

The Housing Sector & Net Zero

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Scott Foster Video

https://drive.google.com/file/d/1JTndV2Y_1PRZ5TV3-4cSq22xInteJKB3/view?usp=drive_web



An Existential Threat

- A 4–6°C hotter Earth would likely mean a planet with large uninhabitable regions, collapsing ecosystems, massive sea level rise, severe food and water insecurity, and unprecedented human displacement and conflict. It is considered the difference between a difficult but manageable crisis (at 1.5–2°C) and a potential **civilizational breakdown** scenario.
- Every moment of inaction today will show in 20 years time
- The buildings we live and work in are main driver of change

Policy Landscape

The **Climate Change Act 2019** for Scotland to become a Net Zero country 2045

Energy Efficiency Scotland (EES)

Heat in Buildings Strategy (HiBS)

Energy Efficiency Standard for Social Housing (EESSH)/Social Housing Net Zero Standard (SHNZS)

Local Heat & Energy Efficiency Strategy (LHEES)

The **Fuel Poverty Act 2019** and the eradication of fuel poverty by 2040 within all housing

The **Scottish National Adaptation Plan** - 2029

2024



Most People think of Net Zero as:

- **Fabric First & Heat Pumps**
- Insulating homes to reduce heat loss (walls, roofs, floors, windows).
- Installing low-carbon heating (e.g. heat pumps, district heating).
- Transitioning away from gas boilers in line with UK net zero targets.
- Smart energy systems to manage demand and reduce fuel poverty.





Others add:

- **Overheating Protection**

- Designing and retrofitting homes to avoid summer overheating.
- Use of shading (blinds, shutters, planting), ventilation, and reflective materials.
- Thermal modelling in new builds to meet overheating risk standards (e.g. CIBSE TM59).

- **Moisture & Damp Resilience**

- Addressing condensation and damp, which worsen under wetter winters.
- Improved ventilation systems (MVHR, trickle vents).
- Moisture-tolerant building materials and improved maintenance regimes.

- **Building & Asset Management**

- Long-term maintenance strategies that factor in climate risk (e.g. more frequent extreme weather).
- Use of durable, low-carbon materials for retrofit and new build.
- Digital monitoring of building performance (sensors for damp, temperature, energy use).

And it also:

- **Green & Blue Infrastructure**
 - More green space (trees, planting, community gardens) for shade and cooling.
 - Rain gardens, green roofs, and permeable surfaces for water management.
 - Biodiversity improvements that also improve resident wellbeing.
- **Risk Management**
 - Locating new developments away from high flood-risk zones.
 - Flood resilience measures for existing stock (elevated electrics, flood doors, water-resistant materials).
 - Sustainable Drainage Systems (SuDS) around estates to reduce surface water flooding.



Most Importantly it needs:

- **Community & Social Resilience**
- Supporting residents in understanding and preparing for climate risks.
- Ensuring affordable warmth to tackle fuel poverty.
- Emergency preparedness (e.g. communication plans for heatwaves or floods).
- Protecting vulnerable tenants (elderly, disabled, low-income households) from climate impacts.



If we plan we can.....



We can maximise the outcomes for our customers now. Sustainable and Healthy homes is how we put the customers at the heart of what we do.



Designing solutions towards reducing or removing fuel poverty means we can have real discussions on how we finance the transition in a real timeframe.



Having real plans allows the sector to provide visibility to the construction sector to recruit and train towards our delivery needs and phase investment



We can use these plans to ensure a fair start in training and employment for our communities

★ EASY ★

WIFI

PfP Thrive is a purpose lead training organisation that creates opportunities in employment and training for those that need it the most. Your organisation can add significant social value in one of the 3 ways below.

Option 1

Hire an Apprentice and Build a Thriving Future

Give someone the opportunity to launch a meaningful career while strengthening your team.

PfP Thrive specialises in recruiting apprentices from diverse and underrepresented backgrounds, including:

- Lower socio-economic groups
- Ethnically diverse communities
- Ex-military personnel
- Ex-offenders

Apprenticeship Areas Available

You hire the apprentice — PfP Thrive delivers the training in one of the following areas:

- Multi-Trade
- Plumbing
- Carpentry
- Electrics
- Housing
- Customer Service
- Leadership

Cost

- Apprentice Salary: Paid by your organisation
- Training Costs: Covered by the Apprenticeship Levy Fund (England only) Please enquire for specific course cost.

Option 2

Sponsor Someone from Unemployment to a Career in Trades

Make a lasting impact by helping someone transition from unemployment to a sustainable career.

PfP Thrive offers a sponsorship programme designed to equip unemployed individuals with the skills, knowledge, and behaviours needed to thrive in the trades sector.

Programme Highlights

- 9-week intensive training in multi-trades
- Formal qualification upon completion
- Employability support to secure long-term employment
- Focus on practical skills, confidence building, and career readiness

Cost

- £7,000 per learner sponsored
- Your sponsorship helps change lives — one career at a time.

Contact and bookings -

pfpthrivebookings@placesforpeople.co.uk

Option 3

Develop Your Customers with Engaging, Practical Training

Empower your customers with the skills they need to succeed in everyday life and employment.

PfP Thrive delivers high-quality, interactive training sessions on a wide range of essential topics, including:

- CV & Cover Letter Writing
- Interview Skills
- Digital Skills
- Customer Service
- Banking Basics
- House Repairs & Maintenance

Flexible Delivery

Cost

Training can be delivered at a location that suits your customers, ensuring accessibility and comfort.

- £1,500 per day of training
- Minimum and maximum participant numbers apply (please enquire for details)

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2025 BAC Summit Summary Report

Bridges to a Sustainable Future:
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