Projekt-/ kontrakt nr.:	huh1	ENV	158,8 P.	79,4%	TEC	74,0 P.	67,3%	samlet score	DGNB
Projekt navn	Ryesgade 44, Aalborg	ECO	50,9 P.	72,7%	PRO	152,4 P.	72,6%		
DGNB Auditor:	Karlis Zemitis	SOC	197,7 P.	70,6%	SITE	-	-	72,5%	

Description	Fill in cells	Calculated cells		celle uden indhold

Evalueringsmatrix, NKE14 studieversion // juni 2015 // Copyright DGNB GmbH / GBC

Nr.	Kriterium	Indikator	Checklist-point (TLP - Auditor)			Evaluerings point (EVP)		vægtning	Kommentarer / Bemærkninger
			TLP Kriterium	TLP Indikatorer	Max	EVP score	Max		
ENV1.1	Life Cycle Impact Assessment (LCA)		80,00		100	8,00	10	7	
ENV1.2	Local Environmental Impact		100,00		100	10,00	10	3	
ENV1.3	Responsible Procurement		18,00		100	1,80	10	1	
	1.	Sustainable use of resources / wood		15,00	45				
	1.1	Construction wood		3,00	5				
	2.	Sustainable use of natural stone		0,00	50				
ENV2.1	Life Cycle Assessment Primary Energy		80,00		100	8,00	10	5	
ENV2.2	Drinking water and waste water		100,00		100	10,00	10	2	
ENV2.3	Land Use		55,00		100	5,50	10	2	
	1.1	Use of "brownfiled redevelopment" vs. Use of greenfield		30,00	40				
	1.2	Density		5,00	40				
	2	Environmental improvent of the site		5,00	5				
	2.1	Level of ground pollution		5,00	5				
	2.2	Positiv influence on site's biofactor		10,00	10				
ECO1.1	Life Cycle Cost		80,00		100	8,00	10	3	
ECO2.1	Flexibility and Adaptability		69,00		100	6,90	10	3	
	1.	Space efficiency		8,00	10				
	2.	Ceiling height		5,00	10				
	3.	Depth of floor plan		5,00	10				
	4.	Vertical Access		4,00	10				
	5.	Floor layout		7,00	10				
	6.	Structure		2,00	10				
	7.1	Building services / installations - IAQ		10,00	10				
	7.2	Building services / installations - cooling		10,00	10				
	7.3	Building services / installations - heating		10,00	10				
	7.3	Building services / installations - sewage		8,00	10				
ECO2.2	Robustness		62,00		100	6,20	10	1	
	1.1	Facade life time		8,00	10				
	1.2	Roof life time		8,00	10				
	1.3	Life time: floor, window		6,00	10				
	2.1	Level of defects		10,00	20				
	2.2	Robust solutions		10,00	30				
	2.3	Keeping the deadlines		20,00	20				
SOC1.1	Thermal comfort		72,00		100	7,20	10	5	
	1.	Operative temperature (heating period)		30,00	30				
	2.	Drafts (heating period)		10,00	10				
	3.	Radiant heating asymmetry and floor temperature (heating period)		3,00	5				
	4.	Relative humidity (heating period)		5,00	5				
	5.	Operative temperature (cooling period)		4,00	30				
	6.	Drafts (cooling period)		10,00	10				
	7.	Radiant heating asymmetry and floor temperature (cooling period)		5,00	5				
	8.	Relative humidity (cooling period)		5,00	5				
SOC1.2	Indoor air quality		50,00		100	5,00	10	3	
	1.	Volatile Organic Compounds(VOCs)		0,00	50				
	2.	Ventilation rate		50,00	50				
SOC1.3	Acoustic comfort		65,00		100	6,50	10	3	
	1.	Individual office / meeting room < 40 m^2		30,00	35				
	2.	Landscape office > 40 m^2		0,00	35				
	3.	Lecture-room /conference room		35,00	35				
	5.	Canteens >50 m^2		0,00	20				
SOC1.4	Visual comfort		73,00		100	7,30	10	3	
	1.	Availability of daylight throughout the building		10,00	16				
	2.	Availability of daylight in working areas for regular use		10,00	20				
	3.	View o the outside		8,00	16				
	4.	Glare in daylight		16,00	16				
	5.	Glare in artificial light		6,00	6				
	6.	Distribution of artificial light		10,00	10				
	7.	Colour rendering		13,00	16				
SOC1.5	User influence on building operation		96,00		100	9,60	10	2	
	1.	Ventilation		14,00	14				
	2.	Solar shading		14,00	14				
	3.	Glare protection		14,00	14				
	4.	Temperature during heating period		14,00	14				
	5.	Temperature during cooling period		10,00	14				
	6.	Artificial light		14,00	14				
	7.	User-friendliness		16,00	16				
SOC1.6	Quality of outdoor spaces		80,00		100	8,00	10	2	
		Part of the roof that is activated		15,00	15				
	1.2	Type of roof greenery		0,00	6				
	1.3	Facade-integrated outdoor spaces		5,00	5				

