



Australian Government

Department of the Environment and Energy

Opportunities for tree planting projects under the Emissions Reduction Fund



**National Carbon Farming Conference & Expo
7 August 2019**

The Emissions Reduction Fund

Economy wide, voluntary scheme to reduce emissions and help Australia meet its targets

Crediting

- Methods
- Australian Carbon Credit Units

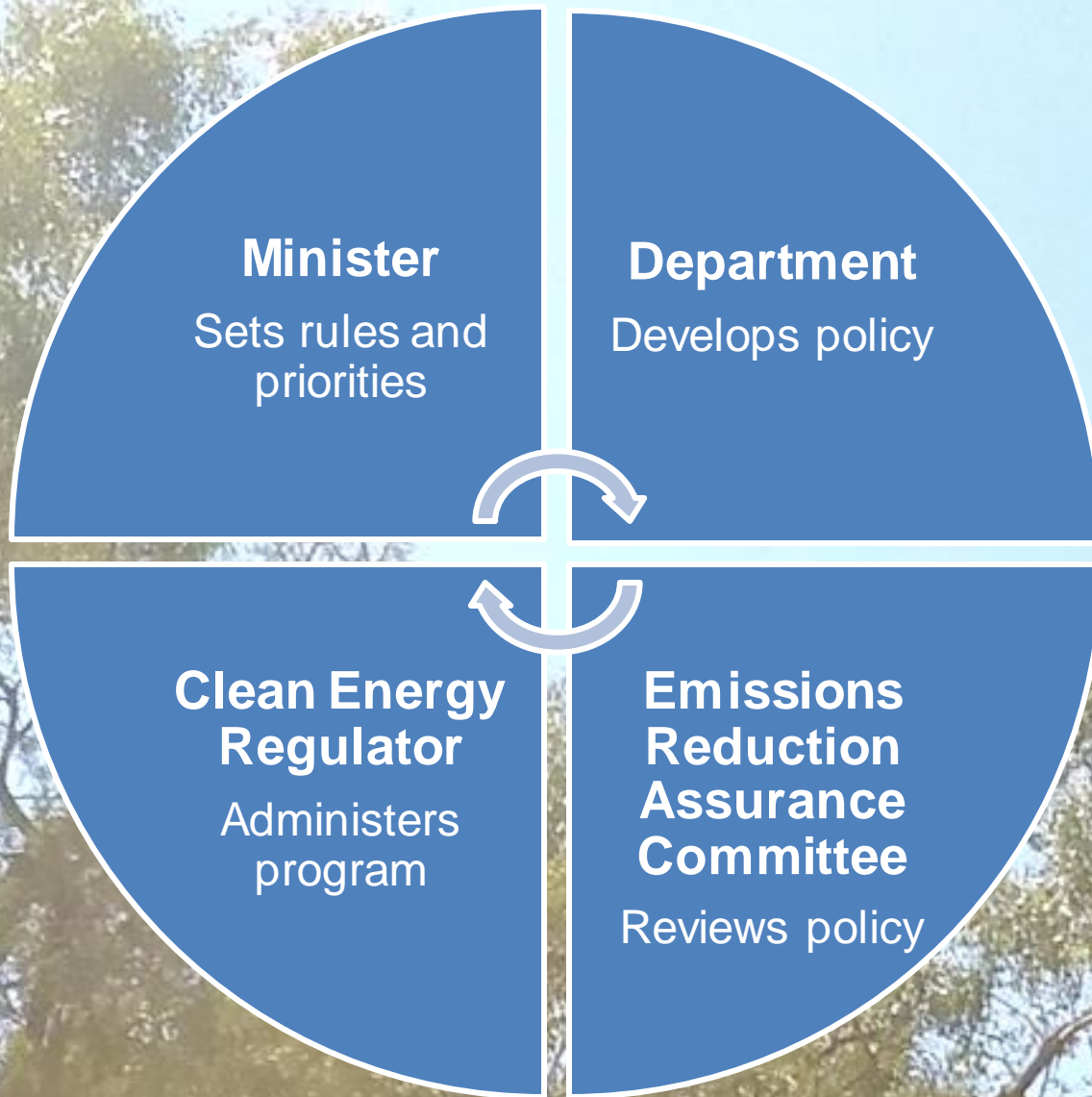
Purchasing

- \$2.55 billion (2014)
- Additional \$2 billion (2019)
- Reverse auctions
- Least cost

Safeguard

- Emissions baselines
- High emitters

Governance arrangements



Vegetation methods

1. Protect existing forest

- Avoided deforestation
- Avoided clearing



2. Promote forest regrowth

- Human-induced regeneration
- Native forest from managed regrowth



3. Plant forests

- Reforestation by environmental or mallee plantings
- Reforestation and afforestation
- Plantation forestry
- Farm forestry



Reforestation by environmental or mallee plantings

- Mixed locally native species or mallee eucalypts
 - No forest on the land for at least 5 years
 - Seed or tubestock
 - Plant in belts or blocks
 - Must be able to reach forest cover (at least 2 metres high and at least 20 per cent crown cover)
 - Grazing allowed if forest cover is not affected
 - Limited harvesting and thinning allowed
-

Farm forestry

- Harvest plantations (permanent plantings also allowed)
 - On land used for grazing or cropping for at least 5 years
 - Project size:
 - > 400 mm rainfall: \leq 100 hectares or 30% of farm
 - < 400 mm rainfall: \leq 300 hectares or 30% of farm
 - Requirements for managing water interception
 - Seed or tubestock
 - Plant in belts or blocks
 - Must be able to reach forest cover
 - Limits on tree removal other than harvesting and weeds
-

