

Energy Efficiency Retrofit Across Wales



SAVE MONEY
on your procurement
of building products
and services





Procurement with a difference

As a public sector organisation, we developed this framework to meet demands that we have felt in delivering energy efficiency and renewable energy projects. We can now offer that service to the rest of the public sector across Wales.

We can offer customers several levels of support depending on what works best for your organisation. You can elect to use the framework only, procure through the framework and use the bespoke software package for cost control and visibility, or elect for different levels of full project and grant funding management support that our team can deliver. If you are a registered social landlord, local authority or other public sector body looking to install energy efficiency or renewable energy measures, we have a procurement solution for you.

For more information please contact us:

 01352 703434

 FlintshireRegen@flintshire.gov.uk

Or fill out the form below and return to:

Energy Efficiency Retrofit Across Wales
Flintshire County Council, County Offices, Flint. CH6 5BD

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- 09. Insulation - Whole House
- 10. Heating
- 11. Heat Pumps
Solar
- 12. Heat Recovery
Windows
Cavity Wall Insulation Extraction

Energy Efficiency Retrofit Across Wales - inquiry form

Name: Organisation Name:

Contact Telephone Number: Contact Email:

Optional questions:

What types of projects would you be most likely to procure through the framework?

Approximately what value project would you be interested in procuring through the framework £

Do you have any further questions about the framework?

Why do we need to do Domestic Energy Efficiency Retrofit?

The Welsh Government has set ambitious targets for the public sector to meet to achieve carbon emissions, sustainability, and fuel poverty reduction targets.

These drivers include:

- Well Being of Future Generations Act
- Environment Act

The Welsh Government is required to meet a target of a 2.28MtCO₂/year reduction from 1990 base levels, by 2020 (3% year on year)

To achieve this all 1.3 million homes need to be improved:

- 220,000 Cavity walls filled
- 749,000 loft insulation
- 336,000 external and internal solid wall insulation
- 50,000 boiler replacements
- 405,000 heat pumps or Biomass boilers

Reduction of Fuel Poverty:

- Over 20,000 preventable winter deaths each year
- 400,000 households in fuel poverty in Wales

Proposed link between rent and SAP for social housing energy efficiency standards:

- For each SAP point above 65 rents are increased by 0.3%
- For each SAP point below 65 rents are decreased by 0.5%



Why this Framework?

We know there are a lot of frameworks around, but none specifically built with Wales in mind.

We offer...

- A simple and OJEU compliant procurement route for all energy efficiency retrofit schemes
- To capitalise on the available external funding - often provided at short notice
- A single framework to provide for all requirements through direct call off or mini competition

Our housing presents many challenges and opportunities from off gas estates to solid ruabon red brick properties.

- Focuses on whole house energy retrofit - On and off gas properties
- Designed for mixed tenure projects - private/public sector split
- Ongoing visibility of cost throughout project
- Specialist procurement resource and ongoing comparison of costs with market rate regionally
- Labour materials split and lotting structure allow any size business to participate - The framework will run for two years with the option to extend for a further two years as needed.
- Incorporates all aspects of Welsh Community Benefit Toolkit and helps projects meet more aspects of WBFGAct and Environment Act.
- Allows for quick call-off whenever funding becomes available.
- Optimised to include ECO 3 measures
- Option to aggregate property lists for more ECO funding, potential for better visibility and control of ECO funding, rather than being tied to one supplier
- Different levels of support available, from use of the framework only, assistance with project development/area modelling, up to full project management if needed.



