

Local Urban Regulation: Increasing Energy Efficiency – Modena, Italy	
Keywords	Intelligent Use of Energy, Heating Regulation, Sustainable Buildings as a Way of Acting.
Pictures	
Objectives	Identifying energy pressure on local territory in order to introduce a new way of building with a special awareness on energy efficiency and the use of renewable energy sources.
Description	<p>In 2002, Modena started to work on a Municipal Energy Plan placing an increased emphasis on energy efficiency within its territory.</p> <p>The Plan was finally adopted in March 2007 considering mobility, waste management, the use of renewable energy source, sustainable energy consumption and energy saving in buildings as its main objectives.</p> <p>Starting from this, the Local Urban Regulation was changed. More specifically, a new way/view of building constructions was introduced, emphasising energy efficiency and the use of renewable energy sources. The work was based on sharing ideas and concepts with all different stakeholders involved: architects, engineers, etc, and, of course, politicians..</p>
Results / Achievements	<p>The Modena Municipal Energy Plan includes:</p> <ul style="list-style-type: none"> - New ways of building and new methodologies with binding rules, which make construction companies considering sustainable ways of energy consumption already during project set-up and planning - New buildings must achieve at least "Class B" in terms of energy consumption; - Possibility for voluntary commitments in terms of increasing energy efficiency, the use of renewable energy sources and sustainability measures which are remunerated by municipal bonuses payments - Means to improve involvement information exchange with local important actors.
Friendly advice for replication	<p>Based on our experience we would recommend to pay special attention to the following:</p> <ul style="list-style-type: none"> - Making decisions supported by national or local regulation; - Be sure that all politicians involved are aware of what is going to happen with the decisions taken; - Involve all the possible stakeholders and ensure their participation in the process; - Make the business partners sharing the new ideas and considering what is projected in the future; - Organize communication and information meetings to involve local communities as much as possible
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