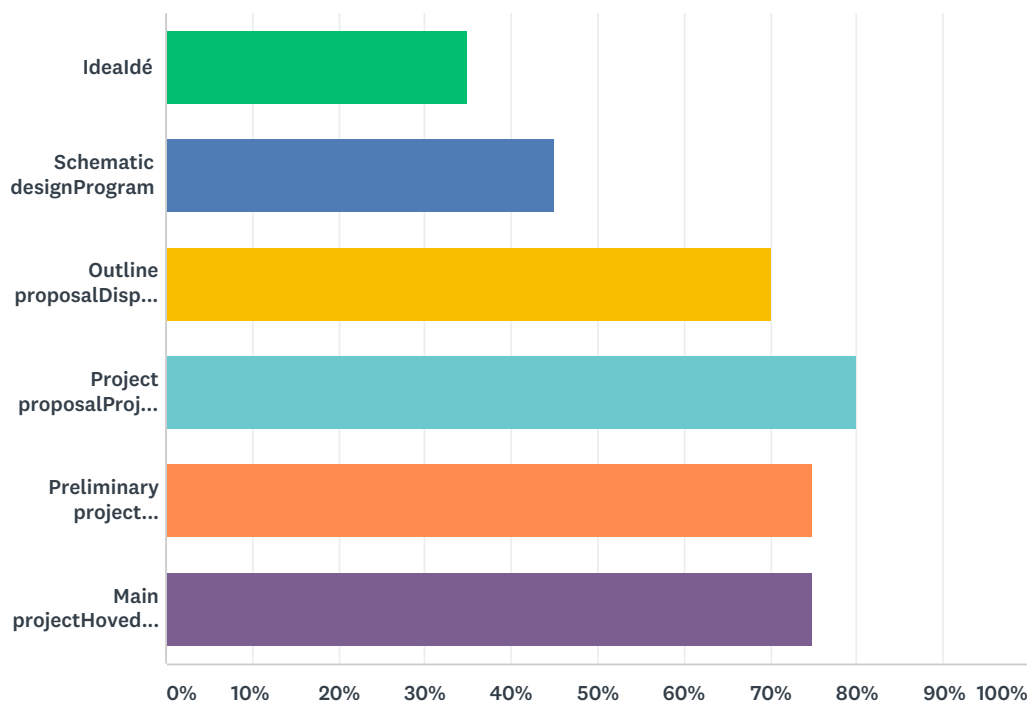


Q1 Which phases of building design do you mainly participate in? The phases represent the description in Description of Services: Building and Planning (Ydelsesbeskrivelse for Byggeri og Planlægning, Danske ARK og FRI)

