

Dear friends,

It is with great pleasure that we announce the birth of SBA, Smart Buildings Alliance Italia with the aim of making the digital transition of buildings, cities and networks easier.

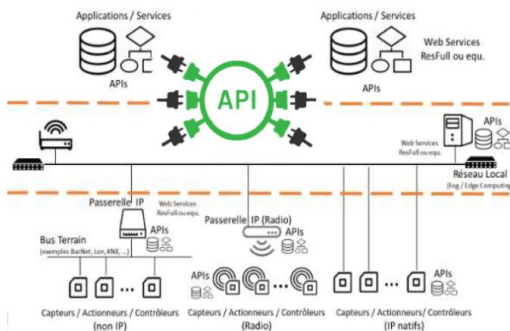


The Smart Buildings Alliance Italia will therefore have as its raison d'être to clarify the methods and the scope of responsibility of each of the operators and users of buildings starting from the design, through construction and testing of the structures as well as subsequently with the delivery to the end user and related maintenance for its entire life cycle.

In the wake of the provisions of the European directives EPBD revision 2018, SBA intends to lay the foundations for an architecture certification useful to support the Smart Readiness Indicator that verifies a few essential requirements, shared by all members, but fundamental for the interoperability of services, transparency to information and the ease of use of the buildings for end users. We have called this certification R2S, or Ready To Services that an Italian certification body, adhering to the project, will take care of delivering after careful evaluation.



As happened for the Energy Performance Certification, which determined an enhancement of the most virtuous buildings to the detriment of the most impacting on an environmental level, but which however remains effective only in the energy perimeter of the single building, the Smart Readiness Indicator will be destined to segment further the market from the point of view of the building's ability to relate to third parties.



In summary, if the APE makes a quantitative measure of the reduction of the environmental impact of a building, the SRI will express a qualitative assessment of the building's ability to adapt to the needs of the occupants, to make the operation efficient and easy maintenance, as well as adapting to the situation of the energy network, with the aim of further reducing the environmental impact of man, his actions and the spaces he occupies, increasing the general comfort of the

rooms. R2S will therefore be a real technical specification of approach to interoperability through the use of 3 independent connected and communicating layers: infrastructure, objects and applications which can be accessed through the use of RESTfull API on IP. Thanks to EDGE computing and to modern Open Building Operating Systems Framework, the delivery point will be absolutely standardized and cyber-secure, usable by anyone authorized, as well as a development environment for further dedicated applications.

The commissions, in which the members will be called to actively participate, will be organized by approach and skills, therefore focused on continuous operational simplification. It is certainly no mystery that the *"knowledge & digital divide"*, understood as a cultural and technical gap with respect to the objectives of Roadmap 2050, is now enormous and must be bridged starting from the perspectives of each of the operators to arrive at a profitable and regulated transfer of information that can favor operations by pursuing progress in containing emissions, as described in Article 10 and following of the Paris agreements.

#### READY2SERVICES FRAMEWORK



We need the skills of each of you, active members of the construction supply chain, managers, maintainers and end users, for this *"framework"* to resolve itself from being a complicated puzzle of responsibility, into a fantastic picture painted in the future of our children.

The launch event of SBA Italia is scheduled on the digital platform on 10 December 2020 and it is possible to participate in the session by registering and [clicking here](#).

Domenico Di Canosa

Cesare Massarenti

Ernesto Santini