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📧 FlintshireRegen@flintshire.gov.uk

Overview of lots

Materials

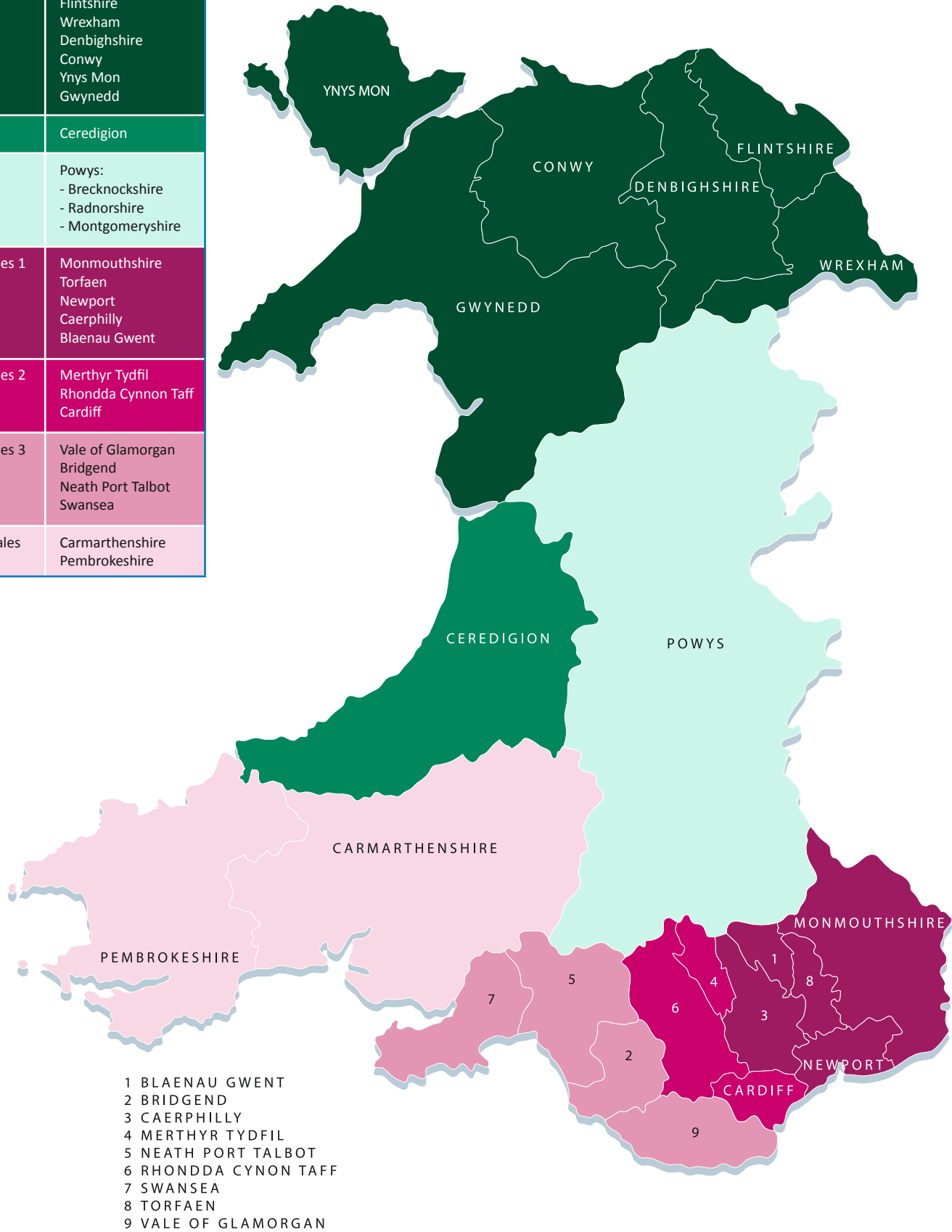
Lot Number	Lot Name	Supply Chain / Delivery
1	Supply of gas boilers	Via distributor / merchant
2	Supply of heating controls	Via distributor / merchant
3	Supply of radiator valves	Via distributor / merchant
4	Supply of radiators	Via distributor / merchant
5	Supply of heat recovery ventilation system	Via distributor / merchant
6	Supply of air source heat pumps	Via distributor / merchant
7	Supply of ground source heat pumps	Via distributor / merchant
8	Supply of solar thermal panels	Via distributor / merchant
9	Supply of solar photovoltaic panels	Via distributor / merchant
10	Supply of external wall insulation - expanded polystyrene systems	Direct Delivery
11	Supply of external wall insulation - mineral wool system	Direct Delivery
12	Distribution and supply of electrical goods	Direct Delivery
13	Distribution and supply of plumbing and heating materials	Direct Delivery