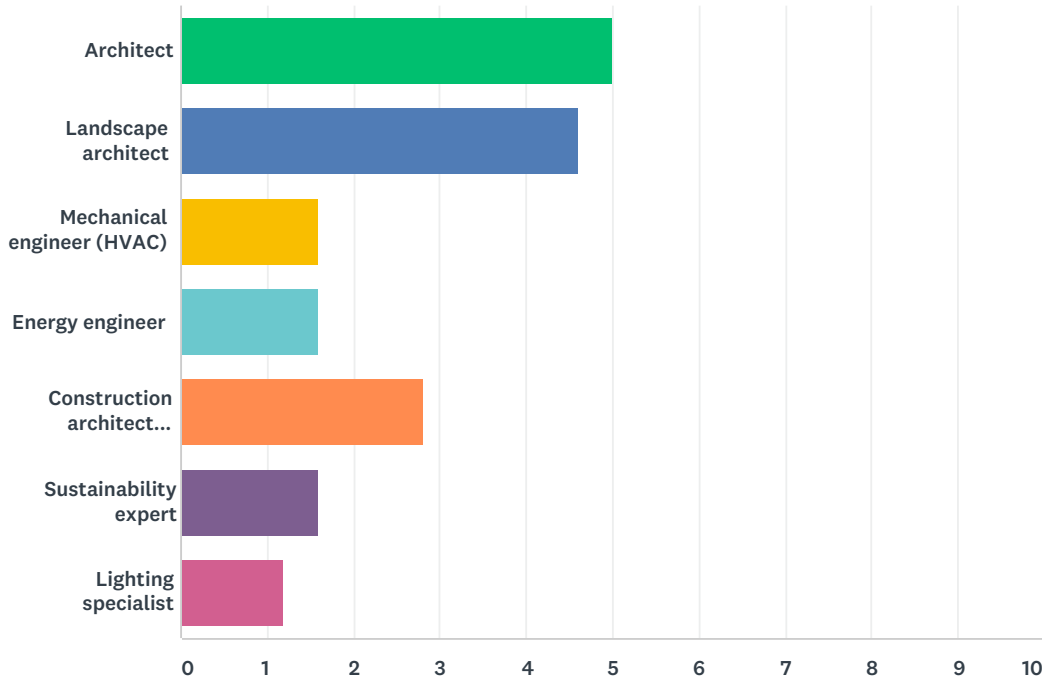
Besvaret: 20 Sprunget over: 0



SVARVALG	BESVARELSER
Idealdé	35,00% 7
Schematic designProgram	45,00% 9
Outline proposalDispositionsforslag	70,00% 14
Project proposalProjektforslag	80,00% 16
Preliminary project (Regulatory project)Forprojekt (Myndighedsprojekt)	75,00% 15
Main projectHovedprojekt	75,00% 15
Respondenter i alt: 20	

Q2 Who do you mainly collaborate with in the Idea phase and how much? 1 = no collaboration, 2 = monthly, 3 = weekly, 4 = daily, 5 = daily in the same office

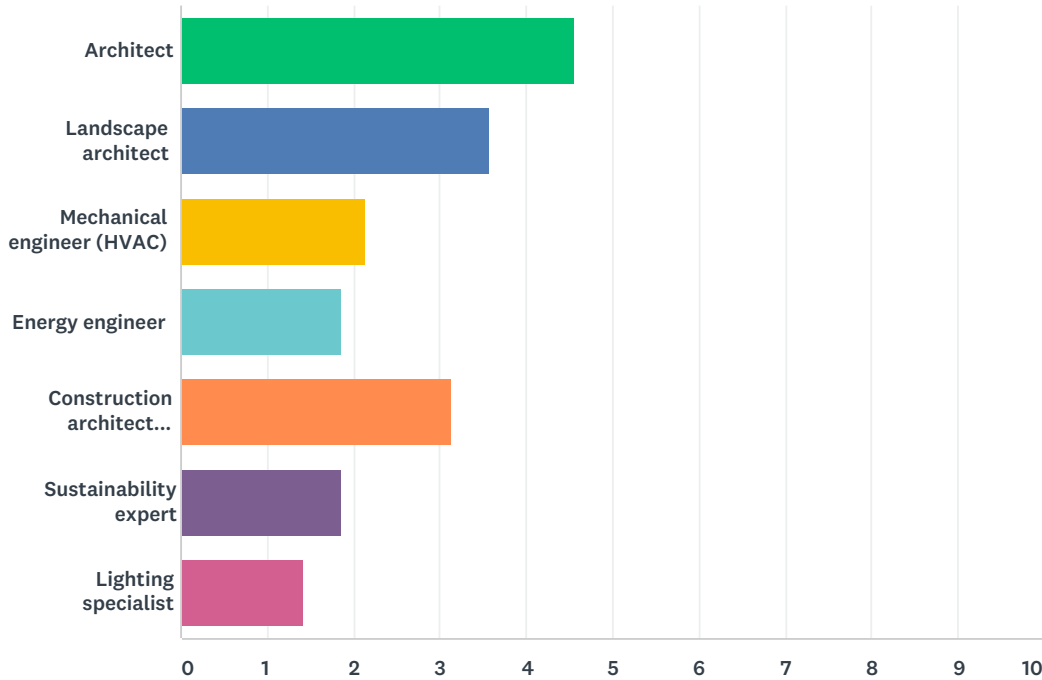
Besvaret: 5 Sprunget over: 15



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
Architect	0,00% 0	0,00% 0	0,00% 0	0,00% 0	100,00% 5	5	5,00
Landscape architect	0,00% 0	0,00% 0	0,00% 0	40,00% 2	60,00% 3	5	4,60
Mechanical engineer (HVAC)	40,00% 2	60,00% 3	0,00% 0	0,00% 0	0,00% 0	5	1,60
Energy engineer	40,00% 2	60,00% 3	0,00% 0	0,00% 0	0,00% 0	5	1,60
Construction architect (Konstruktør)	20,00% 1	40,00% 2	0,00% 0	20,00% 1	20,00% 1	5	2,80
Sustainability expert	40,00% 2	60,00% 3	0,00% 0	0,00% 0	0,00% 0	5	1,60
Lighting specialist	80,00% 4	20,00% 1	0,00% 0	0,00% 0	0,00% 0	5	1,20

