3 Acceptability of design solutions & licences (Building system permission documents)

		Methods				
Sector/field	Qx activities	Procedures	Responsibility	date	Acceptance	Documentation
1 Building	 Indicators, target groups for the indicators S1, S2, S3 (quality classes of indoor air) a,b Check of targets for energy consumption a,b 	a)check b)change c)updating d)comparison to targets e)calculus f)simulation				
2 Spaces	 Spaces Mapping of the options ^{a,b,d} Mapping of the options ^{a,b,e} Requirements for performance, healthliness, and safety ^{a,b} 	a)check b)change c)updating d)simulation of conditions e)simulation for education				1) room cards
3 Envelope, walls, roof, base floors, windows and doors	 Recognition of risky spots, door, window and envelope design, tightness, heat bridges ^{a,b} Selection of types for doors and windows, neseccary special actions (i.e. prevention of structure-borne sound) 	a)check b)change c)updating				1)memorandums of deviations

4 Air conditioning and cooling system	 Standard solutions, requirements for aquisitions ^{a,b} Certificates and cards for equipment ^{a,b} Comparison of aquisitions to the targets ^{a,b} Capacity requirements ^{a,b} Documentation and support by the suppliers/manufacturers Limits in contract agreements ^{a,b} vastaavasti Grouping of air exchange equipment according to the needs of the use in spaces ^{a,b} 	a)check b)change c)updating d) LC calculations	1) memorandums
5 Heating system	Control of extra heating etc. in a meaningful way ^{a,b}	a)check b)change c)updating	1)room cards
6 Sanitary system	 Target values for cold and hot water ^{a,b} Option for separation of consumpiton of hot and cold water a Reduction of shower water flow by saving taps or pressure reducing valves for the entire building or specific equipment a Correct adjustment of water flows in the equipment a Profitability and option for reduction of toilet flushing volume a Profitability of insulation for water supply network a Correct temperature for water supply a,c Option to periodically switch off the floor heating of wet rooms a,c 	a)check b)change c)updating	
7 Electricity system	• Calculus of need for idle power ^{<i>a,b</i>}	a)check b)change c)updating	1)memorandum of deviations

8 Illumination, lighting fixtures	 Levels of illumination ^{a,b} Decline of illumination while lamps age or surfaces get dirty 	a)check b)change c)updating d) simulation e)LC calculus		1) room cards
9 Automation, operation and information systems	 Specification includes at least the items for objective plan 	a)check b)change c)updating		1) designs 2) specifications
10 Other special systems, lifts, sprinklers, communication	• Alarm systems ^{a,b}	a)check b)change c)updating		
11 Intergration of systems	 Location and assembly requirements for equipment ^{a,b} 	a)check b)change c)updating	*)responsibility for total performance	

12 Project	Compilation of Qx plan and share of responsibilities	thematic dealing	1) Qx journal
management	• Qx activities in design and site meetings ^{a,b}		
	• Reaction on deviations ^{a,b}		
	• Administrative procedures for alterations ^{a,b}		