

ukpassivhaus conference 2013



15th October 2013
Jury's Inn, Milton Keynes

Session 1 - Plenary

Delivering Passivhaus at Scale

Chair: Fran Bradshaw, Anne Thorne Architects

Lead Partners



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#UKPHC13

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Passivhaus in the UK 2012

Map of Passivhaus developments at November 2012

>75 Certified Passivhaus Projects completed or underway

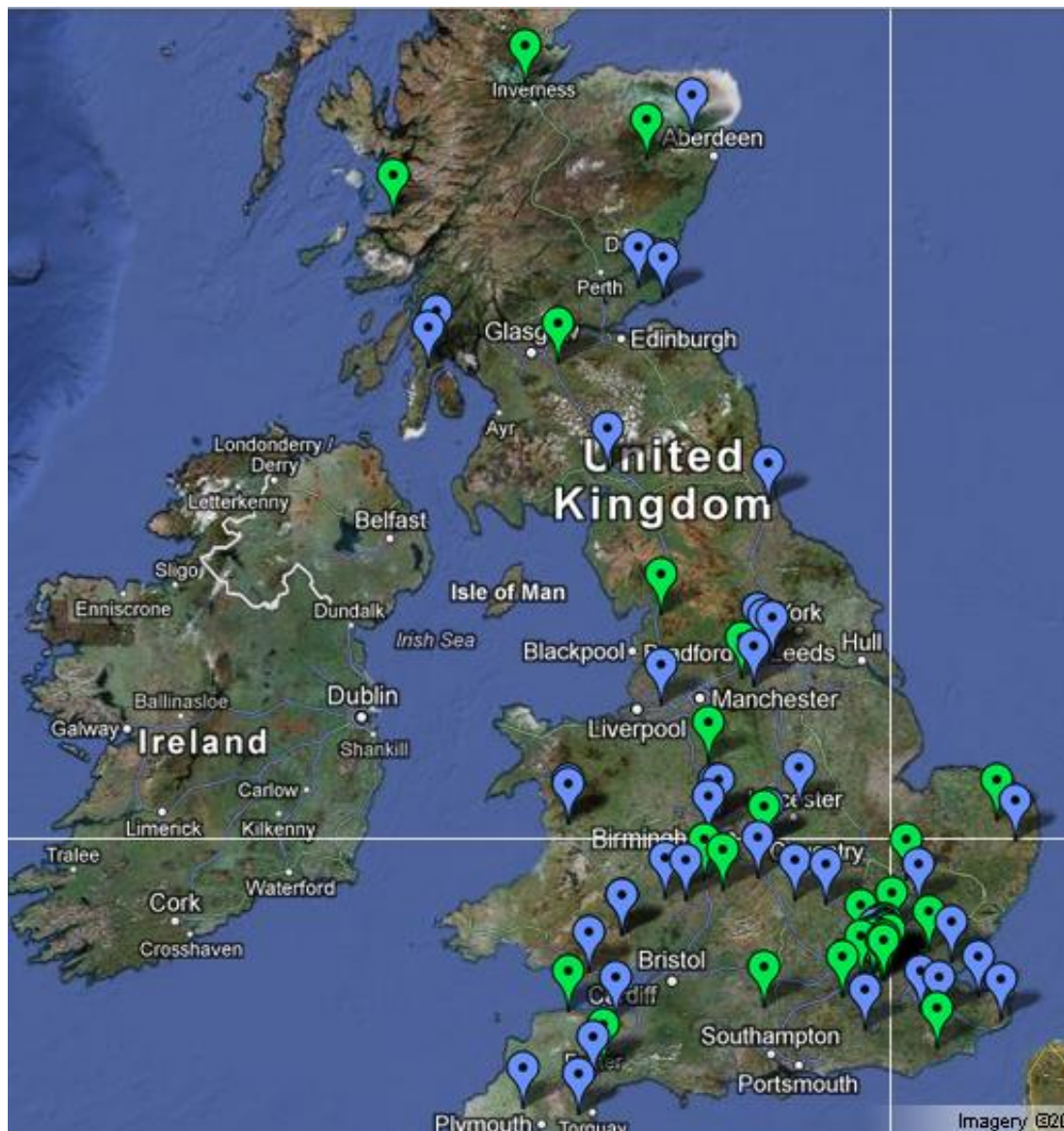
>135 certified dwellings, 6 sites of 15-25 dwellings

