

As presented in the application, March 2014

WP/Task leader	AAU	RTU	TUD	KUL	UNIVPM	DTU	SP	HES-SO	Introflex	EMA	Mmonths excl HES-SO	Start	End	
<b>WP1 Pre-renovation assessment</b>	<b>RTU</b>											<b>49</b>		
T1.1 Survey of historic building stock	1	5	1	1	1	1	1	1	1		12	1	9	
T1.2 Screening of case studies on renovation of historic buildings	1	5	1	1	1	1	1	1	1		12	1	9	
T1.3 Screening of existing internal insulation technologies	1	5	1	1	1	1	1	1	1		12	1	12	
T1.4 Review of existing decision making tools on internal insulation	1	6	1	1	1	1	1	1	1		13	1	12	
<b>WP2 measures</b>	<b>AAU</b>											<b>88</b>		
T2.1 models	7	5		5			3	1			21	4	36	
T2.2 Material property data for historic building materials	6	4	4	4	4	4	3	1	4		34	7	36	
T2.3 Limit and threshold for failure	6			5	6	6	10				33	4	48	
<b>WP3 Case studies and laboratory measurement</b>	<b>TUD</b>											<b>114</b>		
T3.1 Design of appropriate laboratory test methods	2	2	2	2		2	2		2		14	4	12	
T3.2 Installation, test and operation of laboratory facilities	3	2	5	3		2	3		4		22	4	24	
T3.3 Laboratory data evaluation, inverse analysis	3	3	5	3		3	3		4		24	13	36	
T3.4 Selection and documentation of the test buildings		3	3		3	3					12	10	36	
T3.5 Conceptual design, installation and operation of monitoring systems		5	8		4	4					21	13	36	
T3.6 systems		5	8		4	4					21	25	48	
<b>WP4 Probabilistic assessment of interior insulation solutions</b>	<b>KUL</b>											<b>76</b>		
T4.1 Numerical efficiency of hygrothermal simulation			13								13	3	24	
T4.2 Reduced-order models in hygrothermal simulation				18							18	3	36	
T4.3 Sequential sampling in probabilistic assessment				10							10	3	18	
T4.4 Surrogate modelling of hygrothermal performance				18							18	3	36	
T4.5 Exemplary application on internal insulation case	8		3	2				4			17	35	48	
<b>WP5 Development of cost/benefit and environmental impact assessment methodology based on building practice and intended use</b>	<b>UNIVPM</b>											<b>68</b>		
T5.1 depending on building practice	6	4			3	4		4			21	13	30	
T5.2 environmental impact of interior insulation solutions	5				10	5		6			26	13	36	
T5.3 levels of minimum energy performance of interior insulation solutions					15	6					21	19	42	
<b>WP6 Application and evaluation of assessment tools</b>	<b>DTU</b>											<b>101</b>		
T6.1 Development of assessment methodology and guidelines for internal insulation based on probabilistic models	2	2	5	5	5	7	2	4		4	36	25	56	
T6.2 Demonstration of the methodology and the guidelines	2	2	3	3	3	6	2	4	5	4	34	31	58	
T6.3 Validation and assessment of the methodology and the guidelines	2	2	2	2	2	6	2	4	5	4	31	37	58	
<b>WP7 Communication and dissemination</b>	<b>AAU</b>											<b>46</b>		
T7.1 Communication with professional practitioners	13	2	2	2	2	2	2	2	2	2	31	1	60	
T7.2 Spreading results among international academics											0	1	60	
T7.3 General project communication	6	1	1	1	1	1	1	1	1	1	15	1	60	
<b>WP8 Project management</b>	<b>AAU</b>											<b>28</b>		
sum	103	63	68	87	66	69	37	35	27	15	535	ekskl HES-SO		

