



17 August 2022



COVER STORY

**ASIA RENEWABLES:
BUILDING OUT**

A renewable energy surge is expected in the wake of Asia's various net-zero commitments. Investors are bullish on the macro but cautious on the detail.

[Read more](#)**SPECIAL ISSUE: ENERGY TRANSITION**

Q&A

DANIEL CHENG OF BROOKFIELD ASSET MANAGEMENT

Brookfield Asset Management recently raised USD 15bn for a fund dedicated to global energy transition. Daniel Cheng, a managing director with the firm in Shanghai, maps out likely deployment.

[Read more](#)

ANALYSIS

ALTERNATIVE FUELS: BURNING QUESTIONS

From the landfill to the inside of atoms, the alternative fuels angle on energy transition gives investors a range of risk profiles to consider. Developed economies are the primary playgrounds.

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CASE STUDY

ENERGY TOWNGAS

Towngas Smart Energy wants to offer solar solutions to its gas customers in China's industrial parks. Affinity Equity Partners is supporting the rollout.

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CASE STUDY

CRYPTO: EKTA

Crypto is an energy-guzzling industry. Bitcoin alone is estimated to consume 150 terawatt-hours of electricity a year, which is equal to Argentina.

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ANALYSIS

MOBILITY: BATTERIES AND BEYOND

The electrification of transportation has created a wealth of opportunities in energy saving and storage. Investors across Asia – led by China – are looking at batteries and other technologies.

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CASE STUDY

COSMETICS: AXILONE

Energy accounts for a relatively small portion of packaging producer Axilone's costs, but rising prices in Europe prompted Trustar Capital to accelerate transition efforts.

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CASE STUDY

LOGISTICS: GLP

GLP's sprawling warehousing and transport interests offer a unique view of energy permeating the logistics value chain. Tech and common sense are the primary maintenance tools.

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ANALYSIS

ENERGY START-UPS: DISENCUMBERING INCUMBENTS

Digital start-ups play a crucial role in energy transition and therefore represent a significant investment opportunity. The best approaches consider human nature and social themes as well as widgets.

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CASE STUDY

HEALTHCARE: HERMINA AND AIG

Healthcare is not a particularly energy-intensive industry, but specialists such as Quadria Capital are tightening up operations where possible at hospitals.

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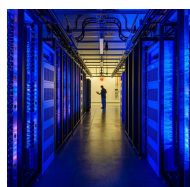
CASE STUDY

MANUFACTURING: BEYONICS

Precision manufacturer Beyonics has cut back on trucking, switched to gas-fired power, and automated factories – in the pursuit of efficiencies, not as part of a specific energy agenda.

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ANALYSIS

DATA CENTRES: SEEKING SUSTAINABILITY

With data driving increasing amounts of business activity, companies are paying more attention to energy sourcing and consumption at the facilities tasked with processing this information.

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CASE STUDY

CONSUMER PRODUCTS: THE ARNOTT'S GROUP

Having acquired Australian snacks producer The Arnott's Group under its long-dated strategy, KKR hopes to make an enduring impact through a sustainability agenda.

[Read more](#)

By the Numbers

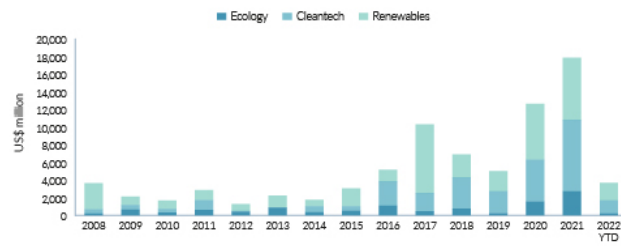
AVCJ RESEARCH

EV AND THE REST

PE investment in Asian ecology, cleantech, and renewables used to be characterised by infrequent big bets on wind and solar. This included a pre-global financial crisis surge in China driven by low-cost local manufacturing and foreign subsidies.

The landscape shifted in 2016 when investment surpassed USD 5bn for the first time. A year later, it topped USD 10bn and stayed there - the annual average for 2017-2021 is USD 10.5bn. It is another China-centric story, built initially on electric vehicles (EV) and then stretching along the EV value chain. Having historically played second fiddle to renewables, cleantech was the dominant category in four of the last six years.

Private equity investment in Asia ecology, cleantech, and renewables



Source: AVCJ Research

All of the trends featured here were sourced from AVCJ's proprietary database, AVCJ Research, featuring comprehensive information on private equity deals, fundraises and exits.

[Read more on AVCJ Research](#)

The AVCJ Weekly Digest will skip an issue next week. It returns on August 31.

The rest of the week

EXITS

- [Blackstone set for exit from New Zealand's Partners Life](#)
- [Navis exits medical cold chain player to US strategic](#)
- [Quadria plans full exit through Concord Biotech's India IPO](#)
- [Endeavour United exits Pizza Hut Japan](#)

DEALS

- [Thoma Bravo bids \\$740m for Australia's Nearmap](#)
- [India edtech player UpGrad raises \\$210m](#)
- [Bain targets \\$102m Japan advertising take-private](#)
- [China logistics robotics player Geek+ raises \\$100m](#)
- [ADIA commits \\$83m to India's Aditya Birla Health Insurance](#)
- [Cartesian seals deal for China rollout of restaurant chain Popeyes](#)
- [India's CleverTap raises \\$105m Series D](#)
- [Chinese investors back emerging markets e-commerce enabler](#)

OTHER

- [CPPIB puts \\$236m into Asia co-investments in second quarter](#)
- [China investigates Sino IC Capital executives](#)
- [Tech sector troubles hit Vision Fund performance](#)
- [Sequoia launches China accelerator](#)

For your calendar

UPCOMING EVENTS

- **7 September 2022** - [AVCJ Korea Forum](#)
- **13 September 2022** - [Infralogic Investors Forum - Japan](#)
- **14-15 September 2022** - [AVCJ Japan Forum](#)
- **13 October 2022** - [Debtwire Forum - Asia Pacific](#)
- **25-26 October 2022** - [AVCJ China Forum](#)
- **14 November 2022** - [AVCJ ESG Forum](#)
- **14 November 2022** - [Diversity & Inclusion Forum](#)
- **15-17 November 2022** - [AVCJ Private Equity & Venture Forum](#)
- **6 December 2022** - [Mergermarket M&A Forum - Hong Kong](#)



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