



Minimising our environmental impact

Terrex Seismic is Australia's leading onshore seismic acquisition contractor. Along with our ability to provide 2D and 3D seismic solutions, Terrex Seismic is committed to minimising environmental impact while delivering high-quality, professional, efficient results for clients.

Terrex Seismic takes pride in its environmentally-friendly approach to seismic surveying to ensure that all environmental and culturally sensitive issues are taken into consideration. By committing to the uphold and maintenance of the environments in which we operate, we minimise our environmental impact through carbon neutral seismic crews, Envirovibe crews and sufficient emission offsets.

Terrex Seismic unveiled the world's first carbon neutral seismic crew at 2009 APPEA.

Our commitment to reducing carbon emissions

In a bid to reduce emissions from onshore oil and gas and CSG exploration in Australia, Terrex Seismic engaged independent carbon neutral consultant Carbon Neutral Ltd to assist with the design and implementation of Terrex's new Ultralight Enviro Vibe Crews.

The Ultralight Enviro Vibe Crews have several benefits compared to a conventional 2D seismic crew, including:

- Two or three Mini Buggy Enviro Vibes weighing 8 tonnes each.
- 25% reduction in crew members.
- 30% reduction in vehicle support requirements.

In a proactive and dedicated approach to reduce carbon emissions, Terrex Seismic's Ultralight Enviro Vibe Carbon Neutral Seismic Crew records and submits its carbon emissions to Carbon Neutral Ltd. All data is assessed to generate a final carbon per tonne amount for particular activities including air travel, vehicle fleet, fuel, energy, waste, consumables and accommodation. Terrex Seismic can generate a gauge on our carbon emissions and encourage efficient production while setting carbon emission reduction targets.

In our commitment to environmentally-friendly operations, Terrex Seismic purchased sufficient Verified Emission Reduction units (VER) from Carbon Neutral to immediately offset carbon emissions up until commencement of crew operations. Once the Ultralight Enviro Vibe Crew commencing operation in mid 2009, carbon emissions were audited and VERs purchased on a quarterly basis to ensure the crew's carbon neutral status is maintained.

Terrex Seismic secures VERs from The Australian Climate Exchange, which have been generated through avoided emissions from a project at the Southern Metropolitan Regional Council's (SMRC) Waste Composting Facility (WCF).

Both Choice Magazine and Carbon Offset Watch have rated the SMRC's carbon offsets as 'outstanding'.

Terrex Seismic believes in taking positive action against climate change by encouraging individuals and organisations to reduce and offset their carbon emissions by working with organisations such as Carbon Neutral Ltd.

Low impact clearing

Terrex Seismic operates man-portable, heli-portable and vehicle supported minimal impact vibrator, Enviro Vibe and explosives seismic crews. Terrex Contracting implements minimal impact Seismic Line Preparation using Stickrakes, Tractor/Slasher and Bulldozer operations.

Terrex Contracting

Terrex Contracting, Terrex's specialist seismic line preparation crew, has developed innovative seismic line preparation and restoration techniques. These are award winning and have resulted in Terrex Contracting being a government preferred seismic line contractor.

National greenhouse and energy reporting systems

Terrex Seismic has registered with the Department of Climate Change and Energy Efficiency to report on its annual greenhouse gas emissions. Terrex Seismic is pleased to announce that for the reporting years 2008-2010, we did not meet or exceed a facility reporting threshold.

The National Greenhouse and Energy Reporting Act 2007 (NGER Act) introduced a national framework for the reporting of information about greenhouse gas emissions of corporations. The first annual reporting period began 1 July 2008.

The NGER Act will underpin any future emissions trading schemes by providing the emissions data for greenhouse gas emissions and energy use. Production reports are prepared and submitted via the NGER reporting tool, known as the Online System for Comprehensive Activity Reporting (OSCAR).

The OSCAR data is published to inform the Australian public about Australian corporation greenhouse gas emissions and energy usage in Australia. It is used to inform the development of government policy, assist government programs and activities, and meet international reporting obligations.

Utilising Terrex Seismic's own in-house recording systems, we began collecting data and keeping records of our greenhouse gas emissions and energy use in 2008 and found that our carbon emissions and greenhouse gas emissions have reduced with the help of our proactive, environmentally-friendly carbon neutral seismic crews and Enviro Vibe crews.

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