>15 certified non-domestic buildings

Key:

Blue pins - certified

Green pins – planned / under construction



Passivhaus in the UK 2013

Passivhaus Awards



Totnes B&B design team



Lancaster Co-Housing

Passivhaus in the UK 2013

At October 2013

>250 Certified Passivhaus buildings completed

>160 certified dwellings on sites of 10-15 units plus

>15 certified non-domestic buildings

Over 100 PH schemes on completed, site, planning, in the pipeline

Up to 1000 PH units completed, on site, planning, in the pipeline

Passivhaus in the UK 2013

3 big new-build schemes underway:

- from Architype and Lars Carlsson Archihaus - Kingstone (150 homes)
- the UEA Passivhaus building and the Herefordshire Archive and Records Office have both started on site
- Broadland Housing Association** - Fulmodeston 4 units, Carrow Road, Norwich, 250 homes
- Circle Housing Group** – Rainham (51 homes)



Passivhaus in the UK 2013

3 big residential retrofit schemes:

- ECD project Wimcote House in Portsmouth
- Sustainable by Design at Thamesmead
- RGen/2E/Eric Parks project in Manchester



Questions

Quality – how do we maintain quality as we scale up delivery

Achieving airtightness within conventional contracting relationships

Supply chain – experienced contractors and subcontractors

Expert advisors – there is only a small pool

On and off site training for passivhaus

Installation and maintenance of specific technologies - e.g. MVHR

Questions

Are we delivering comfort for occupants?

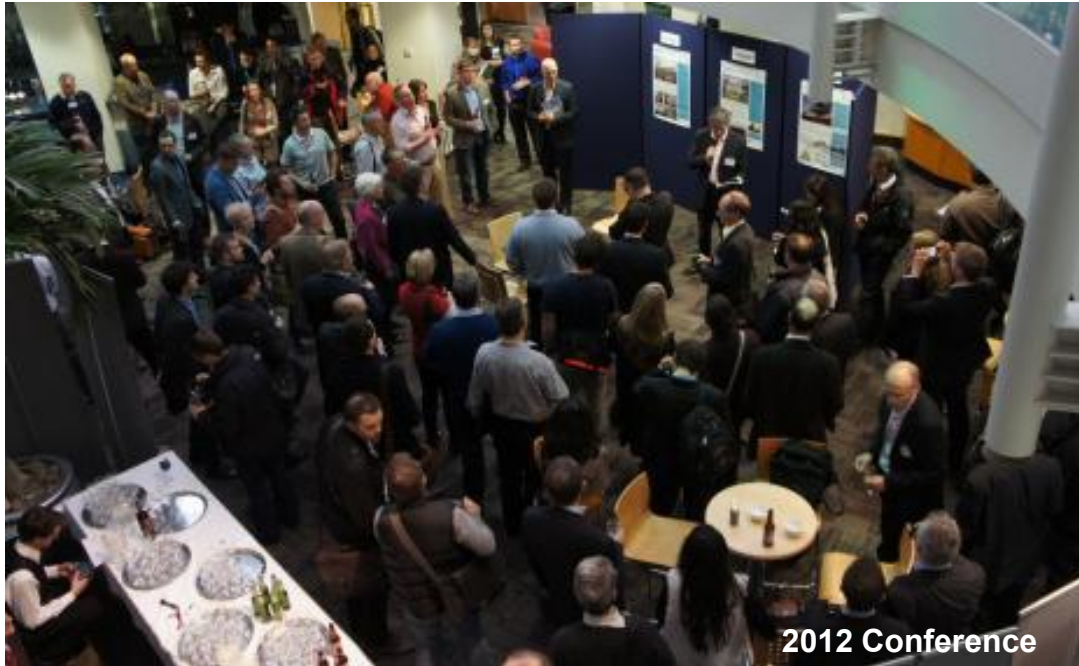
Robustness – different occupation levels

Robustness of design – e.g. brise soleil vs blinds

Robustness of controls

Comparable data sets

Conference



LIST OF ACTIVITIES

Plenary followed by three sets of breakout sessions.

Two optional hands-on training sessions as tasters for full courses.

Optional Site Visit to the Milton Keynes Energy Park and Howe Park Passivhaus.

Download Conference presentations from the conference website.

Acknowledgements

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