Labour

Workstream Number	Categories
Installation of boilers and associated heating works	Gas combination boilers Oil fired boilers System boilers Full heating systems Upgrades to radiators, heating controls, room thermostats, TRVs
Installation of insulation and associated works	Mineral wool external solid wall insulation EPS external solid wall insulation Loft insulation Internal solid wall insulation Cavity wall insulation Roof insulation Flat roof insulation Underfloor insulation Park home EWI
Installation of heat pumps and associated works	Air source heat pumps Ground source heat pumps Maintenance package
Installation of solar panels and associated works	Solar thermal panels Solar photovoltaic panels Remote monitoring kit Maintenance package
Installation of heat recovery systems and associated works	Heat recovery ventilation system Maintenance package
Installation of windows and associated works	PVCu Windows Secondary glazing Upgrades of existing windows
Cavity wall insulation extraction and associated works	Cavity wall insulation extraction

Map of Wales showing Geographical split

Area	Sub-Area
North Wales	Flintshire Wrexham Denbighshire Conwy Ynys Mon Gwynedd
Mid Wales 1	Ceredigion
Mid Wales 2	Powys: - Brecknockshire - Radnorshire - Montgomeryshire
South East Wales 1	Monmouthshire Torfaen Newport Caerphilly Blaenau Gwent
South East Wales 2	Merthyr Tydfil Rhondda Cynnon Taff Cardiff
South East Wales 3	Vale of Glamorgan Bridgend Neath Port Talbot Swansea
South West Wales	Carmarthenshire Pembrokeshire



Valueworks

Valueworks provide a collaborative platform for Property Owners / Managers, Maintenance Teams and Builders Merchants

- A Software as a Service platform
- Strong customer references
- Software integrates easily and quickly to current CRM, ERP, housing management and finance systems used by local authorities / social landlords, internal labour team and merchants
- Purchased via single award from Government Framework. Annual license fee cost for software and hosting with a variety of support packages to suit each client's individual needs

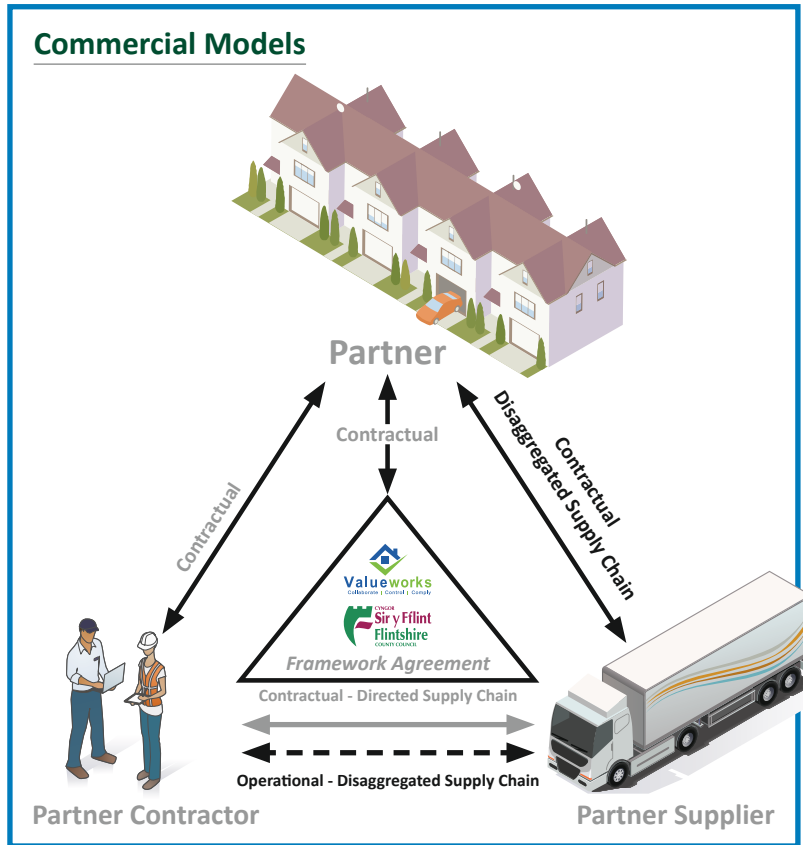
A collaborative software platform that ensures better...

