

Innovative Housing Programme – IHP Year 2 (2018-19)

Scheme List - Short Description

002/18	Carmarthenshire Council	Pentraf Gardd	Panelised using Ty Solar System larch clad, spruce framing. Local potential to supply 100 homes per annum, local labour
004/18	Denbighshire Council	Tan Y Sgubor, Denbigh	Objective to create factory to supply North Wales homes. Homes constructed by subsidiary, Creating Enterprise. Using Beattie Passivhaus, Local supply chain
005/18	Cardiff Council	Former Laboratory, Crofts Street, Roath	Volumetric – using Homeshell System. Claims 90% off site manufacture
006/18	ATEB	Boncath	Panelised Ty Solar system. Mix of over 55s apartments and family houses. Welsh timber frame and cladding, cellulose insulation, clay-based paints for low-pollutant carcinogen-free environment
007/18	Newydd HA	Cwrt Canna	Using Beattie Passivhaus. Meeting community need, includes commercial units. Developing local economy. 12 Prisoners will be trained to build the homes.
008/18	Anglesey Council	Tre Ifan, Ynys Mon	Sub assemblies and components in partnership with Woods of Wales. Using Ty Unnos system and Welsh timber (spruce). Aim to develop sustainable Welsh timber industry
009/18	LivEco	Great Farm House	Timber frame/cassette system. Air-tight envelope, increased insulation, heat-pumps, MVHR, PVs and batteries. A new model for healthy, sustainable, all-electric homes on a commercial footing.
010/18	Clwyd Alyn	Land opposite Maes Derwen	Panelised using a fabric first approach, highly insulated using external wood fibre insulation, passive stack ventilation. Includes a whole life carbon assessment
011/18	Cardiff Council	Highfields	Passivhaus, with the use of local timber and providing skills training opportunities. All can be rolled out at scale
013/18	Flintshire Council	Land at St Andrews Church,	Uses an open timber frame (conventional). Developing community based hub to provide homes and training for vulnerable people.

014/18	Newydd HA	Stonehouse	Homes as Power Stations. SIPS, integrated PV, Transpired Solar Collector (TSC), Ground Source Heat Pump. Resident with care needs
016/18	Newydd HA	The Goods Shed	Mixed use scheme incorporating retail and business use. Focus on health, well being and place.
018/18	Swansea Council	Land at Parc Helyg	Homes as Power Stations combining renewables (PV, batteries, GSHP and MVHR) with 'Swansea Standard' fabric first timber frame. Collaboration with SPECIFIC / Swansea City Deal
019/18	Cartrefi Conwy	Tros Y Afon, Llanrwst	Panelised, using Beattie Passivhaus. Objective to create factory to supply North Wales homes. Homes constructed by subsidiary, Creating Enterprise. Local supply chain.
020/18	Cartrefi Conwy	Old Garage Site, Conwy	Using Beattie Passivhaus, to develop small podded accommodation for Meanwhile Objective to create factory to supply North Wales homes. Homes constructed by subsidiary, Creating Enterprise. Local supply chain.
026/18	United Welsh	Former Trelai Community Centre	Using a green energy model to reduce energy use and provide energy storage. Also develop a local supply chain
028/18	Powys Council	Bowling Green, Back Lane, Newtown	Demonstrating the use of Welsh timber to develop the Welsh timber Industry. Using local timber, wood fibre insulation. Developing of Powys Wood Encouragement policy
032/18	Wales & West HA	Bryn Bragl, Bridgend	Homes as Power Stations. Energy positive homes on 'Solcer House' model with PV, Transpired Solar Collectors, thermal & electrical storage.
036/18	Gwynedd Council	Cartrefi Clyd	Volumetric, Passivhaus, movable adaptable pods built to passivhaus standard for single occupancy for people with complex needs
039/18	CC Gwynedd	Pennant Hall, Penmaenmawr	Sub Assemblies and components, residential project demonstrating use of structural timber (massive wood) over 4 storeys. Locally sourced timber. Dowel Laminated Timber (DLT) components manufactured off site.
041/18	Pobl/Sero Homes	Land at Parc Eirin	Homes as Power Stations. Fabric first with integrated PV/Solar Thermal (PVT) 'Active Roof' & shared Heat Pump & Thermal Store (Mini-Networks). Innovative investment structure.
047/18	Coastal HA	Land at Pennard Drive, Pennard, Swansea	Community benefit, demonstrating the benefit of building 'healthy' homes by design and choice of materials. Using Welsh timber.

048/18	Coastal HA	Land at Crown Way, Llandarcy, Neath Port Talbot	Modular/Volumetric. Innovation park to showcase modular/volumetric & compare systems from Wales & abroad. Collaboration with SPECIFIC.
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