

Senate Standing Committee on Environment and Communications
Legislation Committee
Answers to questions on notice
Environment portfolio

Question No: 150
Hearing: Budget Estimates
Outcome: Outcome 2.1
Programme: Emissions Reduction Fund
Topic: Emissions Reduction Fund Methods
Hansard Page: 119
Question Date: 25 May 2015
Question Type: Spoken

Senator Urquhart asked:

Dr Kennedy: There are 41 methods in operation at the moment. We would be happy to provide to you the list of those methods and what they are. We can provide that quickly—and then a list of these 15 methods that you mentioned, Hilton, that are under development. I think that information is available to the public. If not, we are happy to provide it in a table.

Answer:

Attachment A provides a list of the 26 Emissions Reduction Fund methods currently in operation. While previously there had been 41 methods in operation, this list now comprises 26 methods as 16 of the methods made under the former Carbon Farming Initiative were revoked on 1 July 2015 and one new method (for commercial and public lighting) was made on 25 June 2015.

The 16 revoked Carbon Farming Initiative (CFI) methods have been superseded by new methods and there is no reduction in the scope of activities eligible under the Emissions Reduction Fund as a result of the revocations.

CFI methods proposed for revocation were subject to public consultation and a list of the revoked methods is available on the Department's website.

Attachment B provides a list of the 15 Emissions Reduction Fund methods currently under development by the Department of the Environment. These methods are at varying stages of development ranging from the initial scoping and feasibility testing stage through to final assessment by the Emissions Reduction Assurance Committee in preparation for consideration by the Minister. While these 15 methods are described as under development, this does not preclude future decisions to: suspend work on particular methods; merge several methods into one method; or split a single method into several methods, where practical.

Attachment A - Available Emission Reduction Fund methods

Type/Sector	Method Name
Waste and wastewater	Landfill Gas
	Alternative Waste Treatment
	Domestic, Commercial and Industrial Wastewater
Mining	Coal Mine Waste Gas
Energy efficiency	Aggregated Small Energy Users
	Commercial Buildings
	Industrial Electricity and Fuel Efficiency
	Commercial and Public Lighting
Transport	Transport (Aviation)
	Transport (Land and Sea)
Vegetation management	Avoided Clearing of Native Regrowth
	Avoided Deforestation 1.1
	Designated Verified Carbon Standard projects
	Emissions Abatement through Savanna Fire Management
	Reforestation and Afforestation 2.0
	Human Induced Regeneration Native Forest - 1.1
	New Farm Forestry Plantations
	Native Forest from Managed Regrowth
	Reforestation by Environmental or Mallee Plantings (FullCAM)
Agriculture	Reducing Greenhouse Gas Emissions from Fertiliser in Irrigated Cotton
	Feeding Dietary Additives to Milking Cows
	Destruction of Methane Generated from Dairy Manure
	Feeding Nitrate Supplements to Beef Cattle
	Destruction of Methane Generated from Manure in Piggeries 1.1
	Destruction of Methane from Piggeries Using Engineered Biodigesters
Soil carbon	Sequestering Carbon in Soil in Grazing Systems

Attachment B - Emissions Reduction Fund methods under development

Type/Sector Method Name

Waste and wastewater	Source separated waste - A method to reduce organic waste going to landfill by diverting waste sorted at point of origin
	Small landfill method - A method to support methane reduction activities in smaller landfills
Mining	Coal Mine Waste Gas - A method to support further reductions in methane emissions from coal mines.
Energy efficiency	High Efficiency Commercial Appliances - A method to reduce energy consumption through installing high efficiency commercial appliances
	Refrigeration and Ventilation Fan Upgrades - A method for upgrading existing motors in refrigeration, air handling or extraction fans to high efficiency motors
	High Efficiency Fan Installations - A method for the installation of highly efficient fans
	Variable speed drives - A method for the installation of variable speed drives on existing constant speed electric motor driven systems such as pumps, fans, or compressors
Facilities	Facilities - A method for reducing the emissions intensity of production at large facilities
	Oil and Gas Fugitives - A method to reduce fugitive emissions from oil and gas facilities, and pipelines
Vegetation management	High rainfall savanna sequestration from fire management - This method would allow for shifting to early dry season fire management to result in sequestration through an increase in carbon stocks in the debris pool
	Plantation Forests - A method to estimate potential abatement from new commercial plantations and the conversion of short-rotation plantations to long-rotation plantations
Agriculture	Biochar from chicken litter - A method to avoid methane emissions due to stockpiling of poultry litter and to stabilise the carbon content of the poultry litter in the form of biochar
	Beef Cattle Herd Management - A method to reduce emissions through improved livestock management and decreased times to reach target weights for market.
	High Fat Supplements for Beef or Sheep - abatement through feeding of high fat supplements to beef or sheep
Soil carbon	Soil Carbon – An additional soil carbon method using a modelled approach to calculate abatement