Commercial control

- The collaborative online platform manages detailed work schedules and commercials to agreed standards and specifications
- Contract transparency with granular commercial information, in single place
- Locking down supplier inputs – allowing the local authority / social landlord to control any commercial negotiations and management of variations and exceptions

Automated pricing to commercial terms

- Clear audit trail of ordering and dispute resolution
- Automated business processes
- System controlled workflow configured to reflect the local authorities / social landlords model of improved business processes and financial control

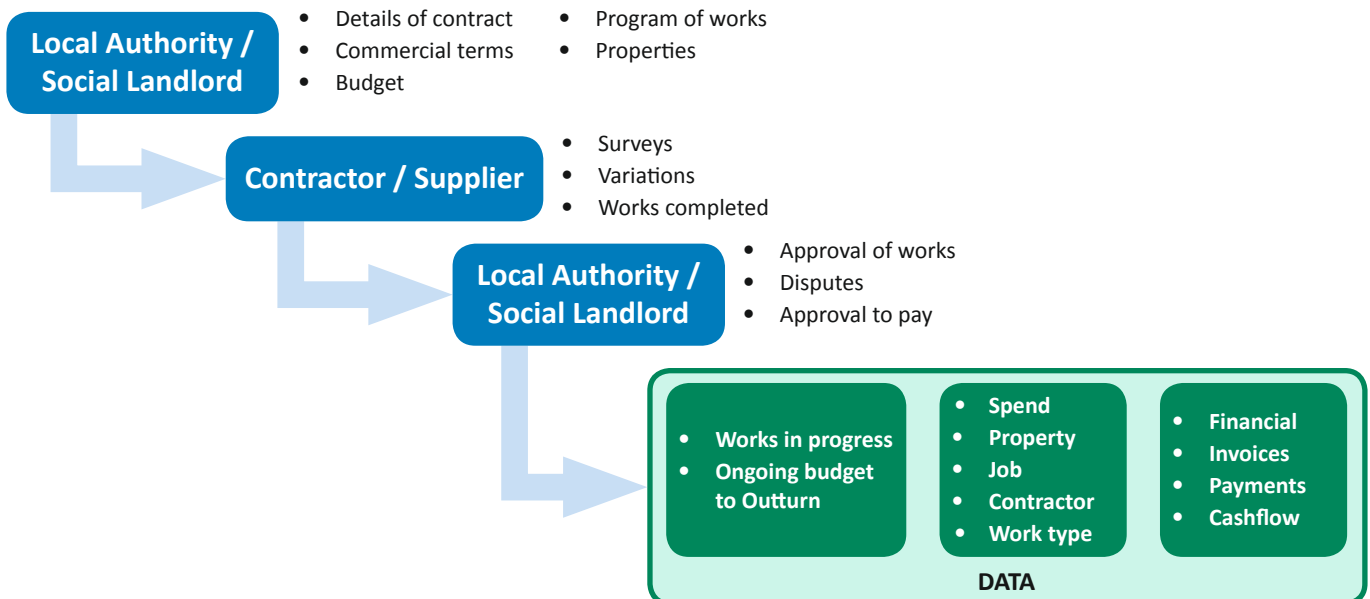


- Full transparency of materials consumed and labour used
- Simple integration with other systems e.g. Orchard

Data and insights

- Accurate and consistent data reporting against current cost model structure to free existing staff resource to focus on more value adding activity
- Automated data transfer, reduced risk of error, and improved governance
- Reporting to identify cost exceptions

How the platform works...



