**SAPIF first meeting 27 June 2018 Meeting**

**Attendees:**

BEIS Katy Read

MHCLG Victoria Tink

BRE John Henderson, Jose Ortiz and Paul Davidson

RDL John Tebbit (Chair) and Nick Booth

Members: Adrian Regueira-Lopez, Bean Beanland, Gemma Stanley, Ian Abley, Jeff House, Jonathan Ducker, Matthew Hurd, Martin Fulwell, Nick Howlett, Sam Crichton, Steven Sutton, Silvio Junges, Stuart Fairlie

**Apologies:**

Members: Graham Hazell, James Russill and Lily Frencham

**Acronyms:**

The following are those that may not be known to readers when published in BRE’s website.

BEIS Department for Business, Energy and Industrial Strategy

EPCs Energy Performance Certificates

MHCLG Ministry of Housing, Communities and Local Government

RDL Robust Details Limited

RdSAP Reduced Standard Assessment Procedure

SAP Standard Assessment Procedure

SAPIF SAP Industry Forum

SAPSIG SAP Scientific Integrity Group

# Introduction

* 1. Agreed ‘full’ minutes would not be taken and circulated.
  2. Meeting minutes would be placed in the public domain.
  3. SAPIF is not a policy-making group, this being Government’s role.
  4. Explained the interrelationships between BEIS, BRE, SAPSIG, SAPIF and RDL.
  5. SAPIF members were reminded that as their membership was on behalf or an organisation(s) / association(s), this implied consulting with that organisation(s) / association(s).
  6. Conflict of Interests: clearly most have, as per their declared representations; but anything ‘generally unknown’ should be declared.
  7. SAPIF Terms of Reference (version “for first meeting”) were agreed; noting that “SAP” in the 2nd section also referred to RdSAP.
  8. SAPIF Member Acceptance Form: noted that the section “Directorships” also included partners, executive directors etc.
  9. **ACTION: RDL** to issue SAPIF member acceptance form plus attachments to SAPIF members for completion.

# BEIS – ‘The Building Mission’

## Katy Read gave an overview, followed by feedback from members.

## Suggested that ‘healthy’ should be added to the 1st bullet point.

## Suggested there was a need to define ‘clean heating’, clean cooling etc.

## Suggested that data for EPCs should: (1) not overwrite earlier data, (2) be able to capture changes.

## The generally thinking was that cooling might, in the future, be more important than heating in terms of energy use.

## **ACTION: SAPIF members** to forward comments / observations relating to ‘The Building Mission’ to BEIS (Katy Read) by end July 2018.



# Priorities to consider for SAP 11

## Each SAPIF member was asked in turn to advise their priorities.

*Repeated asks*

* The main area of feedback was on smart techs and variations thereof:
* Recognition of smart controls
* Integration of technologies such as heating with ventilation; automated window opening
* Occupancy detection, and behaviour learning algorithms
* Interaction between solar PV and smarter controls/tariffs
* Recognising benefits of helping to balance the grid
* Many mentioned the treatment of batteries and fuel cells needing to improve as they will become more widespread.
* Many mentioned it needs to more accurately reflect overheating / cooling.
* Several mentioned more accurate treatment of hybrids / secondary heating.
* Recognition of gas heat pumps as these are expected to become more widespread (in 7-8 year’s time).

*One or two requests*

* More product types should be able to be listed in the database, with the right evidence to back it up, but without setting the barrier too high that prevents innovation.
* Mixed views on how regularly carbon factors and fuel prices should be updated, but all agreed that currently it is much too long. Potentially more like every 1-2 years.
* Address how thermal mass is treated in SAP and unintended consequences for overheating.
* Recognise benefits of measures which improve indoor air quality.
* Treatment of hot water needs to be more accurate.

*Other points:*

* Need to consider outputs to the consumer – if only one or two pieces of information on the EPC are unrealistic, it makes them question the whole document and lose confidence/trust.
* Industry should be able to feed into the approval of SAP conventions.
* We should reassess what is considered under regulated energy to make sure it’s still appropriate.

## Jose Ortiz (BRE) articulated BRE’s desire for industry’s help with introducing new technologies and methodologies to ensure SAP can model reality as accurately as possible.

## Noted there were numerous technologies currently available that were not recognised and hence achieving benefits in SAP; understanding the need for evidence and data; and taking their impact on the building as a whole rather than just as a product

## Suggested SAP needs to be updated more frequently in terms of: (1) fuel costs and (2) new technologies.

## Suggested that manufacturers need to engage early with BRE, in their development programmes.

## **ACTION: SAPIF members to consider, for SAP 11 how it can fully recognise and represent new technologies including smart technologies. Initial thoughts would be useful if they could be sent to the Secretariat by end of September 2018 so they can be incorporated in papers for next meeting.**

Meeting minutes to be accompanied by the presentational slides.

Next meeting to be convened for autumn. Details to be issued accordingly.

- End –