

## TAHI SMART BUILDING GROUP

15<sup>th</sup> September 2011

13.30 – 16.30

BIS Conference Centre, 1 Victoria, London, SW1H 0ET.

Chairman – Mike Perry – BRE.

This Meeting will look at how home systems, technology and broadband connectivity will influence the homes we live in and as importantly what the opportunities are for the building industry in the modern built environment and the existing building stock.

As is well known the UK has a very large body of dwellings which were built when energy was less costly and less care was taken over conserving the energy we use, let alone the effects of the carbon dioxide emitted by fossil fuels.

For the first time, the SBG will have a presence from DCLG (Paul Wren was asked but he has had to delegate) to cover what the Government Department with responsibility for Local Government and thus planning and making the UK's homes Smarter is doing in this space.

We are aware of the Green Deal and the Localism Bill and it will be useful to gain first hand, information of what these will mean to industry. Do builders, planners, architects, social housing providers and suppliers understand the implications?

### NOTES

#### 1. Attendees

Mike	Perry	BRE	<perrym@bre.co.uk>
Stephen	Pattenden	TAHI	<telemetry@telemetry.com>
Colin	Holloway	Sensory Systems Ltd	<colin@sensorysystems.eu>
Colin	Mallett	Trusted Renewables	<colin@fulvens.com>
Michael	Mulquin	IS Communications Ltd	<michael@iscommunications.co.uk>
Mansel	Williams	MNT Consultants (UK) Ltd	<mansel@mntconsulting.co.uk>
Adrian	McKeon	Homezone CIC	<adrian.mckeon@homezone-uk.org>
Charles	Palmer	Acute Technology Ltd	<charles.palmer@acutetechnology.com>
David	Blumstein	AMiHo	<dblumstein@amiho.co.uk>
Nazmiye	Ozkan	Policy Studies Institute	<n.ozkan@psi.org.uk>
Jane	Chelliah-Manning	BIS	<Jane.Chelliah-Manning@bis.gsi.gov.uk>
Allan	Mayo	BIS	<Allan.Mayo@bis.gsi.gov.uk>

#### *Apologies*

Warren	Garrett	London Rebuilding Society	<Warren.Garrett@londonrebuilding.com>
Evelyn	Pellow	enabling concepts	<evelynpellow@hotmail.com>
Steve	Norman	Reneasas	<steve.norman@reneasas.com>
Richard	Foggie	HoIP Telecom	<Richard.Foggie@hoip.eu>
Stephen	Western	Compass Consulting	<stephen.western@btinternet.com>
Paul	Wren	DCLG	<Paul.Wren@communities.gsi.gov.uk>
Neil	Spence-Jones	OpenHub Smart Home Ltd	<nsj@openhub.co.uk>

## 2. Introductions

**Mike Perry** of BRE is Chair of the WG (TAHI Board Member)

**Stephen Pattenden** runs the secretariat of TAHI

**Colin Mallett** is the CEO of Trusted Renewables and took part in the SASH project

**Colin Holloway** is the CEO of Sensory Systems Limited and led the Smart Village project

**Stephen Western** is a Telemetry Associate and was involved in the Derby Project

**Michael Mulquin** is MD of IS Communications (and an affiliate of both Telemetry Associates and OpenHub). ISCommunications specialise in Broadband delivery and are very active with Derby City Council.

**Mansel Williams** of MNT Consultants had been the TSB Monitoring Officer for some of the projects that TAHI Members had taken part in. He was also MD of Taylor Locks and is joining TAHI in October.

**Adrian McKeon** of Homezone was one of the partners involved in the SHIMMER project with Warren Garrett of London Rebuilding and the EST. The partners will be joining TAHI.

**Charles Palmer** is MD of Acute Technology Ltd. was involved in the Hydra Project and is renewing their TAHI membership.

**David Blumstein** is MD of AMiHo Limited which is keenly involved in RF communication modules for Smart Metering and Homes. He is considering joining TAHI.

**Nazmiye Ozkan** is a Senior Research Fellow with Policy Studies Institute currently working with DECC on Smart Grids. She would strongly recommend PSI joined TAHI.