How the framework operates

Flintshire County Council developed the framework to be convenient and comply with typical public sector procurement processes. It allows public sector bodies to easily and flexibly procure OJEU-tendered materials and labour.

Contractors and suppliers can be appointed by direct call-off or mini competition, whichever the organisation using the framework feels is most appropriate.

The framework is planned to run for 4 years, with an extension in 2 years time.



What we can offer you:

The framework has been optimized to include major energy efficiency and micro-renewable measures, including all major measures listed in the Energy Company Obligation Utility Funding as well as measures being installed to achieve Welsh Housing Quality Standard's SAP minimum and beyond. We have included major measures recognised and installed under EU and Welsh Government funded energy efficiency and fuel poverty programmes to enable a Whole-House Approach.

All contractors in each area lot have been listed in their ranked order. Subject to capacity, project value, and the specific project needs, any one of these contractors may be called off.

Community Benefit

All contractors and suppliers have been asked as part of their tendering for this framework how they will comply with the Value Wales Community Benefits Toolkit. This enables local authorities, housing associations, and other

public sector bodies in Wales to maximise the local benefits to the communities these projects take place in, beyond the physical improvement works. Our contractors are committed to delivering against the Value Wales toolkit through employment and training opportunities, support for vital community based services, social enterprises and education, and other benefits that will make your pound stretch further. Using contractors who are familiar with this toolkit also makes reporting back to funders that much more straightforward.





1 INSULATION (Solid wall, loft, cavity and others)

North Wales

- SERS Energy Solutions Ltd
- Wall-lag Ltd
- Sustainable Building Services (UK) Ltd.
- Egnida Limited
- Torus Property Solutions
- Warmer Energy Services
- A Connolly Ltd
- Keepmoat Regeneration Ltd

Mid Wales 1

- A E Insulation Ltd
- SERS Energy Solutions Ltd
- Sustainable Building Services (UK) Ltd.
- Egnida Limited
- Thomas CMS (Holdings) Ltd

Mid Wales 2

- A E Insulation Ltd
- SERS Energy Solutions Ltd
- Sustainable Building Services (UK) Ltd.
- Egnida Limited
- A Connolly Ltd
- Thomas CMS (Holdings) Ltd

South East Wales 1

- A E Insulation Ltd
- A & M Energy Solutions Ltd
- SERS Energy Solutions Ltd
- Egnida Limited
- Sustainable Building Services (UK) Ltd.
- Everwarm Limited
- Thomas CMS (Holdings) Ltd
- Hamilton Building Contractors Ltd

South East Wales 2

- A E Insulation Ltd
- SERS Energy Solutions Ltd
- Egnida Limited
- Sustainable Building Services (UK) Ltd.
- Herbert T Forrest Ltd
- Everwarm Limited
- Thomas CMS (Holdings) Ltd
- Hamilton Building Contractors Ltd

South West Wales

- A E Insulation Ltd
- SERS Energy Solutions Ltd
- Egnida Limited
- Sustainable Building Services (UK) Ltd.
- Thomas CMS (Holdings) Ltd
- Hamilton Building Contractors Ltd
- Joyner P.A. Cymru Ltd
- Kensington Property Group

South East Wales 3

- A E Insulation Ltd
- SERS Energy Solutions Ltd
- Egnida Limited
- Sustainable Building Services (UK) Ltd.
- Herbert T Forrest Ltd
- Everwarm Limited
- Thomas CMS (Holdings) Ltd
- Hamilton Building Contractors Ltd

