

## Lews Castle College UHI

### The project

The college is participating in the research stage of 'Taigh Zero', an initiative that involves **renovating** empty houses in the Scottish Islands, and substituting the traditional add-on unit with a **zero-energy** standard extension. These are usually old croft houses with very poor energy efficiency and as such difficult to heat effectively.



### Outcomes and implications

- As the extension unit will be in kit form, the units will be constructed by individual builders across the Islands, **benefitting local workforce**
- The project would help **address fuel poverty**, which is a major issue in the Scottish Islands
- High potential of success as the concept is relatively inexpensive compared to previous attempts to address the issue of empty houses and fuel poverty in the Highland and Islands



### SDGs

Aiming to **improve energy efficiency** of abandoned homes, by building zero-energy units, the project supports **SDG7**

As the project seeks to address the issues of **fuel poverty**, **poor housing** and **abandoned homes** which affect the **resilience of Scottish Islands' communities**, it also supports **SDG1** and **SDG11**

By working in **partnership** with **local enterprises** the project is also an example of **SDG17**

