



## CLEAN ENERGY PACKAGE

### AUSTRALIA'S CLEAN ENERGY FUTURE

Through the introduction of a carbon price and complementary measures, the Government is supporting Australia's clean energy future and the development and deployment of clean energy technologies.

#### ARENA

A new independent agency – the Australian Renewable Energy Agency (ARENA) – will be established incorporating measures currently managed by the Australian Solar Institute (ASI), the Australian Centre for Renewable Energy (ACRE), and the Department of Resources, Energy and Tourism. ARENA will consolidate a range of existing renewable energy measures and funding including:

- Solar Flagships Program
- ACRE Solar Projects
- Renewable Energy Venture Capital Fund
- Australian Biofuels Research Institute
- Low Emissions Technology Demonstration Fund (Solar)
- Connecting Renewables Initiative<sup>1</sup>
- Renewable Energy Demonstration Program
- Emerging Renewables Program
- Geothermal Drilling Program
- Australian Solar Institute
- Second Generation Biofuels Research and Development Program

ARENA will manage a total of \$3.2 billion in funding, with \$1.7 billion in uncommitted funding to be invested in renewable energy and enabling technology projects between now and 2020.

For further detailed information regarding ARENA please refer to the ARENA Fact Sheet.

#### Expanded Renewable Energy Target

The expanded 20 per cent by 2020 Renewable Energy Target (RET) is accelerating the widespread commercial deployment of renewable energy technologies. With a carbon price, the RET is expected to drive around \$20 billion (in today's dollars) in private sector investment by 2020. The RET is supporting both large scale renewable energy projects, such as wind farms and solar plants and small scale installations for households, small business and community groups.

#### Carbon Capture and Storage (CCS)

The CCS Flagships Program is funding research, development and demonstration in CCS – an important technology for the future of low emissions fossil fuel energy generation. The \$1.7 billion program is already funding the development of a detailed storage viability study for the Collie South West Hub project – an integrated CO<sub>2</sub> capture, transport and storage hub that has the potential to make significant CO<sub>2</sub> emissions reductions from industrial processing and power generation in Western Australia's South West.

The Government is also working with the Queensland and Victorian Governments to progress other CCS shortlisted Flagships projects in these states.

#### Clean Energy Finance Corporation

The Government will establish a \$10 billion commercially oriented Clean Energy Finance Corporation to invest in businesses seeking funds to get innovating clean energy proposals and technologies off the ground. A variety of funding tools will be used to support projects, including loans on commercial or concessional terms and equity investments.

The CEFC will invest in energy efficiency and low emissions technologies<sup>2</sup>, as well as the manufacturing businesses that provide inputs for these sectors (for example, manufacturing wind turbine blades).

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<sup>1</sup> ARENA will only administer the unallocated Connecting Renewables funding, and responsibility for managing the existing conditional commitment associated with this program will remain with the Department of Resources, Energy and Tourism.

**Other Measures to support our clean energy future**

The Government's package of measures to support market stability, energy security and transition in our electricity generation sector will help us move to a clean energy future. This includes the Energy Security Fund, which will seek the closure of around 2,000 megawatts of highly emissions intensive generation capacity by 2020 to transition to cleaner replacement capacity.

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<sup>2</sup> The CEFC will support low emission technologies other than CCS, which will continue to be supported through the CCS Flagships Program.