

Active Building Centre
Bay Campus
Swansea University
Swansea
SA1 8EN

23/04/2020

Planning Dept
Swansea City and County Council
Civic Centre,
Oystermouth Rd,
Swansea
SA1 3SN

Letter of support – Y Twyni Planning Extension

Dear Sirs

The Active Building Centre in conjunction with Swansea University (Bay Campus) is hoping to gain an extension to an existing temporary planning permission. The Building is question is a temporary classroom located on the bay campus. The aspiration is that we can make a temporary classroom “active” and by doing do learn more about net zero carbon building behaviour in real time.

Some background to assist you:

1. The Active Building Centre seeks to revolutionise the way the UK designs, constructs and operates buildings by realising the potential for the integration of innovative renewable energy generation and storage technologies, coupled with state-of-the-art digital design.
2. Our aim is to deliver a pipeline of Active Building demonstrators and projects. We aim to prove the case for a national adoption of Active Buildings, which has the potential to substantially reduce both the operational costs of buildings and their demand on the UK energy infrastructure
3. The Active Building Centre is funded by UKRI as part of the Transforming Construction Challenge through the Industrial Strategy Challenge Fund (ISCF). ISCF addresses the major industrial and societal challenges of our time.
4. Transforming Construction seeks to make buildings more affordable, efficient, safer and healthier. Active Buildings contribute to the Clean Growth Grand Challenge aiming to at least half the energy use of new buildings by 2030
5. The majority of new developments are being constructed in a sustainable and energy efficient manner but as you know it is the existing building stock which is causing the main carbon issue in the UK. This proposal is an opportunity to demonstrate how existing stock can be made ‘active’ and could be a game changer in how we look to refurbish existing stock.
6. The Active Building Centre has £1.5M allocated to add upgrades to the Y Twyni building, the solar PV and MW energy storage system are already approved under the original application so no additional variations to the current planning are required.
7. The Active Building Centre is looking for the council to extend the term of the original permission for an additional 5 years, the project once installed will have a 5 year learning window with the option to be integrated with other technologies planned on the site for the future. The extension will enable the Active Building Centre to gain valuable learning around the real-world application of active buildings and their interaction with renewable technologies. This learning we be combined with the existing models to further better buildings for all.

Whilst writing, I would like to take this opportunity to thank both Swansea University and the team at Swansea Council for the excellent level of continued professional support you provide.

I look forward to hearing from you should you have any queries .

Yours Faithfully



Lee Chambers
Chief Commercial Officer
Active Building Centre