



Carbon
Neutral
Organisation

DALRADIAN
GOLD

PRESS RELEASE
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Dalradian Achieves Net Zero Carbon Neutral Status

Dalradian, the company developing an environmentally responsible gold-silver-copper mine in west Tyrone, has achieved Carbon Neutral status. This is an important milestone toward realizing Dalradian's commitment to building and operating a carbon neutral (net zero carbon) mine, the first in Europe.

The Company completed an assessment of its carbon footprint for 2019 that has been independently verified. Dalradian has achieved carbon neutrality to PAS 2060 standards for 2019 by developing a carbon management plan and offsetting all carbon emissions by supporting a water purification programme in rural Cambodia.

The Company is working with Carbon Footprint Ltd, a leading sustainability & climate change solutions provider. Dalradian completed an extensive assessment of its greenhouse gas emissions and Carbon Footprint Ltd has verified the assessment following the exacting standards of ISO 14064-3, an international standard for businesses and other organizations to quantify, monitor, report and verify greenhouse gas emissions. By doing this Dalradian has achieved the status of Carbon Footprint Standard – Assessed for 2019.

Not satisfied with 'just measuring' its carbon footprint, Dalradian has committed on an ongoing basis to minimise its emissions and offset the remainder via carbon offsetting to render all its operations as net zero carbon (i.e., carbon neutral). This process has followed the stringent requirements of BSI PAS 2060, a specification produced and published by the British Standards Institution with the objective of increasing transparency of carbon neutrality claims by providing a common definition and recognized method of achieving carbon neutral status.

Certified off-setting project for 2019



To render its carbon emissions 'net zero', Dalradian has chosen to support a Water Purification project in Cambodia. This provides clean water to rural developing communities and, as well as reducing carbon emissions, the project significantly reduces illness due to water-borne diseases and has further benefits to respiratory health (as indoor wood fire water boiling causes air pollution). In addition, purifiers are locally manufactured and therefore provide an economic benefit to Cambodia. The project is certified to the international Gold Standard.

Off-setting projects in Northern Ireland, Britain or the Republic of Ireland cannot be used since the governments have already committed to carbon emission reduction targets under the Paris agreement. Rather, off-set projects are arranged in countries that have not already committed to reductions.

https://www.carbonfootprint.com/cambodia_water_filter.html

Dr. Wendy Buckley, Client Director at Carbon Footprint said,
'Dalradian have made a firm commitment to make their development as environmentally responsible as possible. By adhering to PAS 2060 carbon neutrality, not only is the business funding climate change solutions in developing regions of the world, it is also striving to reduce sources of emissions locally.'

Oonagh McKenna, Dalradian's Sustainability & Community Relations Officer commented,
'Thanks to the hard work and commitment of our staff alongside the knowledge and guidance of Carbon Footprint, we have achieved this important milestone at least a year earlier than originally planned. We are pleased to support the offsetting project in Cambodia since it better daily life for people while also improving the environment.'

Next Steps

Ms. McKenna went on to say,
'We are following an active management plan to further minimise our emissions in 2020, with measures including: increased use of biodiesel and electric vehicles, a range of actions to reduce emissions from staff commuting and use of virtual meetings to reduce flights for business travel.'

In addition, we are going above and beyond net zero carbon emissions through tree-planting projects in Northern Ireland in the coming months and are looking to achieve "carbon plus" status. Each stage of our project – from exploration through to permitting, construction, operations and closure – will have a very different carbon footprint. We will work within each stage to measure, report, offset and continuously improve the carbon emissions performance through design, equipment selection and further developing a company culture that builds from our recent achievements. All of this work will be verified by third-party experts as we progress on this journey.'

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Editors Notes:

About Carbon Footprint:

Carbon Footprint help hundreds of companies develop robust carbon and sustainability programmes. They help businesses and their products and services become carbon neutral with high quality carbon offsets. They also help organisations with great ideas to reduce energy and transport costs.

Web: www.carbonfootprint.com

About Dalradian

Dalradian has been working in West Tyrone since 2010 and hold exploration licences from the Department of Economy. Our team explore for a range of base and precious metals as well as rare earth elements.

The company is focussed on advancing its project near Greencastle which contains a mineral deposit of gold, silver and copper.

Dalradian’s first responsibility is to the environment and it has designed a project to meet and exceed strict regulatory standards. Rehabilitation will commence during operations and the site will be returned for use as farmland / grazing upon closure. Dalradian has achieved the status of Carbon Footprint Standard – Assessed for 2019.

Dalradian has invested £130m to define the deposit, and develop environmental, engineering and economic feasibility studies. The company currently employs approximately 40 people at its Omagh and Gortin offices in Co. Tyrone. In 2017 the company submitted a planning application to develop a long-term underground mine at Curraghinalt – the planning process is ongoing and the application will be subject of a public inquiry, as announced by Minister Mallon (DfI) in June 2020. In 2019 the Company committed to building and operating the first carbon neutral mine in Europe.

Advancing the proposed mine to operation will create a new industry for Northern Ireland. The project will be economically transformative for this rural area and the Company expects that 90% of its employees will be local (based on The World Gold Council’s ‘The Social and Economic Impacts of Gold Mining’, 2015). Tyrone is already recognised as one of the world’s leading regions for the production of mineral extraction equipment.

Dalradian in Numbers

1600s: first reports of gold in area	20-plus years: anticipated life of mine. Resource is still “open” in all directions
10,000-page planning application submitted covering environment, health, social and economic studies	Europe’s first carbon neutral mine
1,000 jobs: direct, indirect and induced, across a range of skill sets, with a £15 million initial training package to maximise local employment	100% of operational water will be sourced onsite, recycled and treated to agreed environmental quality standards before release
£750m planned expenditure on supply chain aligned to Tyrone’s world renowned manufacturing sector	£4m committed to future community projects
400 community groups already supported with £800K since 2015	3.5m ounces: portion of the gold deposit to be extracted during the period covered by the planning application
15,000 tonnes: portion of the copper deposit to be extracted during the period covered by the planning application	850,000 ounces: portion of the silver deposit to be extracted during the period covered by the planning application