DOMESTIC OFFSETS INTEGRITY COMMITTEE

Endorsement of the Methodology for the Capture and Combustion of Methane in Landfill Gas from Legacy Waste

On 8 November 2011, the Domestic Offsets Integrity Committee (DOIC) advised that it had endorsed the Methodology for the Capture and Combustion of Methane in Landfill Gas from Legacy Waste because it complies with the requirements for a methodology outlined in Section 112 (3) of the *Carbon Credits (Carbon Farming Initiative) Act 2011* (the Act).

The reasons for the DOIC's decision to endorse the methodology are set out in Tables 1 and 2 below. They are published on this web site in compliance with Section 112 (14A) of the Act.

Table 1 – Requirements to be met by a methodology for endorsement by the Domestic Offsets Integrity Committee

Section*	**Requirement**	**Methodology for the Capture and Combustion of Methane in Landfill Gas from Legacy Waste**
112(3)(a)	Complies with the offsets integrity standards	See Table 2 below.
112(3)(b)	Does not refer to a state or part of a state	Complies.
112(3)(d)	Includes calculation of a baseline for a project.	Under the methodology, there is a requirement for project proponents to quantify the amount of methane captured and destroyed under baseline conditions to meet regulatory requirements. This must be subtracted from the total amount of methane captured and destroyed in the calculation of net abatement.
112(3)(g)	Applies methods specified under the *National Greenhouse and Energy Reporting Act 2007* (NGER Act) where appropriate.	All emissions sources in the methodology that are referenced in the NGER Act are calculated consistently with methods specified under the NGER Act, including emissions from fuel and electricity use and the methane fraction of biogas.

* Section of the *Carbon Credits (Carbon Farming Initiative) Act 2011*

Table 2 – Offsets Integrity Standards

Section	Requirement	Statement
133(1)(a)	Covered by the additionality test regulations.	While the additionality test regulations ('positive list') were not in place at the time of the DOIC's assessment, the activity was recommended by the Department of Climate Change and Energy Efficiency for entry on the 'positive list'.
133(1)(b)	Estimations of emissions reduction, sequestration and emissions are measurable and capable of being verified.	Appropriate equations are specified for the calculation of emissions for both the baseline and project cases and appropriate means of data collection, monitoring and reporting are specified to enable verification of the estimations.
133(1)(c)	Methods specified in the methodology are not inconsistent with the methods set out in the National Inventory Report.	In accordance with section 112(4) of the CFI Act, the DOIC member who is an employee of the Department of Climate Change and Energy Efficiency has advised that the methods set out in the methodology are not inconsistent with the methods in the National Inventory Report.
133(1)(d)	The methodology is supported by relevant scientific results published in peer-reviewed literature.	Complies because the methods are not inconsistent with relevant methods in the *National Greenhouse and Energy Reporting Act 2007* or the National Inventory Report.
133(1)(e)	Net abatement is calculated after deducting the emissions generated as a result of carrying out the project.	Complies.
133(1)(f)	Methodologies related to sequestration projects should provide for adjustments that take account of cyclical variations.	Not applicable.
133(1)(g)	Estimates, projections or assumptions included in the methodology are conservative.	Where default factors are applied, a value well established in literature and from the conservative end of a range has been chosen. For example, the destruction efficiency of open flares used in other offset schemes has ranged from 98% to 100%. The value applied in this methodology is 98%.

133(1)(h)	Applies methods specified under the *National Greenhouse and Energy Reporting Act 2007* (NGER Act) where appropriate.	All emissions sources in the methodology that are referenced in the NGER Act are calculated consistently with methods specified under the NGER Act, including emissions from fuel and electricity use and the methane fraction of biogas.

* Section of the *Carbon Credits (Carbon Farming Initiative) Act 2011*