The UK Perspective.

As produced by Northumberland College.

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Northumberland College joined NREG in late 2004 and worked with TNEI and Narec in the development of the first UK wind programme.

Our first programme had four modules namely:

Erection Techniques.

Electrical Connections

Maintenance

Health & Safety.

And has become more specific to **MICRO GENERATION TECHNIQUES**.

Our Second programme is aimed specifically towards the ON/OFF Shore wind Farm Technician.

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Aims

Both qualifications aim to:

develop **knowledge and skills** related to the development of alternative sustainable, renewable energy in harnessing wind power;

aid the development of a **career structure** in this new area of employment by providing a nationally recognised qualification;

informed approach to **health and safety** issues;

supply chain management in the sustainable energy industries;

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The Level Three Programme.

The four modes of delivery lead to three distinct qualifications namely:

CPD Certificates for a minimum of two modules

Awards for a group of eight modules

Diplomas for more than eight modules.

This is to allow total flexibility in the delivery of the modules and attendance patterns for candidates.

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Programme Content (Wind).

Passport to Safety.

Health And Safety (Turbine Specific).

Sea Survival. Sea Safety and Radio Communications.

Working and Rescue at Height.

First Aid at Work.

Team Building.

Supply Chain Management. (Level 3 -4)

Environmental Awareness.

Mechanical Engineering

Electrical Engineering.

Data Transfer and Control Techniques. (Level 3 – 4).

Blade Technology.

Lifting Hooking and Strapping Techniques.

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The Proposed Foundation Degree.

As we are continuously developing the level 3 programmes the foundation degree is also changing to allow relevant progression and entry into **Higher Education at level 5/6**, at one of our partner universities.

The actual syllabus will be finalised once we have entered into partnering agreements.

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The Windskill Project. (Wind)

"The Windskill project is designed to **overcome critical non-technical barriers** to exploiting the growth potential of green electricity through wind energy. Despite the emergence of a truly European market **regulations on** the **qualification** of installation and maintenance staff (70% of the sector's workforce) **are still local and national** in scope and unaligned to the European market and thereby pose administrative barriers to achieving the Union's RES targets. The **industry-based network initiative** seeks to enrol authorities and sector stakeholders in the development of a **European Qualification Profile** for the key onshore and offshore process assignments, develop an appropriate **modularized curriculum** and **pilot training courses** to meet these requirements…. Finally, the project's full circle will include **Europe-wide recognition** and adoption of the established minimum standards via the extension of the network."

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The Power Plus Project. (Off Shore Wind)

1. Affirming the communication of the beneficial impacts of offshore wind to the public through innovative and well proven communication tools (WP1)

2. Creating a business platform to foster OWE development in the
NSR (WP2)

3. Adapting and preparing the skills and qualifications of the NSR workforce to the needs of OWE industry (WP3)

4. Succeeding in the management of the transnational offshore wind energy cluster (WP4)

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Help Us To Help You!

The WINDSKILL development teams, across Europe are currently trying to determine the job profile specifications of the on and off shore wind technician.

What I require is the English perspective of what an IDEAL TECHNICIAN should be capable of doing, their depth of knowledge from Health & Safety – Job Knowledge – Environmental Awareness.

This information will then be used to develop a European training platform allowing British and European technicians to work freely throughout the EU.

If you could forward your thoughts and ideas ASAP it would be very much appreciated.

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Ian Fisher

Head of Department (Renewable Energies).

Northumberland College,

College Road,

Ashington,

Northumberland,

NE63 9RG

01670 841200 ext 295.

Ian.fisher@northland.ac.uk

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