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			TLP Kriterium	TLP Indikatorer	Max	EVP score	Max		
	1.4	Building-integrated outdoor spaces		5,00	5				
	1.5	Areas around the ground floor		2,00	6				
	1.6	Beplantning på facader		0,00	6				
	1.7	Orientation of the building-integrated outdoor spaces		7,00	7				
	2.1	Accessibility		5,00	5				
	2.2	Design concept for outdoor spaces		10,00	10				
	2.3	Type and kind of greenery		5,00	5				
	2.4	Maintenance contract for the plants		5,00	5				
	2.5	Sociocultural use of outdoor spaces		5,00	5				
	2.6	Concept for improving the microclimate		6,00	10				
	2.8	Design concept for incorporation of necessary technical structures		10,00	10				
SOC1.7	**Safety and security**		70,0		100	7,00	10	1	
SOC2.1	**Design for all**		67,00		100	6,70	10	2	
	1.	Parkering, afsætning og adgangsveje		10,00	20				
	2.1	Access to the building (general)		14,00	20				
	2.2	Access to the building (doors)		8,00	10				
	2.3	Access to the building (stairs)		10,00	15				
	2.4	Access to the building (lift)		7,00	10				
	3.	Toilets		8,00	15				
	4.	Reception		10,00	10				
SOC2.2	**Public access**		56,00		100	5,77	10	1	
	1.	General public access to the building		10,00	16				
	2.	External facilities open to the public		5,00	16				
	3.	Interior facilities, such as libraries or cafeterias, open to the public		0,00	16				
	4.	Possibility for third parties to rent a rooms in the building		16,00	16				
	5.	Variety of uses for public areas		25,00	36				
SOC2.3	**Cyclist Facilities**		68,00		100	6,80	10	1	
	1.1	Number		20,00	40				
	1.2.1	Location		7,00	7,5				
	1.2.2	Position and distance of the parking space to the main entrance		3,00	7,5				
	1.3	Level of facility for the bicycle parking stands		20,00	25				
	2.1	Facilities for cyclist		18,00	20				
SOC3.1	**Design and Urban Planning**		80,00		100	8,00	10	3	
	1.1	Implementation of the design competition		0,00	20				
	1.2	Competition process		0,00	40				
	1.3	Implementing a design selected from the competition entries		0,00	30				
	1.4	Appointing the design team		0,00	10				
	2.1	Implementation of the turnkey contract competition		0,00	20				
	2.2	Evaluation of the architectural quality in the project		40,00	40				
	2.3	Options to design variations from original		40,00	40				
	3.	Independent appraisal		0,00	50				
	4.	Options appraisal		0,00	10				
SOC3.2	**Integrated Public Art**		50,00		100	5,00	10	1	
SOC3.3	**Layout Quality**		81,00		100	8,10	10	1	
	1.1	Range of possible uses		15,00	15				
	1.2.1	Communication area		5,00	5				
	1.2.2	Multifunctional rooms		3,00	5				
	1.2.3	Additional areas		4,00	5				
	1.2.4	Child care and/or rooms for changing and feeding babies		0,00	5				
	2.2.1	Indoor circulation, entrance and exit paths, can they be used to other purposes		5,00	12,5				
	2.2.2	Do they have any quality		7,00	7,5				
	2.4.1	View and links between inside and outside		3,00	5				
	2.4.2	Indoor views		5,00	5				
	2.5	Indendørs orientering		14,00	15				
	2.6	Integrated design and ease furnishing		20,00	20				
TEC1.1	**Brandsikring (låst)**		50,0		100	5,00	10	2	
TEC1.2	**Sound insulation**		88,0		100	8,80	10	2	
	1.1	Sound insulation walls		20,00	20				
	1.2	Sound insulation floors		20,00	20				
	2.	Footfall sound insulation		13,00	20				
	3.	Airborne sound insulation against external noise		15,00	20				
	4.	Sound insulation agains building services systems		20,00	20				
TEC1.3	**Building envelope quality**		60,0		100	6,00	10	2	
	1.	U-value regulations		15,00	30				
	2.	Lie losses		11,00	15				
	3.	Thermal bridges		10,00	15				
	4.	Amount of condensation inside the structure		3,00	10				
	5.	Air tightness		15,00	15				
	6.	Windows energy label		6,00	15				
TEC1.4	**Adaptability of technical systems**		58,0		100	5,80	10	1	
	1.1	Construction form and flexibility		8,00	10				
	2.1	Access to all of the buildings technical equipment components for retrofitting and exchange		6,00	15				
	2.2	Design		4,00	5				
	2.3	Access in vertical ducts and shafts		2,00	5				
	2.4.1	Space capacity in shafts and ducts for HVAC		5,00	10				
	2.4.2	Space capacity in shafts and ducts for ventilation		3,00	5				
	2.4.3	Lift shafts		0,00	5				