External Wall Insulation materials on the framework

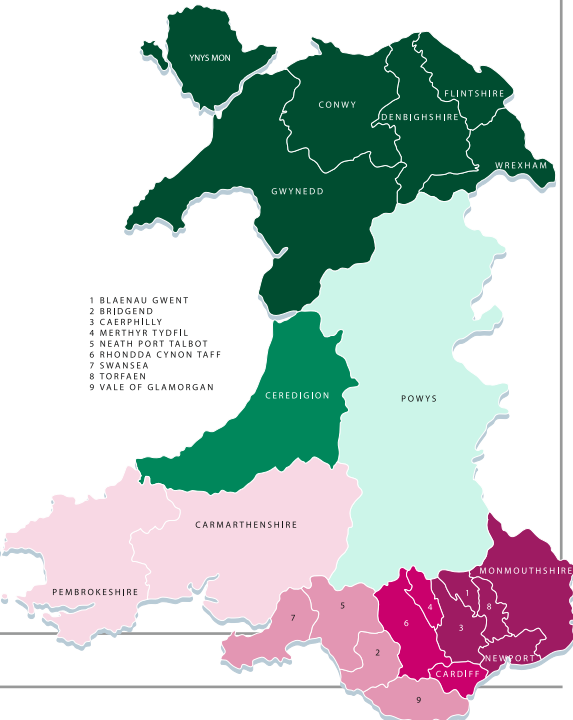
Lots 11 and 12 - Supply of external wall insulation - expanded polystyrene systems OR mineral wool system

Direct delivery



Insulation:

Our contractors can install mineral wool and EPS (expanded polystyrene) systems. We also offer direct delivery from supplier of materials to maximise value for money and transparency of costs for you. The labour contractors on the framework have also priced for installation of loft insulation, mineral wool and bonded bead cavity wall insulation, flat roof and internal insulation, together with a range of standard detailing/enabling works associated with doing this type of works. You can therefore appoint a contractor knowing all elements of your project are priced for and accounted for with minimal variation.



2

HEATING - Installation of boilers and associated heating works

Heating:
Our heating offerings allow for full cost transparency and purchase of boilers, radiators, and valves and use of a range of installers able to deliver anywhere from urban centres to rural communities in Wales.



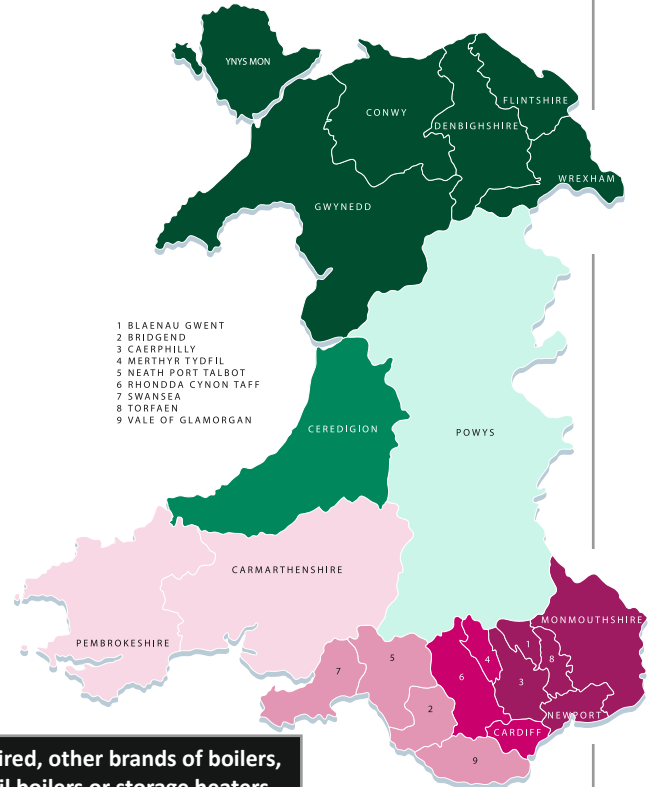
- North Wales**
- Warmer Energy Services
 - Wall-lag Ltd
 - Herbert T Forrest Ltd
 - Rothwell Plumbing Services
 - Keepmoat Regeneration Ltd