Q3 Who do you mainly collaborate with in the Schematic design phase and how much? 1 = no collaboration, 2 = monthly, 3 = weekly, 4 = daily, 5 = daily in the same office

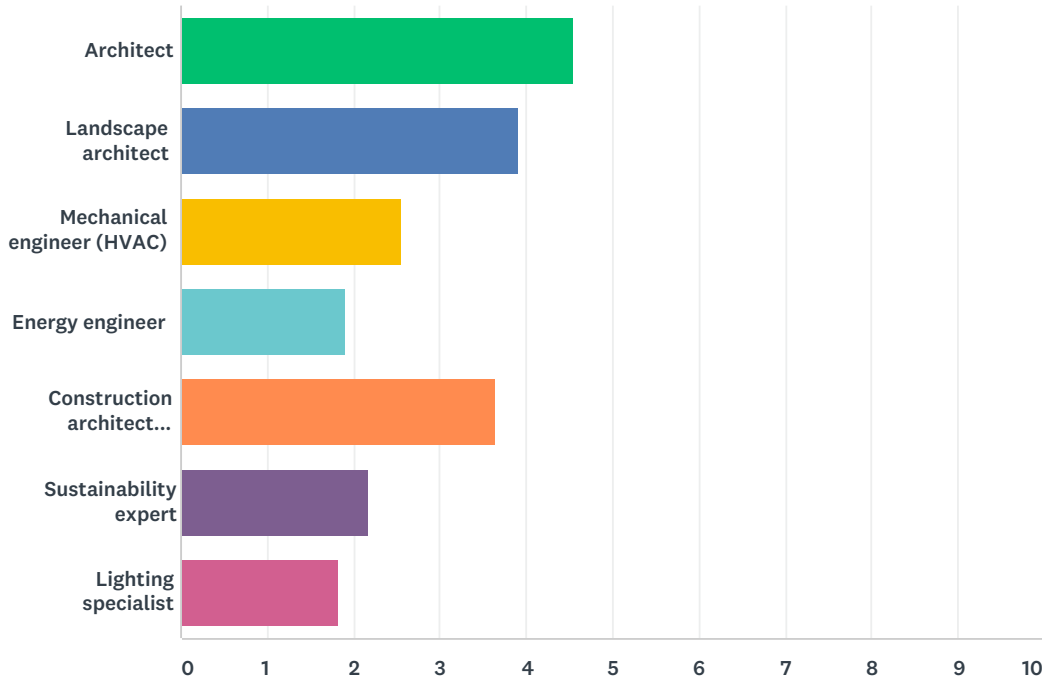
Besvaret: 7 Sprunget over: 13



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
Architect	0,00% 0	14,29% 1	0,00% 0	0,00% 0	85,71% 6	7	4,57
Landscape architect	14,29% 1	0,00% 0	42,86% 3	0,00% 0	42,86% 3	7	3,57
Mechanical engineer (HVAC)	28,57% 2	28,57% 2	42,86% 3	0,00% 0	0,00% 0	7	2,14
Energy engineer	42,86% 3	28,57% 2	28,57% 2	0,00% 0	0,00% 0	7	1,86
Construction architect (Konstruktør)	14,29% 1	28,57% 2	14,29% 1	14,29% 1	28,57% 2	7	3,14
Sustainability expert	42,86% 3	28,57% 2	28,57% 2	0,00% 0	0,00% 0	7	1,86
Lighting specialist	71,43% 5	14,29% 1	14,29% 1	0,00% 0	0,00% 0	7	1,43

Q4 Who do you mainly collaborate with in the Outline proposal phase and how much? 1 = no collaboration, 2 = monthly, 3 = weekly, 4 = daily, 5 = daily in the same office

