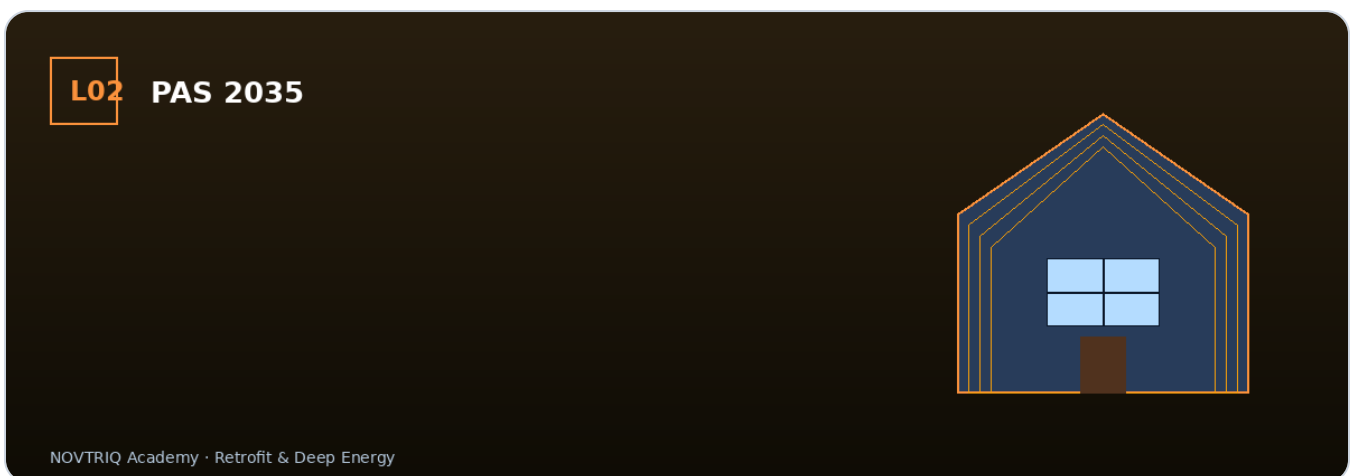


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RETROFIT & DEEP ENERGY RENOVATION

# PAS 2035 — The UK Whole-House Retrofit Standard

*PAS 2035 — UK whole-house retrofit standard.*



NOVTRIQ Academy · **Retrofit & Deep Energy Renovation** Lesson 2 of 8

PAS 2035:2023 sets the framework for whole-house retrofit in the UK. Required for grant-funded retrofit. Covers assessment, design, installation, monitoring.

This lesson walks through the framework.

## Learning objectives

Remember	Key concepts.
Understand	How it works.
Understand	Standards.
Apply	Apply to projects.

# 1 • Risk-paths and ventilation

PAS 2035 categorises buildings by risk path A/B/C (low/medium/high heat-loss / moisture risk).  
Ventilation strategy required to prevent moisture build-up. Drives system selection.

# 2 • Retrofit assessment

Whole-house assessment per PAS 2035 — heat-loss, moisture, occupant behaviour, condition. Output: Improvement Plan with sequenced measures + risk mitigation.

# 3 • Retrofit Coordinator role

Statutory role: coordinates assessment, design, installation, post-installation monitoring. Assures whole-house approach. Required for grant-funded work.

# 4 • Post-installation monitoring

BUS / ECO / GBIS require 12+ months post-install monitoring. Catches issues (moisture, comfort, heating performance). Feeds learning back to industry.

# 5 • What this looks like on a real project

## **UK** BUS Boiler Upgrade Scheme

BUS grants up to £7,500 for ASHP/GSHP/biomass under PAS 2035. Major UK retrofit driver.

## **EU** Comparable risk-based frameworks

Some EU member states adopting similar risk-based retrofit frameworks. Germany BAFA scheme similar concept.

## **UAE** Less standardised

UAE retrofit less standardised; project-by-project. Tarsheed scheme targets DEWA cost reduction.

## 6 • Why this matters

PAS 2035 is the UK's whole-house retrofit framework — with dutyholder roles inside it that follow you for life. You can now navigate retrofit risk paths, design choices, and the assessor / coordinator / installer split. With ECO4 and Warm Homes Plan tying funding to PAS 2035, this isn't optional.

### Quiz

Your score

0 / 5

#### 1. PAS 2035 risk paths:

- a) Single path
- b) A/B/C by heat-loss / moisture risk
- c) Random
- d) Bronze-Platinum

#### 2. Retrofit Coordinator role:

- a) Optional
- b) Statutory under PAS 2035 — coordinates whole project
- c) Site labourer
- d) Just QA

### 3. Post-installation monitoring required:

a) None

b) 12+ months under PAS 2035 / grants

c) 1 day

d) 100 years

### 4. UK BUS grant value:

a) £100

b) Up to £7,500

c) £100,000

d) None

### 5. PAS 2035:2023 covers:

a) New build

b) Retrofit of existing dwellings

c) Demolition

d) Office only

**Answers (for print):** 1b · 2b · 3b · 4b · 5b

## Resources

### PRIMARY SOURCES

- PAS 2035:2023.
- PAS 2038 (commercial retrofit).

## STANDARDS AND GUIDANCE

- Boiler Upgrade Scheme (UK).
- Trustmark.

## INDEPENDENT COMMENTARY

- Retrofit Academy guides.
- BSRIA retrofit publications.

← PREVIOUS LESSON

Retrofit Fundamentals – Fabric  
**First, Pathway and Sequencing**

NEXT LESSON →

**PAS 2030 – Installer Standard and  
Quality Control**