

## **TAHI Smart Building Group (SBG)**

### **TOR and Objectives**

#### **Roles**

1. to specify the home space infrastructure and environment in relation to UK (and EU) requirements.
  - What infrastructure to the home – Now, 2015, 2020
    - o New developments
    - o Existing Housing – Urban/Rural
    - o Service Level Requirements for
      - High data rate Applications
      - High reliability/Integrity Applications
  - What infrastructure in the home – Now, 2015, 2020
    - o New Build and Refurbishment
    - o Existing – Recent, Post War, Pre War, 19C and earlier – Rural/Urban
    - o Service Level Requirements for
      - Energy Efficiency and Smart Metering
      - Fuel Poverty
      - Assisted Living
      - Security
      - Accessibility (in respect to EU Mandates)
      - Home systems – Lighting, ventilation, heating environment.
      - Home equipment – AV, White Goods, IT & peripherals
      - Sensors, (RFID, IPV6, etc..)
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    - o Interoperability of devices using the infrastructure
    - o
2. Testing and demonstration of
  - Systems and infrastructure
  - Interoperability of systems and devices
  - Innovation Park/Energy Zone activities and work programmes
3. Events and Engagement of Stakeholders (two way communications)
  - Basic Group meetings (TAHI Members only)
  - Informal stakeholder meetings (invited as per project/sector/...- information input from industry)
  - Use of Innovation Park/Energy Zone – look and feel events
  - Formal Events (eg. Open Events on SM, AAL, Interop, Infrastructure etc..)
  - Conferences (eg TAHI Forum, dcKTN, eKTN, mbeKTN funded)
  - Event for TAHI technologies at Innovation Zone
4. SmartHouse Definition

SmartHouse includes the digital home, intelligent home, connected home, and networked home. SmartHouse includes any “smart” activity, service or application in the SmartHouse including any form of “office” or working environment in the SmartHouse (but the smart office in commercial premises is excluded). SmartHouse covers any residential premises where people live (eg. house or apartment) but excludes commercial and institutional premises (such as hotels or prisons and other commercial dwellings where the day to day management of the accommodation is not controlled by the resident.). SmartHouse includes consideration of the interface with the consumer (customer, subscriber, end user) and the consumer’s needs.

**DRAFT FOR COMMENT; 02 July 2009**  
Stephen Pattenden; TAHI Secretariat

5. Specification for stuff in Interoperability in Energy Zone (by 16<sup>th</sup> July) SP to write test programme Bullets of requirements
6. TAHI Partners in BRE funded work .
  - To be invited / engaged in projects
  - To identify programmes for funding and how and when to put projects forward (EU Partners for EU FP7 projects, EU/UK partners for JU projects)
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