Running a project

- Before planting:
 - Map boundaries of project area and areas where trees will be grown
 - Determine planting type and approach to estimating carbon sequestration
 - Plant trees
 - Estimate carbon sequestration and emissions
 - Monitor plantings and submit reports
-

Estimating carbon sequestration and emissions

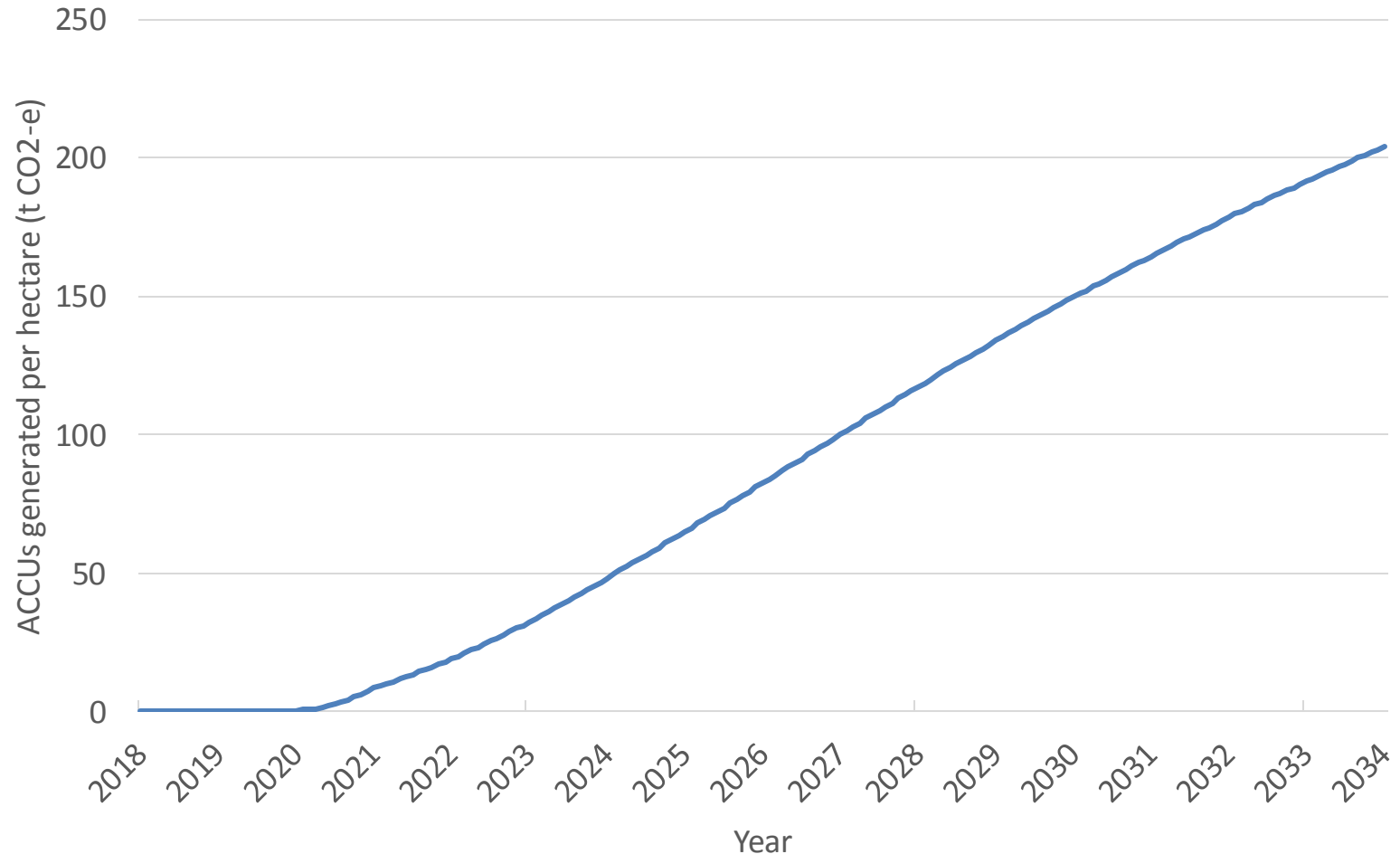
- Environmental and mallee plantings
 - Estimate using Full Carbon Accounting Model
 - Generic or specific calibrations
 - Farm forestry
 - Measure trees in sample plots
 - Net abatement = carbon stocks – emissions (fire and fuel)
-

Common questions

- Can I get credits for trees I have already planted?
 - Projects must be new
 - When do projects receive credits?
 - Projects can periodically apply for credits after emissions reductions occur
 - Projects can generate credits for 25 years
 - How long are Emissions Reduction Fund contracts for sequestration projects?
 - Up to 10 years
-

Common questions

- How many credits could a project earn?



Common questions

- What are the permanence requirements?
 - 100 or 25 years, discounts
 - What happens if there is a fire or drought?
 - Risk of reversal buffer (5%)
 - Crediting
 - Restoring losses of stored carbon
-



More information

Visit our website

www.environment.gov.au/climate-change/government/emissions-reduction-fund

Subscribe for updates

www.environment.gov.au/emissions-reduction-fund-update

Email us

emissions-reduction@environment.gov.au
