

General information	
<b>Category</b>	<b>Technology and Energy</b>
	<b>AlpHouse- Approach, Awareness</b>
<b>ID</b>	QM 8.1
<b>Title</b>	<b>Examples and strategies of energy efficient retrofitting</b>
<b>Duration</b>	5 hours
<b>N. participants</b>	Minimum: 7 Maximum: 30
<b>Location</b>	Classroom (visit of an exemplary renovation during the first session not the second one)
<b>Target group</b>	<b>Decision Makers</b>
Characteristics of the Qualification Module	
<b>Aims</b>	To support and supervise the different phases of the retrofitting of vernacular buildings in communes and intercommunalities: administrative, financial and technical aspects.
<b>Methodic Approach</b>	This qualification module has been designed to be comprehensive, to provide the key elements and best practices examples to decision makers. Therefore 3 trainers, experts in their fields, animated the qualification module and there was in addition the testimony of a mayor. It ensured a multidisciplinary approach to provide decision makers with the fundamentals technical, environmental, economical, architectural and legal aspects of sustainable retrofitting of vernacular building.
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Presentation of a project of retrofitting of a municipal rental house by the CALD, the architect and the client from three different angles. <ul style="list-style-type: none"> <li>- Subsidies and financial aspects of the project,</li> <li>- Technical aspects of the renovation</li> <li>- Testimonial of the client (mayor of the commune)</li> </ul> </li> <li>• Presentation of the renovation of an isolated mountain holiday cottage from <ul style="list-style-type: none"> <li>- Energy engineering aspects</li> <li>- Building energy code restrictions</li> </ul> </li> <li>• Round table on the topic of energy efficient retrofitting</li> </ul>
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>• Basic understanding of the architectural and energy efficiency principles of vernacular building, their common pathologies and different technical solutions.</li> <li>• Basic knowledge of building materials, their performances and impact on the environment.</li> <li>• Understanding of financial aspects and available subsidies for renovation in Drome (Fr).</li> <li>• Understanding of the French building energy code for renovation of vernacular buildings.</li> </ul>
<b>Final Certification</b>	Certificate of attendance of the QM
Conception	
<b>PP Leader</b>	<b>NEOPOLIS – Chamber of Commerce and Industry of Drôme (Fr)</b>
<b>Contact person</b>	Vincent Revol
<b>address</b>	1 rue Marc Seguin, Rovaltain TGV, BP 16127 Alixan 26958 Valence
<b>phone</b>	+33 (0) 475 788 832
<b>e-mail</b>	v.revol@drome.cci.fr
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<b>web</b>	www.neopolis.fr
QM Experiences	
<b>Performing institution</b>	<b>NEOPOLIS – Chamber of Commerce and Industry of Drôme (Fr)</b>
<b>Contact person</b>	Vincent Revol

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<b>e-mail</b>	v.revol@drome.cci.fr	<b>web</b>	www.neopolis.fr
<b>Status</b>	<b>Done</b> (twice)		
<b>Location</b>	Neopolis Valence (1 <sup>st</sup> session) and Ecosite du val de Drome at Eure (2 <sup>nd</sup> session)		
<b>Date</b>	10 <sup>th</sup> June 2011 (1 <sup>st</sup> session) and 8 <sup>th</sup> March 2012 (2 <sup>nd</sup> session)		
<b>Trainers</b>	Dominique Farhi (Architect) Arch'Eco Languages : French	<b>e-mail</b>	<a href="mailto:contact.archeco@orange.fr">contact.archeco@orange.fr</a>
	Pascale Quillet CALD (Council for improvement of habitat in the Drôme region) Languages : French	<b>e-mail</b>	<a href="mailto:pq@dromenet.org">pq@dromenet.org</a>
	Jean-Christophe Fluhr (Building energy engineer and auditer) Therma Languages: French, English, rudiments of German	<b>e-mail</b>	<a href="mailto:therma.info@me.com">therma.info@me.com</a>
<b>Available material</b>	Teaching supports x 3 A bibliography on energy efficient renovation, ecological materials and preservation of vernacular buildings		
<b>Photos</b>	<ul style="list-style-type: none"> <li>- Photos8mars (2).jpg</li> <li>- building visit_ 10June2011.JPG</li> <li>- Training10June2011.JPG</li> </ul>		





