	Alberta	800 MW
Fort Saskatchewan Cogeneration Plant	30%	Alberta	118 MW
Ottawa Cogeneration Plant	50%	Ontario	74 MW
Windsor Cogeneration Plant	50%	Ontario	72 MW
Meridian Cogeneration Plant	100%	Saskatchewan	220 MW
Okanagan Wind	100%	British Columbia	30 MW



#### Canadian Midstream Assets

It owns oil pipelines and storage facilities, and natural gas infrastructure assets in Alberta and Saskatchewan

#### 2,300 km

crude oil pipelines

#### + 6m

barrels of oil storage capacity across 2 terminals



## **Overview of Other Businesses**

## Park'N Fly and Toll Roads

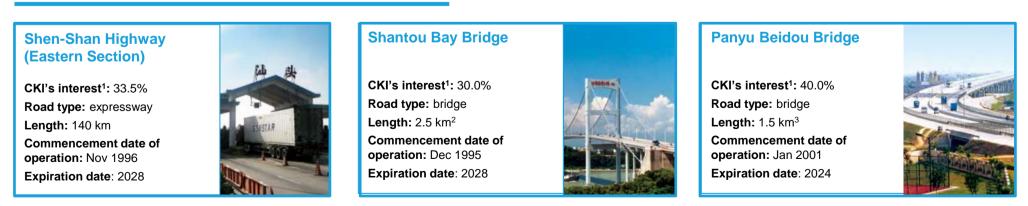
## Overview of Park'N Fly



- Park'N Fly is Canada's leading off-airport car park company with operations in 7 Canadian cities - Vancouver, Edmonton, Winnipeg, Ottawa, Toronto, Montreal, and Halifax
- Park'N Fly provides either a self-park or valet option or both, plus a host of vehicle-related services such as detailing and oil change services

7	13	~CAD381m
Canadian cities with operations	parking facilities across Canada	entry enterprise value in 2014

#### Overview of CKI's toll road business in Mainland China



Notes:

- This represents the Group's contribution to the total investment of each project in the form of registered 1 capital contribution and shareholders' loans
- The toll bridge including the approach roads is approximately 6.5 km in length 2.
- The toll bridge including the approach roads is approximately 2.6 km in length 3.



**CK Infrastructure** 

oldings Limited

# **Overview of Other Businesses (cont'd)**

## Infrastructure-related business

**Overview of Green Island Cement** 

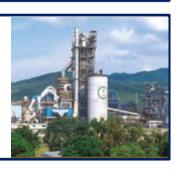


Location: Hong Kong Business: the only fully integrated cement producer in Hong Kong CKI's interest: 100% Capacity: Clinker - 1.5m tonnes per vear: Cement grinding - 2.5m tonnes per year

#### **Green Island Cement (Yunfu)**

Location: Yunfu, Guangdong, China **Business:** cement production CKI's interest: 100% Capacity: Clinker - 2m tonnes per year; Cement grinding - 1.5m tonnes per year; waste heat regeneration system - 9 MW

## Overview of Alliance Construction Materials Alliance友盟



**Green Island Cement** 

洲棘靴

Alliance (50%-owned by CKI) is Hong Kong's largest producer of concrete and aggregates and account for approximately 25% of the concrete market share and 50% of the aggregates market share

## 4m cubic metres

annual production capacity of concrete

#### 7m tonnes

annual production capacity of aggregates



Location: Yunfu, Guangdong, China Business: cement production CKI's interest: 67% Capacity: Clinker - 1m tonnes per year; Cement grinding - 1.5m tonnes per year



#### Yunfu Xiangli Cement

Location: Yunfu, Guangdong, China Business: cement production, jetty CKI's interest: 100%

**Capacity:** Cement grinding – 1m tonnes per year: Jetty – 3 berths with an annual throughput capacity reaching 3m tonnes



## Overview of Anderson Asphalt A A L <sup>安達臣 瀝 青</sup>

Anderson (100%-owned by CKI) is one of Hong Kong's market leaders in the production and laying of asphalt

## 0.5m+ tonnes

annual production capacity of asphalt

#### 0.15m tonnes

annual recycling capacity of asphalt



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