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			TLP Kriterium	TLP Indikatorer	Max	EVP score	Max		
	3.1	Heat distribution and transfer system		10,00	10				
	3.2	Cooling distribution and transfer system		10,00	10				
	4.1	Suitability of lift system for later change		0,00	15				
	4.2	Integration af funktioner i et overordnet system		10,00	10				
TEC1.5	**Cleaning and maintenance**		83,0		100	8,30	10	2	
	1.	Load bearing structure		20,00	20				
	2.	External non-load-bearing structure		10,00	20				
	3.1	Tolerance towards light soiling		13,00	20				
	3.2	Soil capture zone at building entrance		20,00	20				
	3.3	Clear access		20,00	20				
TEC1.6	**Deconstruction and disassembly**		60,0		100	6,00	10	2	
PRO1.1	**Comprehensive Project Brief**		75,0		100	7,50	10	3	
	1.	Performance description		35,00	35				
	2.	Sustainability obejctives		20,00	35				
	3.	Users influence on energy use		20,00	30				
PRO1.2	**Integrated design process**		64,0		100	4,60	10	3	
	1.	Interdisciplinary design team		30,00	30				
	2.	Users involvment		20,00	30				
	3.	Users participation		0,00	10				
	4.	Environmental plan		14,00	30				
PRO1.3	**Design Concept**		87,0		100	8,38	10	3	
	1.	Energy plan		4,00	5				
	2.	Water plan		4,00	10				
	3.	Optimisation of daylight/artificial light		10,00	10				
	4.	Waste concept		5,00	5				
	5.	measurements and monitoring plan		10,00	10				
	6.	Conversion, deconstruction and recycling plan		8,00	10				
	7.	Cleaning and maintenance plan		10,00	10				
	8.	LCA design options appraisal		8,00	10				
	9.	LCC design options appraisal		8,00	10				
	10.1	Quality assurance in implementing the fire safety plan - commissioning		5,00	5				
	10.2	Quality assurance in implementing the fire safety plan - functional control		5,00	5				
	11.	External envelope plan		10,00	10				
PRO1.4	**Sustainability aspects in tender phase**		70,0		100	7,00	10	2	
	1.	Sustainability in tendering		40,00	50				
	2.	Sustainability in selecting contractors		30,00	50				
PRO1.5	**Documentation for facility management**		90,0		100	9,00	10	2	
	1.	Maintenance, insoections, operating and care instructions		25,00	30				
	2.	Adaptation of plans, verifications….		25,00	30				
	3.	User handbook		40,00	40				
PRO2.1	**Environmental impacts of construction**		39,0		100	3,24	10	2	
	1.	Low waste building site		4,00	15				
	2.	Low noise building site		4,00	15				
	3.	Low dust building site		4,00	15				
	4.	Environmental protection on the building site		5,00	15				
	5.	Energy use at building site		7,00	20				
	6.	Information to the neighbour		15,00	20				
PRO2.2	**Construction quality assurance**		95,0		100	9,50	10	3	
	1.	Documentation of materials used		50,00	50				
	2.1	Quality control measures		20,00	20				
	2.2	Measurements of noise		10,00	15				
	2.3	Measurements of condensation in construction		15,00	15				
PRO2.3	**Commissioning**		80,0		100	8,00	10	3	

Områdekvalitet er ikke medtaget