



## AdoRes strategy at urban level

ABRACADABRA is a three-year project under the framework of Horizon 2020 programme with a main focus on the market up-take of energy efficient building renovation strategies. ABRACADABRA project partners strongly believe that local authorities play a key role in driving progress on energy efficiency and their contribution is very important for exploring further the potential of cost-effective energy renovation strategies.

In this respect, the **Municipality of \_\_\_\_\_** expresses its support to ABRACADABRA efforts in pursuing our shared goals for achieving Climate Change and Energy Efficiency targets.

ABRACADABRA aims at demonstrating to the key stakeholders and financial investors the attractiveness of a new renovation strategy based on volumetric Add-ons and Renewables (AdoRes) intended as one (or a set of) Assistant Building unit(s) - like aside or façade additions, rooftop extensions or even an entire new building construction - that “adopt” the existing buildings (the Assisted Buildings) to achieve nearly zero energy. The combination of energy renovation and volumetric addition offers, in certain cases, an improved business model, thus making these renovations more attractive to investors.

ABRACADABRA is based on the consideration that a substantial increase in the quality and quantity of refurbishment of the existing building stock - both public and private - can play a key role in the implementation of the economic, environmental and social agendas of local authorities. Volumetric additions, like those of AdoRes concept, can become a core component of municipal densification strategies and constitute a versatile tool for fostering urban sustainability.

It is realised that volumetric additions may not always have positive, but also negative effects, such as their impact on the aesthetic quality of urban landscape and disturbance of tenants' living environment. Therefore, ABRACADABRA also takes counterbalancing measures into account.

The project's goals are:

- The reduction of the payback time of the energy retrofit interventions;
- Strengthening of the key investors' confidence;
- Increasing quality and attractiveness of the existing buildings' stock;
- Support concrete market acceleration towards the nearly Zero Energy Buildings (nZEB) target.

Local Authorities committing to explore and use the AdoRes strategy developed by ABRACADABRA can benefit from:

- A set of case studies throughout 8 EU countries to learn, get inspired and be supported from;
- A set of regulatory, technical and financial toolkits to run feasibility studies on buildings that could potentially be objects of renovation by using the AdoRes strategy.
- A strong synergy with the commitments initiated with the Covenant of Mayors (CoM) and connections with several members of the CoM community.





## \_\_\_\_\_ Municipality supports the AdoRes strategy

Having read the above illustrated AdoRes strategy at urban level and sharing a vision for a sustainable future through the requalification of existing buildings stock, having regard to the 2010 Energy Performance of Buildings Directive, 2010/31/EU stating that:

- Measures are needed to increase the number of buildings, which not only fulfil current minimum energy performance requirements, but are also more energy efficient, thereby reducing both energy consumption and carbon dioxide emissions.
- Plans are needed for increasing the number of nearly zero-energy buildings and regularly report such plans to the Commission.

Having regard to the Energy Efficiency Directive, 2012/27/EU, stating that:

- The rate of building renovation needs to be increased, as the existing building stock represents the single biggest potential sector for energy savings
- Buildings are crucial to achieving the Union objective of reducing greenhouse gas emissions by 80-95% by 2050 compared to 1990 levels.

The \_\_\_\_\_ Municipality gives its support to the ABRACADABRA project adopting the above illustrated strategy and expressing interest in entering the ABRACADABRA Community, to share knowledge and experiences among stakeholders in the context of consistent renovation through AdoRes.

The \_\_\_\_\_ Municipality considers volumetric additions as a strategic measure to achieve the Climate Change and Energy Reduction Goals at local scale in its future urban and environmental plans, taking into account possible counterbalancing measures to avoid aesthetic, environmental and social deterioration.

Agreed and accepted:

**Place & Date**

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**Name, Role**

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**Signature**

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