

Alvance British Aluminium - Environmental Impact Assessment

Client: Alvance British Aluminium (Alvance)

Location: Fort William, Scotland

Date: 2020-21

Alvance is developing an Aluminium Recycling and Billet Casting Facility located adjacent to the existing Lochaber Smelter in Fort William. The project aims to create a sustainable economic and environmental future for the Lochaber smelter and power station, its employees and local community by being the producer of choice in a continually evolving market.

The Proposed Development includes a 12,245 m² billet casting facility and associated development covering 3.69 ha and comprising a product storage area, new access road, sustainable drainage systems and landscaping. The location of the site, adjacent to the Ben Nevis and Glen Coe National Scenic Area and close to the Ben Nevis Special Area of Conservation and Site of Special Scientific Interest, meant that landscape and ecological effects required particular consideration during design process.

"ITPenergised were proactive and consistently went above and beyond the scope of work to deliver a comprehensive EIA. Their solutions-driven approach was welcome; especially given the environmental sensitivities associated with our location."

James Tangney, Alvance British Aluminium

Our Role:

- Management of multi-discipline environmental impact assessment (EIA)
- Flood risk assessment
- Drainage strategy design
- Process design feasibility (air emissions)
- Peat management

The Proposed Development will deliver Alvance 'Green-Aluminium' from scrap metal using hydropower. Alvance engaged ITPenergised to manage the assessment of environmental effects as part of a major planning application. EIA is the systematic process of compiling, assessing and mitigating likely significant environmental effects.

Working with site engineers, process plant manufacturers and project architects, ITPenergised has advised on design iterations reflecting both the sensitivity of the proposed site and the views of the local community and statutory consultees.

Outcome:

The EIA Report was submitted to The Highland Council in May 2021. Subject to securing the appropriate permissions, consents and licences, Alvance intends to initiate construction in late 2021, with operation commencing no later than January 2024.



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