- Mid Wales 1**
- A E Insulation Ltd
 - Gibson Specialist Technical Services
 - Northern Gas Heating Limited

- Mid Wales 2**
- Colin Laver Heating Limited
 - A E Insulation Ltd
 - Cliftons Of Wrexham Ltd.
 - Gibson Specialist Technical Services
 - Northern Gas Heating Limited



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- South East Wales 1**
- British Gas Social Housing Ltd trading as PH Jones
 - Colin Laver Heating Limited
 - Gas Tech (Wales)
 - A E Insulation Ltd
 - JLT Plumbing and Heating Ltd

- South East Wales 3**
- Herbert T Forrest Ltd
 - Colin Laver Heating Limited
 - Gas Tech (Wales)
 - British Gas Social Housing Ltd trading as PH Jones
 - A E Insulation Ltd
 - JLT Plumbing and Heating Ltd

- South East Wales 2**
- Herbert T Forrest Ltd
 - Colin Laver Heating Limited
 - Gas Tech (Wales)
 - British Gas Social Housing Ltd trading as PH Jones
 - A E Insulation Ltd
 - JLT Plumbing and Heating Ltd

- South West Wales**
- Colin Laver Heating Limited
 - Gas Tech (Wales)
 - A E Insulation Ltd
 - JLT Plumbing and Heating Ltd
 - Gibson Specialist Technical Services

Additionally if required, other brands of boilers, and, for example, oil boilers or storage heaters, if needed can be purchased through the merchants:

Distribution and supply of plumbing and heating materials

Direct delivery

Graham
The Plumbers' Merchant

WOLSELEY

Supply of radiator valves

Via distributor / merchant

PY
Pegler Yorkshire
connect & control

Danfoss

Other Heating-related materials - Supply of heating controls

Via distributor / merchant

Danfoss

Supply of radiators

Via distributor / merchant

QFL
RADIATOR GROUP
MAKING PEOPLE WARMER



3

Installation of heat pumps and associated works

North Wales

Warmer Energy Services
Rothwell Plumbing Services
Egnida Limited
Thermal Earth Ltd
Warm Front Limited

South East Wales 1

Egnida Limited
Thermal Earth Ltd
Colin Laver Heating Limited
Northern Gas Heating Limited
Gibson Specialist Technical Services

South East Wales 3

Egnida Limited
Thermal Earth Ltd
Colin Laver Heating Limited
Northern Gas Heating Limited
Gibson Specialist Technical Services

Mid Wales 1

Egnida Limited
Thermal Earth Ltd
Northern Gas Heating Limited
Gibson Specialist Technical Services

South East Wales 2

Egnida Limited
Thermal Earth Ltd
Colin Laver Heating Limited
Northern Gas Heating Limited
Gibson Specialist Technical Services

South West Wales

Egnida Limited
Thermal Earth Ltd
Colin Laver Heating Limited
Northern Gas Heating Limited
Gibson Specialist Technical Services

Mid Wales 2

Egnida Limited
Thermal Earth Ltd
Colin Laver Heating Limited
Northern Gas Heating Limited
Gibson Specialist Technical Services



Heat Pumps:

Heat pumps are a great option for well-insulated off-gas properties, but are often not included as standard on other frameworks. We offer direct purchase of ground and air source heat pumps from the source to maximise value for money. Our installation contractors are experienced in heat pump installation and customer care throughout the process.



Materials

Supply of air source heat pumps

Supply of ground source heat pumps

Via distributor / merchant



Installation of solar panels:

We offer purchase of both solar thermal and solar PV panel through the framework together with a network of installers across Wales. Our labour contractors have also priced for a standard service package for solar thermal and solar PV, so your maintenance contract can also be procured through the framework once installation is complete.

