

Surf 'n' Turf Educational Facilities

Orkney College UHI



University of the
Highlands and Islands
Orkney College

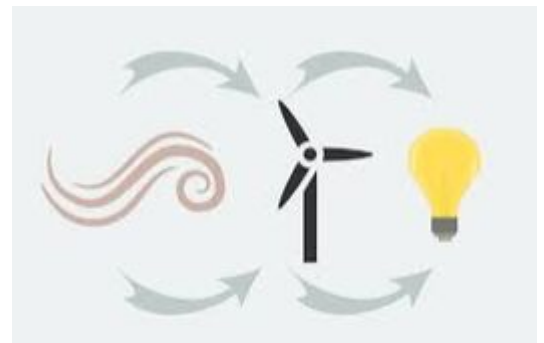
The project

Surf 'n' Turf is an innovative project in Orkney that uses **surplus renewable energy** to make hydrogen which is stored in **fuel cells**. Students at Orkney College UHI are learning this state of the art technology that allows renewable energy to be stored.



Results

- Interest in **engineering courses** has increased hugely in 2019 and the college has increased course offerings
- **Accredited courses** are taught using the hydrogen equipment due to the innovative technology design
- Students gain valuable **engineering skills** that enables them to **work** in a fast developing renewable sector in Orkney



SDGs

The project is an great example of **SDG4** that uses state of the art **technology** as part of an ongoing project that was designed for **experiential teaching and learning**

It is also an example of **SDG7** as the project provides an **innovative solution** to improving **renewable energy storage**

By providing students with **relevant skills** for the local engineering sector and increasing the likelihood of **on-Island employment**, the project support **SDG8**

