



State of Progress of the Pilots

Project Partners Summary feeding the subsequent report of the Expert Panel – July 2012

The aim of this questionnaire is to map the state of progress of the pilots based on the feedbacks of partners responsible for each pilot implementation. This will provide a major input for the 2nd report of the Expert Panel of GovernEE, which, among others, will evaluate the latest project outputs, the revised outputs, as well, as the state of progress of the pilots. By doing so, the report shall have a clear, objective, and useful evaluation on the project's development.

Project partners responsible for the certain pilots are kindly asked to fill in the table below and send back to the Expert Panel Coordinator at hengerritse@eu-liaison.eu till **13 July, 2012** to facilitate the external evaluation of the project results made by the Expert Panel.

Number and Name of the Pilot	Pilot 2: Efficient use of renewable energy sources in heating historic buildings (Activity 4.3) – Bologna
Responsible Project Partner	Bologna & Quedlinburg
Partners in the cluster	CETA & CERE
Short description of the pilot as stated in the AF	<p>High level of energy consumption is an overwhelming problem in most European cities. In Bologna, a considerable number of municipal institutions are located in historic buildings whose maintenance is rather expensive. The objective of the pilot is to apply different building, especially insulation materials, new fixtures on the walls and roofs of historic public buildings in joint cooperation with the cluster member.</p> <p>The investment is of high relevance to the project as application of building materials is one of the few possible ways to boost energy efficiency in historic buildings. However, there is a considerable resistance or rather disbelief on the part of decision-makers and the wider public regarding the feasibility of any innovation concerning the refurbishment and application of innovative solutions to these buildings. The aim of the pilot is to argue for alternative possibilities of improving efficient use of energy in historic buildings.</p>
Timeline as described in AF (and original implementation plan)	<ul style="list-style-type: none"> 4.1.9 Pre-feasibility study for Bologna of local potentials regarding improving EE in historic buildings: Nov 2010 (Month 6) – Aug 2011 (Month 15)



	<ul style="list-style-type: none"> • 4.1.4 Preparation of action plans and timelines for pilot implementation: March 2011 (Month 10) – Aug 2011 (Month 15) • 4.3.3 Testing building materials in historic buildings to boost energy efficiency : Oct 2011 (Month 17) – Sept 2012 (Month 28) • 4.3.5 Tailor-made energetic plans at partner level: identification and evaluation of availability of renewable energy sources and their most efficient utilization in heating systems of historic building stocks: Dec 2011 (Month 19) – Nov 2012 (Nov 30)
<p>Description of the pilot as it is being implemented.</p> <p>Should there be any deviations compared to the pilot described in the AF, please explain the reasons.</p>	<p>We consistently confirm the choices of energy efficiency improvement applicable to the intervention of maintenance, such as roof insulation and replacing windows, the introduction of automation systems for the opening of windows and curtains , pushing the technological innovation in the selection of the best materials for a better energy performance.</p> <p>All mechanisms and the technical solutions, which by themselves make this kind of action innovative, are perfectly in line with the aims of the Governee project.</p> <p>The Municipality of Bologna, through funding provided by the Governee project, implemented under the Central Europe Programme (EC), will purchase ten windows with high energy performance (described in the previous chapter), whose amount is € 69.000,00.</p>
<p>Actual timeline and action plan</p> <p>(Should there be any deviations compared to the original timeline, please briefly explain the reasons!)</p>	<p>Palazzo d'Accursio is subject to the protective provisions of Legislative Decree 42/2004, for this reason, the final project was drawn up in compliance with current regulations and has been discussed in advance with the Cultural Heritage department; following the presentation of the final project and following the events of the earthquake that occurred in our area, the Cultural Heritage department has requested as integration of project documents of a seismic report, that was prepared and delivered promptly. This demand of integration has inevitably lengthened the timing planned in the schedule.</p>
<p>Short summary of what is the present status of the pilot? What has happened so far?</p>	<p>The communication of the Cultural Heritage department of the formal favorable opinion arrived last week. In September, we will proceed with two public tenders: one for the supply of ten windows with high energy performance (funded by Governee) and one for the supply and implementation of the remaining work included in the final project and above, as indicated in the 2011 Program of public interventions. Following, the building firm, winner of the tender, will be assigned of the work and will proceed with the starting the construction site. The expected duration of construction site is 180 days.</p>
<p>What kind of deviations in time did you meet compared to the Action</p>	<p>Owing to the late approval of the municipal budget and late communication of a favorable opinion of the authorities in charge (because of the recent event earthquake in our area), the timing of the race and the start of work has shifted, creating a behind schedule on the timing estimated. The supply of windows (funded by Governee</p>



<p>Plan and timeline? <i>(bullet points and explanation)</i></p>	<p>project) and the start of construction site are now estimated for the beginning of December.</p>
<p>What kind of difficulties have you faced during the implementation? <i>(bullet points and explanation)</i></p>	<p>see above answer</p>
<p>How is transnational cooperation working during the realization of the pilot? How will it be done in the future? <i>(few sentences)</i></p>	<p>Within the project meetings, the partners have been helpful and supportive in the study and research of innovative techniques to be applied to the pilot. In particular they indicated the need to innovative technology of building refurbishment.</p>
<p>How do you organize the transfer of know-how between the cluster members?</p>	<p>The transfer of know-how between the partners will be in the project meeting bringing the experience of the pilot and the reflections as well as potential solutions to problems encountered within the project and in its execution; the goal is to find effective and replicable methodologies and techniques including in other contexts. Moreover the know-how will be shared with the stakeholder participating in the implementation of the Building refurbishment Action Plan and the Sustainable Energy Action Plan.</p>
<p>How do you benefit from the know-how of PPs in your cluster / in the project? <i>(few sentences)</i></p>	<p>see above answer</p>
<p>What do you consider important from the lessons already learnt to transfer to project partners? <i>(3-5 sentences)</i></p>	<p>The pilot project has shown that it is essential that all stakeholders are involved in a proactive manner, integrating and cooperating towards the ultimate goal of redevelopment / restoration don't leaving out the issue of energy saving. For the governance the main point to be fulfilled is the active participation political government body (secretary of mayor, mayor) and Administration Manager. Moreover form the technical point o view is very important the availability of energy audit of municipal building.</p>
<p>How do you want to transfer the knowhow within the project? What</p>	<p>The transfer of know-how between partners of the Governee project will be through project meetings, preparation and dissemination of the toolkit and any workshop.</p>



<p>kind of means do you want to use (workshop, oCC, toolkit, etc.)? <i>(bullet points)</i></p>	
<p>How do you plan to disseminate the results outside the project? What kind of means do you want to use (workshop, media, non-media communication, toolkit, etc.)? <i>(bullet points)</i></p>	<p>The transfer of know-how outside of the Governee project will be through the dissemination of the toolkit and the organization of meetings to sensitize and better integrate the departments (in particular Public Works), within the public administration, interested the implementation of future projects and interventions.</p>
<p>How do you benefit from the realization of the pilot? <i>(few sentences)</i></p>	<p>The pilot project allowed us to investigate, highlight and reflect on the priorities and problems of the process, found within the public administration, in the implementation an extraordinary maintenance in which were also included measures to improve energy in the historic building (pilot). Through the pilot project was created within the institution, not only with theory but with practice, more cooperation among the departments concerned and sensitization on the topic of energy saving.</p>
<p>What do you consider the transnational added value of your pilot? <i>(few sentences)</i></p>	<p>In the pilot project are included the experiences and knowledge received by the partners during the project meetings and document processing, with the goal of enabling the dissemination and replication of the techniques and methods developed in different contexts.</p>