



# Make it happen

## Switch to cleaner, greener infrastructure



The infrastructure sector accounts for a substantial portion of Australia’s total greenhouse gas emissions, driven largely by fossil fuel consumption in energy generation and passenger and freight transport. As institutional investors increasingly consider environmental, social and governance factors in their investment decisions, infrastructure owners face new challenges in the way they manage the energy profile of their assets.

The CEFC is investing across the infrastructure sector, including social and economic assets, transport and electricity. Our finance is supporting best practice and market leading design, construction and operations.

### How infrastructure benefits

- Lower operating costs over the lifecycle of the asset
- Lower energy consumption, waste and carbon emissions through improved processes and asset design
- Operations insulated from volatile and rising energy prices
- Meaningful progress on ESG and climate risk strategies to meet investor preferences
- Enhanced community engagement through demonstrated action on emissions reduction

## Proven technologies for proven outcomes



### Change energy use

- Mode switching from road to rail
- Embedded utility networks
- Energy demand management technologies
- Installation of onsite solar PV and batteries at major facilities
- Integration of energy storage facilities



### Cut energy consumption

- Energy efficient construction methods
- Use of low emissions construction materials
- Achieve operational efficiencies through route optimisation
- Increase automation, drawing on real time data use
- Building efficiency upgrades, including lighting and heating, ventilation and cooling machinery



### Lower emissions

- Replace vehicle fleets with electric vehicles at airports, ports, transport and distribution assets
- Switch to hybrid and lower emissions plant and equipment
- Transition to biogas and biofuels
- Monitor insulator gas loss to minimise transport and distribution resistance loss
- Future proof assets to deliver resilient and sustainable infrastructure

# Flexible finance for complex investments



Infrastructure

The CEFC has a flexible approach to investment, recognising the different needs of asset owners, operators and investors, and the long-term investment horizons associated with infrastructure assets.

## 1. Direct Investments

Our direct investments in clean energy projects include debt and/or equity finance, tailored to the needs of individual projects.

## 2. Investment funds

We invest in new and established funds to co-deliver clean energy development in infrastructure, agriculture, property and more.

## 3. Debt markets

We are a leading investor in Australia's emerging green bonds market, creating new options for investors and developers.

## 4. Asset finance

We work with banks and co-financiers to deliver discounted finance to asset owners, businesses, farmers and manufacturers for smaller-scale clean energy investments.

## CEFC finance in action



### IFM Australian Infrastructure Fund

**CEFC equity commitment of \$150 million**

Australia's largest infrastructure fund, the \$12 billion IFM Australian Infrastructure Fund, is working with the CEFC to drive meaningful carbon emissions reductions across its portfolio. The fund is currently deploying emissions reduction projects across seven of its major assets, which include some of Australia's biggest and best-known ports, airports and electricity providers.



### Macquarie Infrastructure and Real Assets

**CEFC equity commitment up to \$100 million**

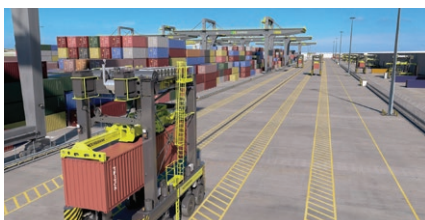
Macquarie Infrastructure and Real Assets is working with the CEFC to pursue emissions reduction and energy efficiency across its Australian infrastructure platform, including airports, electricity, ports, rail and water. CEFC's ESG considerations are embedded within the MIRA asset management framework, to assist assets identify and achieve meaningful emissions reduction, as well as improve operational performance and enhance services.



### Morrison & Co Growth Infrastructure Fund

**CEFC equity commitment up to \$150 million**

The specialist Morrison & Co Growth Infrastructure Fund is acquiring and developing a diverse range of essential assets, from hospitals to data centres, retirement and aged care accommodation to student housing and renewable energy. Over time the fund will look to progressively introduce science-based targets to build a zero emissions portfolio. It will also draw on relevant Australian-based sustainability standards to set best-practice sustainability goals.



### Qube intermodal terminal

**CEFC debt commitment up to \$150m**

Leading freight and logistics company Qube Holdings is developing Sydney's Moorebank Logistics Park to replace trucks with rail solutions for the distribution of containerised freight. The project includes a 40,000 square metre distribution warehouse with 3MW of rooftop solar. An onsite concrete crusher to recycle demolition concrete waste into paving material is cutting demand for new concrete as well as reducing the emissions associated with transporting the waste off site.

## About the CEFC

The CEFC has a unique role to increase investment in Australia's transition to lower emissions. With the backing of the Australian Government, we invest to lead the market, operating with commercial rigour to address some of Australia's toughest emissions challenges – in agriculture, energy generation and storage, infrastructure, property, transport and waste. We're also proud to back Australia's cleantech entrepreneurs through the Clean Energy Innovation Fund, and invest in the development of Australia's hydrogen potential through the Advancing Hydrogen Fund. With \$10 billion to invest on behalf of the Australian Government, we work to deliver a positive return for taxpayers across our portfolio.

[cefc.com.au](http://cefc.com.au)