

2014

2015

2016

2017

2018

2019

2020

KEY

Energy Literacy

Improving Quality Output

Demonstrating Performance

National Compliance Regime

Continued Evidence Gathering & Dissemination

INDUSTRY LED INNOVATIONS

Development & implementation of energy content for NVQ, BTEC, BSc & BA courses

Development of 'energy certified' professionals & operatives, linked to existing scheme providers

Zero Carbon Hub & BCB Toolbox Talks for SME sector

Develop industry owned & managed Construction Details Scheme

Include as-built energy performance content within all new entrant and existing workforce courses (e.g. via organisations such as ARB / RIBA / CIAT / CIBSE)

'Energy certified' professionals and operatives scheme live

Site management and operatives adopt scheme as normal practice

Construction Details Scheme live

Industry refines solutions and develops innovative alternatives as lessons are learned

Leading housebuilders increasingly seek to understand the as-built performance of their homes and demand more from their designers and supply chain

INDUSTRY R&D:

In-situ test protocols for fabric and services systems

Demonstrating as-built performance methodology trials

Whole house test & in-use monitoring protocols

Manufacturer investigations into their product & system performance

Industry agreement on demonstrating performance protocol(s)

Refine, prove and submit commercially viable as-built performance methodologies for government approval by 2018

Refine industry wide performance data analysis

Industry demonstrates the 2020 Ambition

As-built Performance Symposium

Roll-out of Zero Carbon Hub 'Housebuilding Process Review'

Co-ordinated research strategy delivered by industry, academia & government

Lessons drive continuous improvement cycles

Triggers industry investment

Government and European sourced funding supports industry to develop commercially viable methodologies to demonstrate performance process controls (e.g. Technology Strategy Board & EU Horizon 2020)

GOVERNMENT SUPPORT

PART L 2016 CONSULTATION TO CONSIDER:

Revised U-value & Psi-value conventions linked to qualified person scheme

In-situ factors for fabric & services as systems

SAP Assessor & Building Control responsibilities

Developer 'signed' Product Specific Plain Language Compliance Report

Unlocks further industry investment

Part L 2019 Consultation inc. Nearly Zero Energy Buildings

Public land developments require 'energy certified' professionals and operatives (e.g. HCA)

Part L 2016 statement – industry to demonstrate as built performance via government approved methodologies from 2020

Government approval process for industry as-built performance methodologies live