**Allan Mayo** is Head of the Services Policy Unit in BIS and has a great interest in Smart Cities and this is linked into the communication traffic they will generate and thus help drive the forthcoming UK Frequency auctions.

**Jane Chelliah-Manning** is Senior Policy Officer, IT Services and Software Unit, Cybersecurity, BIS and works with Allan

## 3. BIS interests in Smart Cities and the growth in communications.

Allan Mayo continued his introduction with information around potential opportunities likely to be delivered from the Business Services group in BIS whose task was to advise ministers where funds should be allocated to deliver growth of the UK economy. His colleagues had similar remits in interfacing with the EU Commission, service systems transformation and public service reform. He was also with the current (internal) growth review and was keen to promote Smart Cities and infrastructure improvements. There was interest in leading this through Smart Communications, Smart Cities and Smart Homes. There was also an interest in enabling standards.

Some of this interest revolved around the for the next round of RF Auctions and ensuring that there would be a much wider take up of mobile applications and home based applications which would help drive increased traffic and thus value to NMOs.

There was some discussion around Smart Grids and M2M applications and (indirectly IoT). There was some coverage of what would be needed for the Smart Metering role

out as the final decisions on which HAN and WAN protocols (media and frequencies) had yet to be made.

4. What's new at BRE – Insite 11. Mike Perry

The main event was the Insite 2011 at BRE on the 4<sup>th</sup> and 5<sup>th</sup> of October which was sponsored by the MBEKTN as well as BRE. This event is free and registration is at <https://ktn.innovateuk.org/web/insite-11>.

The main theme is refurbishment and covers why refurbish and what should be installed. The event is largely aimed at the construction sector. There was to be a section on training (and training the trainers).

There would be a look at VAT charged on Installation for refurbishment and on the Green Deal together with the economics of all of this

5. The Green Deal and Localism Bills – why SBG and the industry should be aware – update from DCLG (Paul Wren invited).

Unfortunately Paul Wren was unable to attend. However, it is noted that this subject is filtering down to grass roots and the Localism bill and the NPPF changes to the planning regulations were likely to have a significant impact on local planning.

6. News on Smart Meter Roll out

It was noted that the Smart Metering project was currently under review and that once this was completed the Industry's Draft Technical Specifications document would be sent to the EU Commission for ratification. These documents are currently available on the DECC website [HERE](#)

7. Themes for TAHI Forum on December 6th – Input from the planning team

TAHI was holding its Annual Forum on the 6<sup>th</sup> of December at a highly prestigious London location. It was intended that the main thrust of the Forum would be Interoperability as it was needed for the Smart Home and all the sectors of the Smart Home. TAHI is currently completing the programme and there would be an announcement by the end of September.

8. DALLAS update (possibly late afternoon)

This meeting clashed with the third day of the DALLAS compulsory workshop for those organisations chosen from the 470 applications. TAHI had not been successful in its application nor had many other TAHI members. It was understood that HoIP Telecom (Richard Foggie), ADI (John Eaglesham) and Telehealth Solutions (Charles Lowe) had been the only successful TAHI Members.

It had been hoped that there would have been some feed back on the meeting before this meeting closed since the DALLAS meeting was likely to close before this one.

Suffice it to say that the DALLAS project was likely to be a source of activity for all TAHI Members and that they are strongly advised to ensure they have registered in the Project Partner Pool. (Download Application form from [HERE](#)). The Partner Pool is now open for searching and can be found [HERE](#)

It was expected that TAHI and its members will work with Richard Foggie in getting involved.

9. Internet of Things Call

There was to be a workshop on the Internet of Things Call on the 22<sup>nd</sup> of September in London, It was expected that TAHI and its Members would make applications into this call.

10. AOB

Collin Holloway mentioned that Sensory Systems were involved in a “Dementia Complex” as part of a number of initiatives which include Campus Schemes that are new builds and are thus Building and Energy management projects of interest to this SBG group. Wiltshire Count Council were taking the lead and being very pro-active in the Campus projects.

The next meeting will be on the 9<sup>th</sup> of November at BRE Watford.

11. Close 17.15.