

General information			
Category	Technology and Energy		
ID	QM 4.2.3		
Title	Education series AlpHouse- Topics range timber– 3 Modules Modul3 - Facades - Construction and insulation Windows, doors - preservation, rehabilitation and new construction, thermal insulation		
Duration	1 day, 8 hours		
N. participants	8 - 20		
Location	Classroom		
Target group	Architects and Planners		
	Craftsman and SMEs		
	Building Owners		
Characteristics of the Qualification Module			
Aims	In this module the approach and the problems in the renovation of facades, windows and doors of an old building will be taught. In developing a renovation plan will specifically addresses the question of insulation, the problem points cost and possible funding.		
Methodic Approach	<ul style="list-style-type: none"> ▪ Lecture ▪ Group discussion of the content ▪ Processing of practical examples 		
Contents	<ul style="list-style-type: none"> ▪ facades, window and door designs and traditional craft techniques ▪ Structural analysis and restructuring concept ▪ Damage reports ▪ Restoration and preservation methods ▪ Physics (humidity, thermal bridges) ▪ Current status of insulation ▪ Cost and Financing 		
Learning outcomes	Overview of the content		
Final Certification	Certificate of attendance		
Conception			
PP Leader	LBH – BauAkademie Lehrbauhof Salzburg		
Contact person	DI Ronald Setznagel – Management DI Wolfgang Konrad – Consultant, project staff		
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QM Experiences			
Performing institution	LBH – BauAkademie Lehrbauhof Salzburg		
Contact person	DI Ronald Setznagel – Management DI Wolfgang Konrad – Consultant, project staff		

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e-mail	office@sbg.bauakademie.at	web	http://www.bauakademie.at/
Status	Done		
Location	BauAkademie Lehrbauhof Salzburg		
Date	15.September 2011		
Trainers	DI Erich Six – Architect, Building Physics and Energy Efficiency Expert (Ger, Eng)	e-mail	erich@six.at
Available material	<ul style="list-style-type: none"> ▪ Invitation and Folder (Ger) ▪ Overhead sheets (Ger) ▪ *.ppt presentations of the contents (Ger) 		