

INTRODUCTION TO BPE SESSION

Date: December 3rd 2025, 11:00 to 15:00

Location: [REDACTED] Notts, [REDACTED]

Parking: [REDACTED]

1 ATTENDEES

- Session Leaders
 - Zac Gill, SOAP Retrofit, *Lead author of BS40101 (Performance of occupied buildings)*
 - Arnout Andrews
 - Tbc BTS person
- Attendees
 1. [REDACTED] MNZH
 2. [REDACTED] NEP
 3. [REDACTED] MTVH
 4. Tbc
 5. Tbc
 6. tbc

2 AGENDA

- 11:00 – 11:30 Intro to BPE *A short, punchy, interesting intro’ – especially ‘why’ measure performance.*
- 11:30 – 11:45 EPC / RdSAP *What does the EPC calculation say / assume?*
- 11:45 – 12:45 HTC/ HLP/ U-value
Introduce and set up the Heat 3D kit – ready for results later. Introduce the Smart HTC and HLP – recover the sensors and upload for results! Compare and contrast with RdSAP.
- 12:45 – 13:45 Fans (Ventilation)
RdSAP and fans. What does Part F say? Measure flow rate[s] with VentiFlow and FlowFinder. Compare & contrast!
- 13:45 – 14:45 Airtightness *Pulse test &/or Blower door – for a result ‘score’. RdSAP? Air leakage pathways.*
- This agenda is flexible rather than rigid – we will adapt to suite.
- Lunch – Sandwiches etc provided – we will find a working gap &/or eat on the hoof.
- Other equipment available: Thermal Imaging camera[s]; Damp Meter; Boroscope (but walls are solid at this address)

3 GENERAL INFO

The purpose of this session is to introduce some performance measuring and monitoring that is likely to be of interest to MNZH Consortium members. This is most likely to appeal to WH:SHF consortia members, but sessions are open to WH:LG organizations too. Other stakeholders, like CJS support organizations are also welcome.

We will limit attendees to 6 people so the sessions can be as interactive and 'hands on' as possible. We will talk about why you may want to do performance monitoring, we will have the equipment and do monitoring 'live'. We will talk about the costs and resources that you would need to undertake a monitoring project.

4 CONTENT

For further detail on the performance metrics that we will be exploring see the 'BPE Intro Sessions – description' doc available on the MNZH pages of the AECL website:

<https://www.andrewsenv.co.uk/bpe-support-program/>