

CLEAN ENERGY FINANCE CORPORATION

Ergon Energy Savers Plus Workshop
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August 2015



CEFC Mission

Accelerate Australia's transformation towards a more competitive economy in a carbon constrained world, by acting as a catalyst to increase investment in emissions reduction

Agenda

1. About the CEFC
2. Agricultural investment opportunities
3. Case studies



About the CEFC

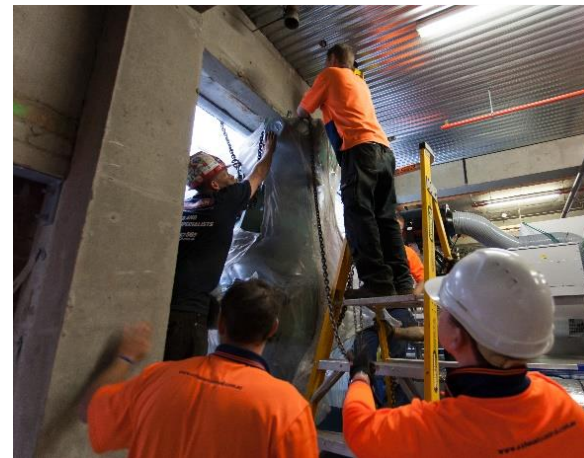
Facilitating increased flows of finance into clean energy in Australia

- Australian Government-owned corporation that operates like a traditional financier
- Finance for renewable energy, energy efficiency, and low-emissions technologies
- Access to \$2 billion a year over 5 years
- Tailors finance terms to accommodate specific project needs
- Can work on projects that are smaller, more complex or new to the Australian market
- Facilitate the participation of private sector banks by sharing our expertise, acting as a co-financier and pioneering new financing structures.



The CEFC works with business

- Commercial approach - with clear criteria and assessment of investment projects to build a sustainable investment portfolio.
- Partners with ARENA and financial institutions to co-finance
- Our job is to overcome financing barriers to clean energy in Australia:
 - From relatively new through to developed technology
 - Innovative financing structures



Clean Energy Finance Corporation

Helping drive Australia's push to a competitive clean energy economy

CEFC HIGHLIGHTS

\$1.4b

**TOTAL CEFC
COMMITMENTS**

\$3.5b

**TOTAL
PROJECT VALUE**

55

**DIRECT
INVESTMENTS**

34

**PROJECTS
CO-FINANCED**

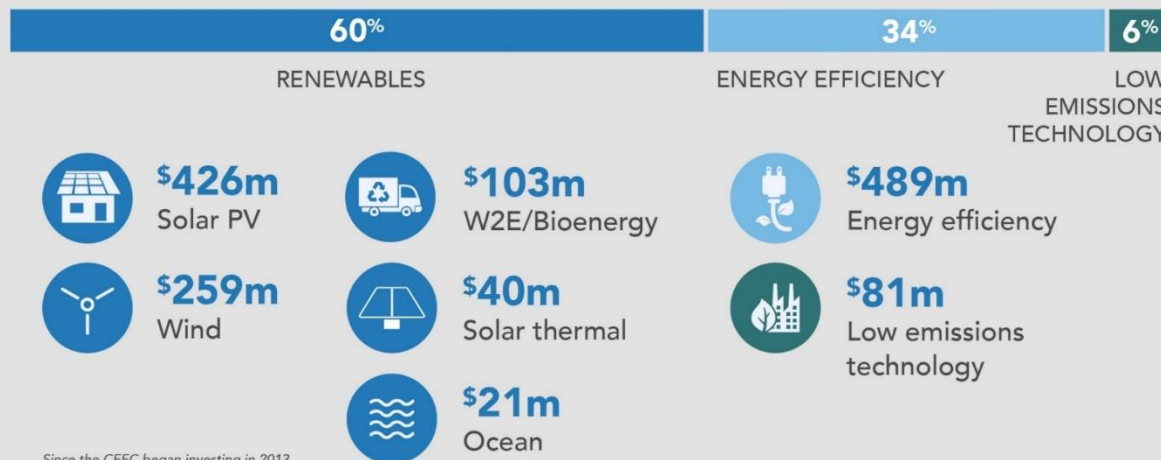
Since the CEFC began investing in 2013

The CEFC invests in a diverse range of technology

Clean Energy Finance Corporation

Helping drive Australia's push to a competitive clean energy economy

DIVERSE INVESTMENTS



Since the CEFC began investing in 2013

The CEFC is supporting agriculture

The CEFC has over \$300m in finance programs available to businesses for investments in equipment that will lower energy costs

- Irrigation motors, pumps and other equipment
- Heating, ventilation and air conditioning
- Lighting
- Processing equipment upgrades
- Refrigeration and cool stores
- Solar PV, solar hot water and heat pumps
- Variable speed drives
- More fuel efficient vehicles
- Waste diversion and waste-to-energy
- And more!



Image courtesy of Irrigation Australia

The CEFC is deploying innovative finance programs to help businesses invest in energy saving equipment

Addressing barriers to uptake of energy efficient equipment, solar and storage & green vehicles for businesses, government and households.



Cutting costs with more efficient refrigeration and freezing

Smart upgrades to refrigeration and freezing equipment can cut costs and improve business competitiveness.

Produce
coolstores



New ammonia water-cooled central plant and smart controls

Energy savings
of between
25-40%

Food
manufacturers



State of the art
industrial spiral
freezers

Increases in
refrigeration capacity
and reductions in
freezing times

Energy savings
of up to 55%

Cutting costs by investing in solar

Investing in solar can reduce reliance on the grid and provide a hedge against rising electricity prices

Produce
coolstore



100 kW solar PV
system

Along with fruit
sorting equipment
upgrade, will
reduce energy use
by 25 per cent

Beef
producer



Solar PV at 15 sites
across Queensland

Reduced grid
energy demand by
around 30 per
cent

Using waste to generate energy

Turning waste into onsite energy can offset grid electricity use & reduce costs

Egg
producer



Anaerobic digester
turning chicken
manure and other
waste to energy

Will provide 100% of
energy in non-peak
periods and save
more than \$250,000
per year

Meat
processor
and
exporter



Biogas and water
treatment plant

Saving more than \$1
million a year on
natural gas costs

Closing Remarks

- The CEFC is open for business.
- Agricultural businesses are taking up renewable energy & energy efficiency to cut costs, improve productivity and reduce energy risk.
- We're looking at a number of investment opportunities in Queensland, including in the agricultural sector.
- The CEFC has direct and indirect finance options to make funds available to Queensland agricultural businesses for renewable energy and energy efficiency.



YouTube

