

General information	
Category	Design and planning
	Use of Material
	Education and Marketing
ID	QM 5.3
Title	Lime Workshop
Duration	3 days workshop
N. participants	10-12
Location	Pilot Building
Target group	Architects and Planners
	Craftsman and SMEs
	Building Owners
Characteristics of the Qualification Module	
Aims	A basic understanding of materiality (cultural background, building materials, practice) is important for the approach and handling of a construction project, especially in the field of traditional buildings. Lime project Grisons, lime mortar course in relation to the restoration of Türalihus in Valendas
Methodic Approach	<p>Day 1</p> <ul style="list-style-type: none"> - Welcome of participants - Tools for security and limestones - Einsumpfen of lime - Wetting or immersion of lime - Learning the various sands - Deleted dry lime - Different color schemes of various Sumpfkalke - Applying water opal sintered to consolidate existing Kalkverputzes - Cleaning of the substrate - Inspection and assessment of different plasters in the village <p>Day 2</p> <ul style="list-style-type: none"> - Different substratum - Parting and mixing of the lime - Preparation of the substrate, using trowel and Taloche - Apply the plaster and Abtalochieren (rough plaster) - Various pigments - Lecture by Frank Winnefeld, EMPA, Department of Concrete and Construction Chemicals in Cinema Sil Plaz <p>Day 3</p> <ul style="list-style-type: none"> - Learning and mixing of various fine plasters - Apply of wetted lime - Various surcharges - Apply the various fine plasters - Try the different options of fine plaster and pigments on plates - End of the course with drinks

Learning outcomes	Dealing with the building lime: theory and practice. Traditional craft techniques and materials as a catalyst for regional competitiveness and building culture. Improvement in the procedural and substantive interface between craft and design		
Final Certification	No		
Conception			
PP Leader	Bayerische Architektenkammer / Technische Universität München in cooperation with Kurszentrum Ballenberg and Handwerkskammer für München und Oberbayern		
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QM Experiences			
Performing institution	Technische Universität München, in collaboration with Energieinstitut Vorarlberg		
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Status	Done		
Location	Türalihus, Valendas (CH)		
Date	26.-28.05.2011		
Trainers	Dipl. Arch. ETH Ramun Capaul (DE, EN, FR) Capaul&Blumenthal Architects Via dalla Posta 1 CH-7130 Glion/Ilanz Dipl.-	e-mail	capaulblumenthal@kns.ch
	Ruedi Krebs (DE, EN) lime expert		
	Gerold Ulrich (DE, EN) lime expert		
	Dr. Frank Winnefeld, EMPA (DE, EN) expertise construction chemistry		
	Wilhelm Glaser (DE, EN) monument restoration expert		
Available material	<ul style="list-style-type: none"> - Module documentation (programme, fineplanning, didactic analysis, evaluation) - Documentation brochure - Exhaustive photographic documentation 		