



**FairfieldEnergy**

**2022 Annual  
Public Statement  
Fairfield Energy Limited**





**For Further Information,  
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# 1. Environmental Policy

It is the policy of Fairfield Energy Limited (Fairfield) to seek to conduct its business in a responsible manner that prevents pollution and promotes the preservation of the environment.

Fairfield appreciates that our activities can interact with the natural environment in many ways. We recognise that sustained development of Fairfield and our long term success depends upon achieving high standards of environmental performance. We are therefore committed to conducting our undertakings in an environmentally responsible manner.

This means that we will:

- Integrate environmental considerations within our business and ensure that we treat these considerations with at least equal importance to those of productivity and profitability;
- Incorporate environmental risk assessment in our business management processes, and seek opportunities to reduce the environmental impact of our activities;
- Continually improve our environmental management performance;
- Comply with all environmental laws, regulations and standards applicable to our undertakings;
- Allocate necessary resources to implement this policy;
- Communicate openly in matters of the environment with government authorities, industry partners and through public statements.

In particular, we will:

- Maintain an environmental management system in accordance with international best practice and with the BS-EN-ISO 14001:2015 standard, including arrangements for the regular review and audit of our environmental performance;
- Conduct environmental analyses and risk assessments in our areas of operation, in order to ensure that we understand the potential environmental impacts of our activities and that we identify the necessary means for addressing those impacts;
- Manage our emissions according to the principles of Best Available Techniques;
- Publish an annual statement on our public web site, providing a description of our environmental goals and performance;
- Maintain incident and emergency systems in order to provide assessment, response and control of environmental impacts.

Ultimate responsibility for the effective environmental management of our activities rests with the General Manager and the Board.

This policy shall be implemented by line management through the development and implementation of working practices and procedures that assign clear responsibilities for specific environmental activities with our employees and contractors.

In addition, each of our employees has a personal responsibility to conduct themselves in a manner that enables us to implement this policy and our environmental management system.

**Alan Scott**  
General Manager

## 2. Overview

### 2.1. Background

Fairfield Energy (Fairfield) was established in 2005 and was created specifically as a UK focused independent company to participate in the realignment of North Sea asset ownership in this mature province.

Having concluded that Dunlin had reached the point of maximum economic recovery, particularly in the light of the then-prevailing industry conditions, termination of production from the Greater Dunlin Area was announced by Fairfield on 15<sup>th</sup> June 2015. Approval for Cessation of Production (CoP) was received from the Oil & Gas Authority (OGA) on 15<sup>th</sup> January 2016 with CoP confirmed to have occurred on 15<sup>th</sup> June 2015.

Fairfield is an experienced, late-life asset and decommissioning operator. Our remaining project is the decommissioning of the Greater Dunlin Area incorporating Osprey and Merlin subsea satellite fields and associated infrastructure.

### 2.2. Our Operations

The Greater Dunlin Area is located in Blocks 211/23 and 211/24 of the UK Continental Shelf which is in the Brent oil province in the Northern North Sea (NNS). The Dunlin Alpha installation stands some 500km north-northeast of Aberdeen within the East Shetland Basin, and 11 km from the boundary line with Norway.

#### 2.2.1. Dunlin Alpha Decommissioning

The Dunlin Alpha installation was cold stacked in October 2021 following an extensive multi-year programme of Plug and Abandonment (P&A) of the platform well stock and preparatory Make Safe and Handover (MS&H) of the topside facilities. The installation remained in an unmanned condition until Topsides Removal commenced in Q2 2022.

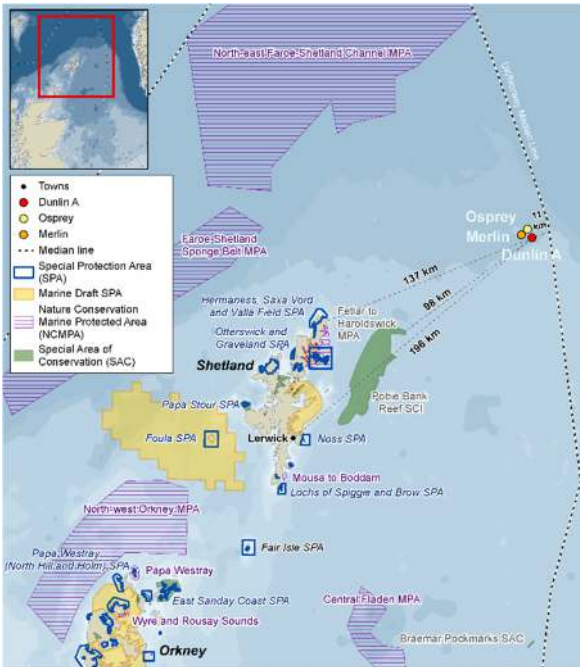
The principal activity in 2022 was the removal of the steel box girder Module Support Frame and all topside modules in a series of heavy lifts conducted by Heerema Marine Contractors' Thialf and Sleipnir heavy lift vessels. These topside facilities were transported to AF Offshore Decom's Environmental Base at Vats, Norway for waste management purposes.

The remaining decommissioning scope, scheduled for 2023, consists of the removal of six remaining well conductors by subsea intervention; final debris recovery within the 500mZ; and post-decommissioning (as-left) surveys in accordance with the approved Decommissioning Programme.