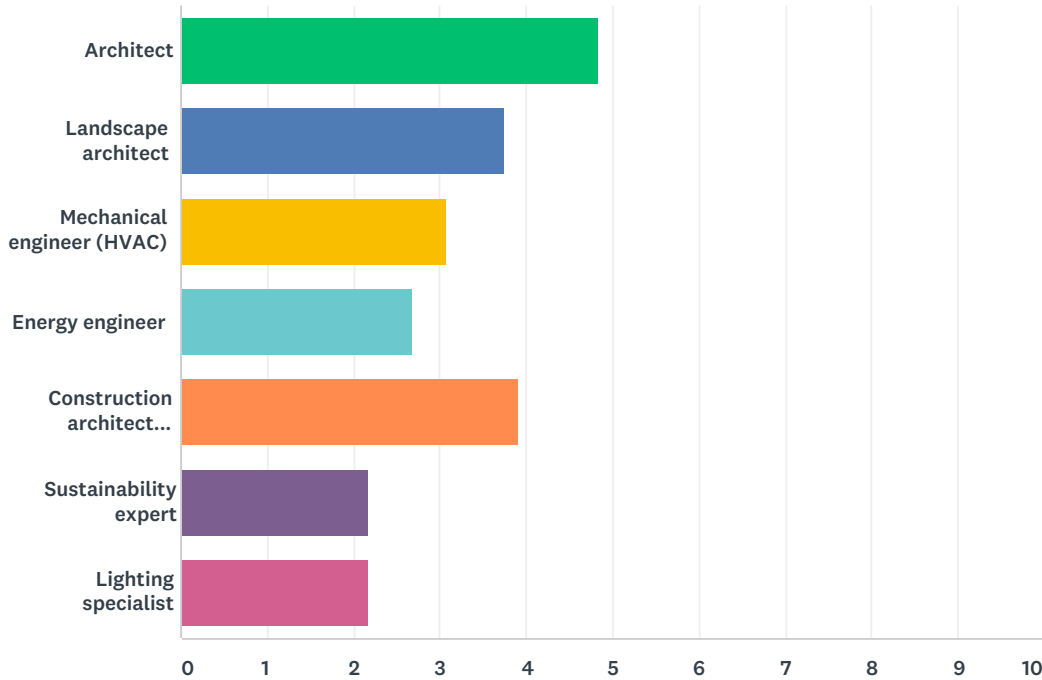
Besvaret: 11 Sprunget over: 9



	1	2	3	4	5	I ALT	VÆGTET GENNEMSNI
Architect	9,09% 1	0,00% 0	0,00% 0	9,09% 1	81,82% 9	11	4,55
Landscape architect	9,09% 1	0,00% 0	36,36% 4	0,00% 0	54,55% 6	11	3,91
Mechanical engineer (HVAC)	9,09% 1	27,27% 3	63,64% 7	0,00% 0	0,00% 0	11	2,55
Energy engineer	27,27% 3	54,55% 6	18,18% 2	0,00% 0	0,00% 0	11	1,91
Construction architect (Konstruktør)	9,09% 1	9,09% 1	36,36% 4	0,00% 0	45,45% 5	11	3,64
Sustainability expert	36,36% 4	27,27% 3	27,27% 3	0,00% 0	9,09% 1	11	2,18
Lighting specialist	54,55% 6	27,27% 3	9,09% 1	0,00% 0	9,09% 1	11	1,82

Q5 Who do you mainly collaborate with in the Project proposal phase and how much? 1 = no collaboration, 2 = monthly, 3 = weekly, 4 = daily, 5 = daily in the same office

