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SBA’s ACTIONS

MEETINGS
Bringing the industry together in a spirit of transversality
SBA events, for sharing experiences and keeping track, with topics on smart buildings in a sustainable city.

PUBLICATIONS
Share our vision and our recommendations
The Smart Building for Sustainable Territories Manifesto. The Ready2Services Building and Territory Guide.

COMMITTEES
Considering the building’s evolution in the smart city
“Expert” committees to define a common framework for buildings that are open and connected.

RELATIONS WITH INSTITUTIONS
Raising the awareness of public policymakers
Ministries, public bodies, local government, professional organisations, etc.

INTERNATIONAL COOPERATION
Cross-border relations
Discussions with international organisations.

BECOME AN SBA MEMBER ALONGSIDE THE SMART BUILDING SECTOR’S LEADERS AND EXPERTS AND...

Learn about the issues and the challenges
Take part in defining and setting up baseline references
Find out about and follow innovations in the sector
Build a network and talk with your peers
Meet experts from business areas related to yours

THE SMART BUILDINGS ALLIANCE IS THERE FOR YOU – CONTACT US

www.smartbuildingsalliance.org
contact@smartbuildingsalliance.org

THE COMMITTEES

Smart Buildings for Smart Cities
Defines reference models to foster the links of interdependence and cooperation between Connected Buildings and a Connected Territory.

Services for Users of Smart Buildings & Territories
Leverages the Ready2Services framework to define the conditions to develop flexible and scalable user services, from one buildings to a whole territory. Defines the interest of the Ready2Services reference framework for scalable & multiple services around Smart Buildings & Territories by pooling equipment and infrastructure.

Positive Energy Buildings & Territories
Rethinks Connected Buildings and Territories in terms of an energy mix (centralized and decentralized / Carbon and carbon free).

New Business Models
Evaluates innovative new business models that contribute to shifting the value from “asset management” to “service management”.

Ready2Grids
Defines the role of a smart building within a smart grid & the conditions necessary to become an active contributor to the smart grid.

Ready2Services
Defines the technical conditions for a Building to be qualified as Open & Connected. Ready2Services has the ambition to become the industry reference label for Smart Buildings. It promotes Open Standards and defines the connectivity and security conditions for Smart Buildings on 3 different and independent layers: Sensors & Actuators / Infrastructures / Cloud Application.

Connected Buildings & Territories
Promotes the use of digital tools such as BIM in the global lifecycle of buildings and territories. Studies impact on data management, and paves the way to defining Smart Data strategies.

Innovative & Disruptive Technologies
Identifies promising new technologies and evaluates potential impact on future services, business models…

And also the committees:

Institutions • Supports policy makers in their understanding of the digital transition of the building industry and local government.
Marketing • Promotes the Smart Buildings Alliance for Smart Cities initiatives, ideas & key deliverables to a broad audience of stakeholders from industry insiders to the general public.
And many others • Cyber security, Health & Well-being, Hospitality, Mobility as a Service, Networks and Protocols, Robotics, Safe City, Social Housing…

R2S A LABEL FOR CONNECTED AND COMMUNICATING BUILDINGS

MAIN PRINCIPLES

3 independent layers
Equipment, Infrastructure & Services are 3 independent layers that must be separable

Systems interoperability
Use of Web Services and Open APIs to facilitate communication between independent 3rd party solutions

Building Network based on IP
An IP-based (Internet Protocol network to transport data, the buildings “4th fluid”

Open access to data
Interfaces allowing control and information functions to be accessible both inside and outside buildings

Security
Data protection, resiliency, IT & Network security

READY2SERVICES FRAMEWORK

Services
Use the building connectivity and communication capacity to enable deployment of services

Cyber security
Ensure system security and protect data

Connectivity
Ensure efficient connectivity of the building

Network infrastructure
Ensure free movement of data both inside and outside buildings

Equipment and interfaces
Link equipment, network and services

M2M
Equipment and interfaces
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- Equipment and interfaces
  Link equipment, network and services

- Connectivity
  Ensure efficient connectivity of the building

- Responsible management
  Project management, contracting framework, commissioning, interested parties competence

- And the committees:
  Equips and business models • Underlying techniques & frameworks

LEADERS AND EXPERTS

Hospitality, Mobility as a Service, Networks and Protocols, Cyber security, Health & Well-being, Robotics, Safe City, Social Housing...

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