4

Installation of solar panels and associated works

North Wales

Warmer Energy Services
Joju Ltd
Thermal Earth Ltd
Rothwell Plumbing Services
Egnida Limited

Mid Wales 1

Joju Ltd
Thermal Earth Ltd
Gibson Specialist Technical Services
Egnida Limited
Thomas CMS (Holdings) Ltd

Mid Wales 2

Joju Ltd
Colin Laver Heating Limited
Thermal Earth Ltd
Gibson Specialist Technical Services
Egnida Limited



Materials

Supply of solar thermal panels

Via distributor / merchant



South East Wales 1

Joju Ltd
Colin Laver Heating Limited
Thermal Earth Ltd
Gibson Specialist Technical Services
Egnida Limited

South East Wales 2

Joju Ltd
Colin Laver Heating Limited
Thermal Earth Ltd
Gibson Specialist Technical Services
Egnida Limited

South East Wales 3

Joju Ltd
Colin Laver Heating Limited
Thermal Earth Ltd
Egnida Limited
Gibson Specialist Technical Services

South West Wales

Joju Ltd
Colin Laver Heating Limited
Thermal Earth Ltd
Gibson Specialist Technical Services
Egnida Limited

Supply of solar photovoltaic panels

Via distributor / merchant



5 Installation of heat recovery systems and associated works

North Wales
 Rothwell Plumbing Services
 Warmer Energy Services
 Egnida Limited

Mid Wales 1 & 2, South East Wales 1, 2 and 3, South West Wales
 Egnida Limited



Materials
 Supply of heat recovery ventilation system
 Via distributor / merchant



6 Installation of windows and associated works

North Wales
 A Connolly Ltd
 Herbert T Forrest Ltd
 Anglian Windows Limited
 Frank Rogers Limited
 Wall-lag Ltd

Mid Wales 1
 Anglian Windows Limited
 Sustainable Building Services (UK) Ltd.
 Sovereign Group Limited

Mid Wales 2
 A Connolly Ltd
 Anglian Windows Limited
 Sustainable Building Services (UK) Ltd.
 Sovereign Group Limited

South West Wales
 Anglian Windows Limited
 Sustainable Building Services (UK) Ltd.
 Sovereign Group Limited

South East Wales 1
 Anglian Windows Limited
 Sustainable Building Services (UK) Ltd.
 Sovereign Group Limited

South East Wales 2
 Herbert T Forrest Ltd
 Anglian Windows Limited
 Sustainable Building Services (UK) Ltd.
 Sovereign Group Limited

South East Wales 3
 Herbert T Forrest Ltd
 Anglian Windows Limited
 Sustainable Building Services (UK) Ltd.
 Sovereign Group Limited



7 Cavity wall insulation extraction and associated works

North Wales
 SERS Energy Solutions Ltd
 Everwarm Limited
 Sustainable Building Services (UK) Ltd.
 Torus Property Solutions
 A & M Energy Solutions Ltd
 Keepmoat Regeneration Ltd
 Wall-lag Ltd
 Warm Front Limited

Mid Wales
 SERS Energy Solutions Ltd
 Sustainable Building Services (UK) Ltd.
 A & M Energy Solutions Ltd
 Cavity Wall & Loft Clearance Solutions Ltd
 Thermabead Ltd.
 Thomas CMS (Holdings) Ltd
 A Connolly Ltd
 Evolve Home Energy Solutions

Materials
 Distribution and supply of electrical goods
 Direct delivery

 Via distributor / merchant

South West Wales
 SERS Energy Solutions Ltd
 Sustainable Building Services (UK) Ltd.
 Cavity Wall & Loft Clearance Solutions Ltd
 Thermabead Ltd.
 Thomas CMS (Holdings) Ltd
 Evolve Home Energy Solution

