

# Gidara energy Heard and McDonald Islands

Where are Heard Island and McDonald Islands located?

The islands are a territory (Territory of Heard Island and McDonald Islands) of Australia administered from Hobart by the Australian Antarctic Division of the Australian Department of Climate Change, Energy, the Environment and Water.

Why is the Heard & McDonald Islands important?

It is the biggest contribution to ocean conservation anywhere on the planet this year. The Heard and McDonald Islands marine reserve will quadruple in size, an increase of almost 310,000 km<sup>2</sup> - an area larger than Italy - and will provide greater protections for an environment unlike anywhere else in the world.

How big is Heard Island & McDonald Islands?

The group's overall land area is 372 km<sup>2</sup> (144 sq mi) and it has 101.9 km (63 mi) of coastline. Discovered in the mid-19th century, the islands lie on the Kerguelen Plateau in the Indian Ocean and have been an Australian territory since 1947. Heard Island and McDonald Islands contain Australia's only two active volcanoes.

Does Heard Island have a harbour?

Heard Island and the McDonald Islands have no ports or harbours; ships must anchor offshore. The coastline is 101.9 km (63.3 mi) in extent, and a 12 nmi (22 km) territorial sea and 200 nmi (370 km) exclusive fishing zone are claimed. [2]

Is Heard Island a subantarctic island?

The fauna of the freshwater pools, lakes, streams and mires found in the coastal areas of Heard Island are broadly similar to those on other subantarctic islands of the southern Indian Ocean. Many species reported from Heard Island are found elsewhere.

Are there spiders on Heard Island?

The arthropods of Heard Island are comparatively well known with 54 species of mite and tick, one spider and eight springtails recorded. A study over summer at Atlas Cove in 1987/88 showed overall densities of up to 60 000 individual springtails per square metre in soil under stands of *Pringlea antiscorbutica*.

Commissioning 1985 Years of Operation 1986-1997 Product Capacity 300 tonnes per day Methanol (~90 KTA) Utilized Feedstock Brown Coal, Sewage Sludge, Lignite, RDF, MSW, Wood, Coke, Plastic Residues  
The Berrenrath facility in Germany was commissioned in 1985 with the purpose of producing Methanol. Over the +10 years of operation, the plant achieved an ...

Beyond wasting waste. The way the HTW &#174; gasification technology is used by GIDARA Energy is

much more sustainable than traditional methods such as incineration. Our technology has proven to be more efficient as all side streams can be put to use. Gasification-based processes result in much lower emissions of pollutants compared to conventional combustion.

Founded in 2019, GIDARA Energy focuses on green technologies, acting as a bridge between combined waste and biobased feedstocks and the sustainable fuels and circular chemicals market; creating an integrated, green, and sustainable business.

Management plans also explain what the objectives are for managing the area, and what the managers will do to help meet those objectives.. It is a requirement of the Environment Protection and Biodiversity Conservation Act 1999 (the EPBC Act), under which the Heard Island and McDonald Islands (HIMI) Marine Reserve was declared, that a management plan be prepared ...

L'isola Heard e le isole McDonald sono isole disabitate che si trovano nell'Oceano Antartico, a circa due terzi di distanza tra il Madagascar e l'Antartide. Esse costituiscono un territorio esterno australiano dal 1947 e contengono i due soli vulcani attivi presenti sul territorio australiano, uno dei quali (Mawson Peak) &#232; anche la montagna australiana pi&#249; elevata, con 2.745 metri.

The High-Temperature Winkler (HTW &#174;) technology is the most developed proven gasification technology utilizing waste-based feedstocks. The process was originally developed in the 1920s by the German energy company Industrie Gewerkschaft (IG). Over the years, the technology has been significantly improved to achieve better results and has been re-engineered to handle a ...

Heard Island and McDonald Islands are uninhabited, barren, Subantarctic islands in the Southern Ocean, far due south of India and roughly 400 km southeast of Kerguelen of the French Southern and Antarctic Lands. The islands are administered by Australia and listed as a UNESCO World Heritage site. Although it's administered by Australia, the islands are approximately 4,000 ...

HEARD AND MCDONALD ISLANDS AUSTRALIA Heard Island and the McDonald Islands are in the Southern Ocean, approximately 4,100 km south-west of Perth and 1,700 km from the Antarctic continent. Their distinctive conservation value is as one of the world's rare pristine island ecosystems which have virtually no ...

Heard Island and McDonald Islands is the only sub-Antarctic island group with almost no human-introduced species. Beyond "the shallows" - the case for expanding the reserve When the original reserve was designed it was noted that future management should consider whether sufficient representation of the different kinds of habitats ...

GIDARA Energy is pleased to announce the appointment of Dr. Norbert Kamp as its new Chief Executive Officer (CEO) effective MAY 1ST 2023. Dr. Kamp brings extensive experience in the renewable energy

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sector and is committed to continuing GIDARA Energy's mission of helping to achieve decarbonization of the industry.

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GIDARA Energy is to build a Gasification Innovation Centre in Rotterdam together with TU Delft. The centre will have a pilot-scale gasification island where, from mid 2023, mutual research can take place on the "third generation" of HTW&#174; ...

GIDARA Energy is to build a Gasification Innovation Centre in Rotterdam together with TU Delft. The centre will have a pilot-scale gasification island where, from mid 2023, mutual research can take place on the "third generation" of HTW&#174; gasification technology, with which biofuels can be produced from pure biomass/waste streams.

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The Territory of Heard Island and McDonald Islands (HIMI) is an Australian external territory comprising a volcanic group of mostly barren Antarctic islands, about two-thirds of the way from Madagascar to Antarctica.The group's overall size is 372 km 2 (144 sq mi) in area and it has 101.9 km (63 mi) of coastline. Discovered in the mid-19th century, the islands lie on ...

The subantarctic island group of Heard Island and McDonald Islands (HIMI) is located in the southwest Indian Ocean at about 53&#176;S, 73&#176;30"E. The islands are around 4,100 kilometres southwest of Perth, Western Australia, 4,700 kilometres southeast of Africa and 1,000 kilometres north of Antarctica.

Web: <https://www.triceratech.co.za>