



Highlands and Islands Enterprise
Iomairt na Gàidhealtachd 's nan Eilean



BECOMING PART OF THE OUTER HEBRIDES RENEWABLE SUPPLY CHAIN

Introduction

In 2030, the anticipated launch of SSEN's Western Isles HVDC interconnector will mark a significant milestone for the Outer Hebrides. By expanding grid capacity and enabling additional renewable energy generation, this project is set to open new economic and industrial opportunities for the local supply chain.

This document provides an overview of the upcoming projects within the Outer Hebrides, highlights the associated supply chain opportunities, outlines the requirements for businesses to participate, and details the support mechanisms in place.

Potential Projects

Project	Developer	Capacity
<u>HVDC Interconnector</u>	SSEN Transmission	400kV
<u>Stornoway Wind Farm - Onshore</u>	Lewis Wind Power	200MW
<u>Druim Leathan - Onshore</u>	BayWa.r.e	50MW
<u>Uisenis - Onshore</u>	EuroWind	165MW
<u>Spiorad na Mara – Fixed Offshore</u>	Northland Power	900MW
<u>Talisk – Floating Offshore</u>	Magnora Offshore Wind	500MW
<u>Grimshader - Onshore</u>	RWE	50MW
<u>Heastabhal - Onshore</u>	RWE	50MW
<u>Havbredey – Floating Offshore</u>	Northland Power & ESB	1,500MW
<u>Deep Water Terminal South</u>	Stornoway Port Authority	

High-Level Supply Chain Opportunities

- Accommodation and Hospitality – i.e. long-term lease/ temporary accommodation
- Survey/ Consultation – i.e. archaeological, biometric, ecological, marine, etc
- Services – i.e. professional admin and planning, fire safety, catering, fabrication, etc
- Professional Services – i.e. for the supply chain, such as accountancy and legal
- Engineering – i.e. construction, cable installers/ jointers, above ground earthing, etc
- Hire – i.e. crane/lift, coach, boat, drone, etc
- Materials – i.e. concrete, secondary steel, cables, anchors and mooring systems, etc
- Static Hire – i.e. generators, skips, portaloos, portacabins, etc
- Services – i.e. oil filling, HV labour, etc
- Retail – i.e. small tools, safety equipment, butchery, water, office supplies, etc
- IT/ Telecoms – i.e. consultancy, web development, security, hardware, etc

* See Appendix 1 for more detailed Supply Chain requirement list

Policies and Procedures:

- Regulatory Compliance – Health and Safety; Permitting and Licensing; Risk Management
- Environmental - Sustainability Standards (carbon cost and green solutions); Biodiversity Protection
- Qualities and Operational - Supply Chain Management; Maintenance and Monitoring; Supplier Audits
- Community Engagement - Community Benefits/ Local Content Protocol; Transparency and Communication
- Ethical - Code of Conduct; CSR; Renewables Obligation

Accreditation:

- ISO 9001 Quality Management
- ISO14001 Environmental Management
- ISO 45001 Occupational Health and Safety

Support:

The Scottish Manufacturing Advisory Service (SMAS) offers a range of support services to help businesses gain ISO accreditation. Here are some key ways SMAS can assist:

1. OPERATIONAL REVIEWS:

SMAS conducts comprehensive operational reviews to identify areas for improvement and ensure your processes align with ISO standards.

2. EXPERT GUIDANCE:

You will have access to a team of experienced practitioners who provide tailored advice and support throughout the accreditation process.

3. TRAINING AND WORKSHOPS:

SMAS offers training sessions and workshops to help your team understand ISO requirements and implement best practices.

4. DOCUMENTATION SUPPORT:

Assistance with preparing and organising the necessary documentation for ISO certification, ensuring all required policies and procedures are in place.

5. CONTINUOUS IMPROVEMENT:

SMAS helps businesses adopt continuous improvement methodologies, which are crucial for maintaining ISO standards over time.

6. INDUSTRY 4.0 INTEGRATION:

Support in integrating digital technologies and Industry 4.0 practices, which can enhance your operational efficiency and compliance with ISO standards.

WAIVER:

The above is a general guide, each Developer and sub-contractor will have their own specific requirements, and their supply chain requirements will depend on the scope of work.