

DOWNER EDI MINING SUSTAINABLE DEVELOPMENT SCORECARD

JULY 2011 – JUNE 2012

TREND: Improvement Deterioration Steady / No Change **NA** Not Applicable

HEALTH & SAFETY	Indicator	FY12 Target	FY12 Actual	Trend	Comments	FY13 Target	Page
	Fatalities	0	0	=	No fatalities occurred.	0	-
	Fines and prosecutions	0	0	=	We received no fines or prosecutions.	0	10
	Lost Time Injury Frequency Rate (LTIFR)	≤1.0	0.6	↑	A focus on Zero Harm and a belief that all incidents are preventable have led to an excellent LTI performance.	≤1.0	10
	Total Recordable Injury Frequency Rate (TRIFR)	≤6.9	6.2	↑	We met the target with a 30% improvement compared with FY11 and remain dedicated to achieving a Zero Harm workplace.	≤5.6	10
	Hazards identified per employee	≥0.3	0.4	=	We maintained our performance in this area and once again exceeded this target in FY12.	≥0.3	10
	Safety Behavioural Observations (SBOs) per supervisor ¹ per month	≥4.0	8.0	↑	We improved our performance in this indicator by 22% compared with FY11.	≥4.0	10
	Safety actions closed out by due date	≥90%	99%	↑	We improved the number of safety actions closed out by the required due date.	≥90%	10



PEOPLE & COMMUNITY	Indicator	FY12 Target	FY12 Actual	Trend	Comments	FY13 Target	Page
	Supervisors ¹ trained in HSE Leadership	≥70%	60%	↓	We trained 426 employees in HSE Leadership, and course availability doubled to cater for demand and increased employee numbers.	≥80%	10
	Supervisors ¹ trained in Environmental and Sustainability Awareness (DESA)	≥50%	28%	↑	Our new DESA training course is now offered to all sites. Participation increased from 19% in FY11 to 28% in FY12.	≥50%	22
	Indigenous employees recruited	≥135 ²	163	↑	A number of successful recruitment drives led us to exceed our annual Indigenous recruitment target. Female Indigenous recruitment increased from 14 employees in FY11 to 24 employees in FY12.	≥135	17
	Gender balance (% of female employees)	≥13%	14%	↑	Our female employment ratio of 14% ³ exceeds the industry benchmark of 12.3% ⁴ .	≥13%	17
	Employees receiving regular performance reviews (annual target)	≥85%	90%	=	We maintained our performance in this area in FY12.	100%	16
	Health and safety (H&S) climate survey participation rate	≥70%	55%	↓	A second survey was conducted for Downer Mining by the Queensland University of Technology in 2012. Recommendations from the survey results were incorporated into regional H&S action plans.	-	12



KEY STATS

213,013,147
bank cubic metres (BCM) of material moved in FY12 (open-cut operations only)

5,174
people were employed as at 30 June 2012

163
Indigenous employees recruited in FY12

110
hectares of land rehabilitated at our projects in FY12

DownerEDI Mining

1. Supervisors are HSE professionals, Senior Managers, Support Managers, Senior Professionals, Superintendents, Supervisors, Engineers and other Professionals, who are based on site.
2. The Indigenous recruitment target was increased during the year from 70 to 135.
3. Employees at Otraco's overseas operations are excluded from this data.
4. Kinetic Group Heartbeat Report 2012: Annual Workforce Report of the Resources Industry.

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ENVIRONMENTAL SUSTAINABILITY	Indicator	FY12 Target	FY12 Actual	Trend	Comments	FY13 Target	Page
	Significant environmental incidents	0	0	=	No significant environmental incidents were reported.	0	20
	Minor Environmental Incident Frequency Rate (EIFR)	≥37	34	=	We have increased the number of incidents reported by 63% as total work hours have increased at a similar rate through business expansion.	≥35.6	22
	Reduction in greenhouse gas emissions intensity (kt CO ₂ -e/Revenue \$)	≥2%	42%	↑	We substantially reduced our Scope 1 and 2 emissions.	≥FY12	24
	Improvement in energy efficiency performance (% on FY10/11 baseline – three-year target) ⁴	≥3% (by FY14) ⁵	-5.65%	↓	Our energy efficiency decreased in FY12. We have established long-term efficiency targets to account for expanding projects and business growth.	≥3% (by FY14)	25
	Ratio of town water used/emulsion produced in the emulsion manufacturing process	≤0.13	0.12	↑	Through improvements in water collection and recycling at our emulsion-manufacturing sites, our use of municipal water supply and risk of non-compliant discharge during extreme weather both decreased.	≤FY12	22
	Waste recycled (recycled solids as % of total solid waste) ⁶	≥14%	14%	NA	We improved waste measurement and management at our sites in collaboration with site teams, clients and waste contractors.	≥10%	25



CASE STUDY



ENVIRONMENTAL SUSTAINABILITY – A BRIGHT PROSPECT

In 2012 we were a finalist in the Australian Mining Prospect Award for Excellence in Environmental Management. The award recognises our ongoing environmental leadership, excellence and innovation in the Australian mining industry. Our Low Emissions Mining Solutions[®], rehabilitation projects, water management, sustainability policies and environmental management systems are pivotal in creating sustainable business outcomes.

We continue to support the renewable fuels industry as its largest consumer of B20 biodiesel and are engaged in ongoing investigations into alternative fuel sources for its operations.

Our management of project greenhouse gas emissions reduction and energy efficiency through the Downer Energy and Emissions Measure™ (DEEM™) encourages and nurtures fuel efficient innovations across our sites. This includes modifications to electric-drive truck powertrain control units to minimise idle fuel use during deceleration, and efficient technologies in lighting, vehicle and workshop infrastructure.

A business plan founded on the three pillars of environmental governance, business improvement and business development allows us to effectively respond to environmental risks and opportunities. As we maintain our industry-leading environmental stewardship, we will continue to deliver sustainable value for our stakeholders.



AS/NZS 4801⁷
BS OHSAS 18001⁷
ISO 14001
ISO 9001



4. Open-cut operations only.

5. The FY12 annual target of ≥1% has been replaced by a three-year target of ≥3% (by FY14).

6. This indicator has changed from the FY11 indicator of waste recycled solid as a proportion of total.

7. Otraco is still in the process of obtaining full safety certification. This is expected to be completed in early 2013.