#### 2.2.2. Subsea Infrastructure Decommissioning

Subsea Infrastructure Decommissioning (SID) operations were successfully completed in 2019, and waste disposal and recycling of recovered subsea infrastructure was completed in 2020. Regulatory close-out of the various Decommissioning Programmes (DP) was accepted by the Department of Business, Environment and Industrial Strategy (BEIS) in 2021.

All activities associated with decommissioning the Dunlin Alpha to Cormorant Alpha Pipeline (PL5) were successfully completed in 2020. Regulatory close-out of the PL5 Decommissioning Programme was subsequently accepted by BEIS in 2021. There were no Fairfield operations in connection with the remaining subsea infrastructure in 2022.



## Dunlin Alpha

**Location:**  
196 km north east of Lerwick

**Block:**  
211/23

**Water Depth:**  
151 m

**Operator / Duty Holder:**  
Fairfield Betula Limited

**Installation Type:**  
Four-leg, concrete gravity base multi-cell substructure with a steel box girder based topsides supporting the drilling deck, module deck and lower deck.

**Platform Wells:**  
45

**Production Commenced:**  
August 1978

**Production Ceased:**  
June 2015

**Estimated Total Recovery:**  
522 million barrels

**Tiebacks:**  
The Osprey field was a subsea development located 6 km to the north-north west of the platform. The Merlin field was a subsea development located 7 km to the west-north west of the platform.

- One Time Infrastructure:**
- 8" oil pipeline from Merlin to Osprey manifold
  - 38" Osprey south production bundle
  - 38"/31.5" Osprey north production bundle
  - 10" water injection pipeline to Osprey
  - 8" water injection pipeline to Merlin
  - 16" oil import pipeline from Thistle Alpha
  - 24" oil export pipeline to Cormorant Alpha
  - 4" fuel gas import line from Thistle Alpha (10.3 km)
  - Power Import Cable from Brent Charlie (22.3 km)

### 3. Environmental Management

Fairfield has a structured Environmental Management System (EMS) that communicates company policy and establishes the company standards for environmental risk management. The EMS provides a controlled and systematic approach to promoting best practice in environmental management as well as outlining the mechanisms through which compliance is maintained.

The EMS has been developed in accordance with current UK environmental legislation and is certified in accordance with ISO 14001:2015.

Progress against the key objectives / programmes within our 2022 environmental programme is summarised in Table 3.1.

Our 2023 environmental programme continues and builds upon our 2022 programmes and objectives. Specifically for 2023, targets and objectives have been set in the Environmental Management System within the following programmes:

- Leadership & Accountability
- Interface Management
- Compliance and Assurance

Objective / Programme	Summary of Progress
<b>Legal Compliance</b>	<ul style="list-style-type: none"> <li>• Environmental Assurance planning session held May 2022</li> <li>• Full compliance with environmental regulatory requirements</li> <li>• Alignment of PLANCs with aspects, impacts and schedules</li> <li>• PLANC Register items formally verified with regulators</li> </ul>
<b>Waste Management</b>	<ul style="list-style-type: none"> <li>• Detailed analysis and reporting of waste streams</li> <li>• Monthly management visits to Vats completed throughout 2022</li> <li>• External SME radiological audit of Vats completed Nov 2022</li> </ul>
<b>Maintenance of EMS</b>	<ul style="list-style-type: none"> <li>• Formal EMS Annual Review held May 2022</li> <li>• Senior Management Reviews of Project Risk Register</li> <li>• Management/Board monitoring of Environmental KPIs</li> <li>• Scope of external EMS certification reviewed in Dec 2022</li> </ul>
<b>Audit &amp; Inspection</b>	<ul style="list-style-type: none"> <li>• Extensive Site Tours performed by Fairfield Reps on HLVs</li> <li>• Internal Assurance Reviews conducted throughout 2022</li> <li>• External SME radiological audit of Vats completed Nov 2022</li> <li>• Monthly management visits to Vats completed throughout 2022</li> </ul>

Table 3.1 – 2022 Key Objectives and Summary of Progress

## 4. Environmental Performance

Given the limited nature of Fairfield's operations during 2022, the potential for significant environmental impact was largely limited to accidental releases during the topsides heavy lift operations or subsequent waste management activities at the Vats Environmental Base.

The environmental performance of Fairfield's operations in 2021 are summarised in the sections that follow, and has been reported to the Department for Business, Energy & Industrial Strategy (BEIS) via the UK Environmental Emissions Monitoring System (EEMS).

### 4.1. Atmospheric Emissions

There were no atmospheric emissions from the Dunlin Alpha installation during 2022.

### 4.2. Accidental Releases

There were no accidental releases from the Dunlin Alpha installation during 2022.

### 4.3. Waste Management

In total, 7,646 tonnes of waste were generated from processing of the Dunlin Alpha topsides in 2022. By Waste Category, 698 tonnes were Group I wastes; 6850 tonnes were Group II wastes; and 98 tonnes were Group 3 wastes.

The dominant waste stream in 2022 was recycled metals, comprising 6,067 tonnes, all of which was recycled. Overall, the rate of reuse or recycling in 2022 was approximately 91.2%. Final decommissioning project recycling rates are expected to exceed this figure as more metals are recycled through 1H 2023.

Total Waste (tonnes)	Reused / Recycled (%)	Landfill (%)
7,646	91.2%	8.8%

Table 4.1 – Fate of Waste Generated from Fairfield Operations in 2022

### 4.4. Chemical Use and Discharge

There were no offshore chemicals either used or discharged at Dunlin Alpha during 2022.

