

An Old Toilet Becomes a Model Building for a Sustainable Future

The conversion of the **derelict toilet in Llandaff** has thrown up many challenges, including the discovery of a previously unknown **medieval hall house** beneath its foundations.

However, one of the aims of the conversion is to provide an eco-friendly building with **low running costs and near zero carbon footprint** to facilitate activities and volunteering for older people. So, Llandaff 50+ was delighted to learn that its building will have an **'A' energy rating** making it a **near zero energy building** despite its 1930s construction and various extensions.

Working with **Downs Merrifield Architects, Severn Wye Agency and Welsh Government**, the building, which is the size of a small bungalow, will be an exemplar for sustainability for all domestic refurbishment and conversions. The addition of solar slates and panels, rainwater harvesting, triple-glazing, heat exchanger and an air source heat pump will greatly reduce heating and lighting costs whilst ensuring a warm, comfortable environment for older people to meet.

Local contractors, **A&N Lewis** have just begun the conversion work, following an extended community archaeological dig led by **Dr Tim Young of GeoArch**. Local suppliers will be providing materials, wherever possible, and contributions have been given from the nearby **Plasdwr** development.

Llandaff 50+ will be working with **local schools** during, and after, the conversion as part of their sustainability studies. The processes will be highly visible and easily monitored by schoolchildren and visiting groups, and will provide the basis for talks on eco retrofits to local residents. It is expected that seminars will be held for architects, engineers and ecologists at The Pound.

The capital build for The Pound is being funded by the Welsh Government, and Llandaff 50+ has launched two ways to contribute to the exciting eco project. Our Eco Pioneers (*see right*) and our Eco Champions who can donate on a crowdfunding site which is currently being developed.

The Pound – Eco, Energy & Sustainability Learning

Be part of this exciting new initiative by Llandaff 50+

Be an Eco Pioneer at The Pound by donating now and helping us to invest in the eco initiatives that will help future generations

If you are interested in promoting Eco-friendly buildings, energy-saving and sustainability, or know someone who may like to support this initiative, please let us know. We are also looking for Trusts/ Foundations or local businesses that may wish to support this venture

***I would like to be an Eco Pioneer, my details are below:**

***Please send the invitation(s) to be an Eco Pioneer to:**

Name _____

Email address _____

Address _____

Postcode _____

Please complete this invitation and return it to Llandaff 50+ by email: thepound@llandaff50plus.co.uk or by post to: 34, Insole Grove East, Llandaff CF5 2HP



*delete where applicable