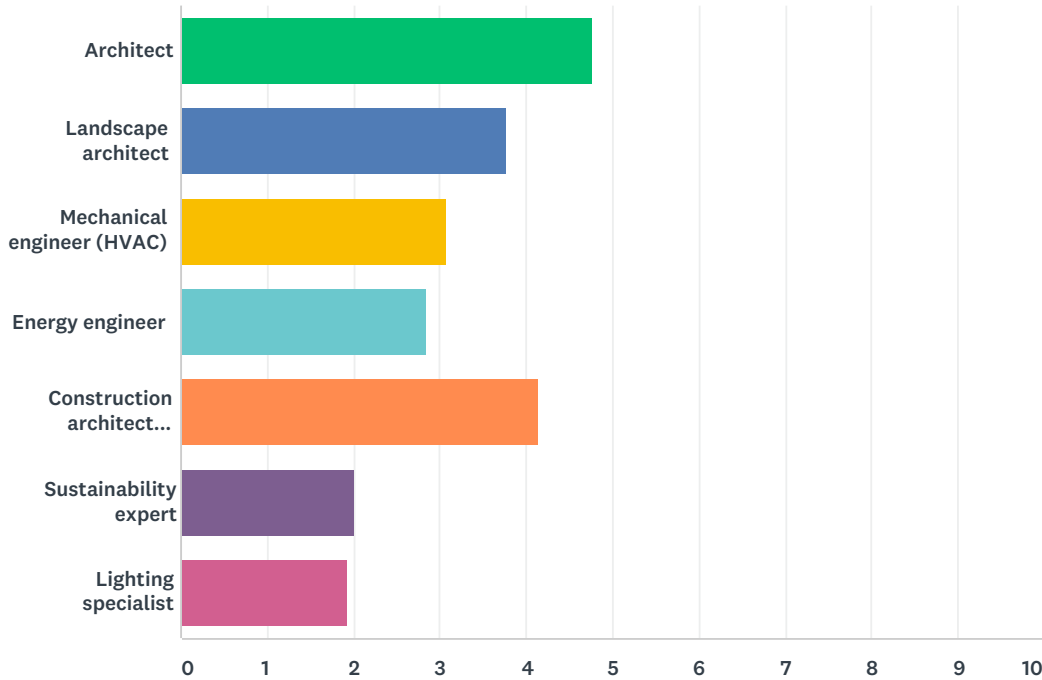
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
Architect	0,00% 0	0,00% 0	8,33% 1	0,00% 0	91,67% 11	12	4,83
Landscape architect	0,00% 0	8,33% 1	50,00% 6	0,00% 0	41,67% 5	12	3,75
Mechanical engineer (HVAC)	0,00% 0	25,00% 3	50,00% 6	16,67% 2	8,33% 1	12	3,08
Energy engineer	0,00% 0	50,00% 6	41,67% 5	0,00% 0	8,33% 1	12	2,67
Construction architect (Konstruktør)	0,00% 0	0,00% 0	50,00% 6	8,33% 1	41,67% 5	12	3,92
Sustainability expert	33,33% 4	33,33% 4	25,00% 3	0,00% 0	8,33% 1	12	2,17
Lighting specialist	33,33% 4	33,33% 4	25,00% 3	0,00% 0	8,33% 1	12	2,17

Q6 Who do you mainly collaborate with in the Preliminary project phase and how much? 1 = no collaboration, 2 = monthly, 3 = weekly, 4 = daily, 5 = daily in the same office

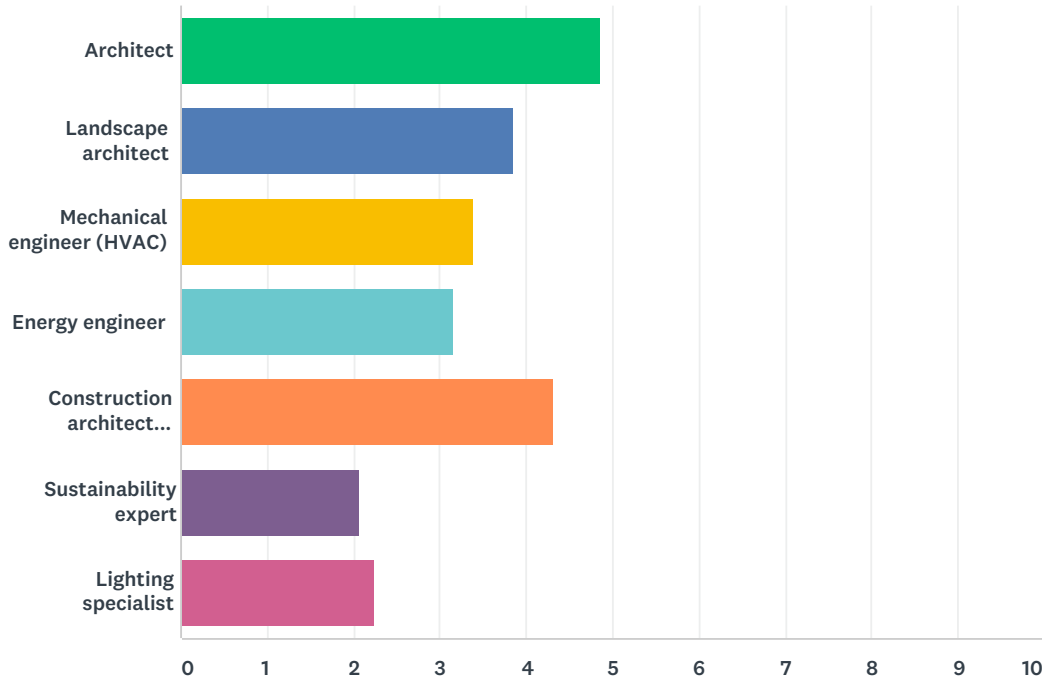
Besvaret: 13 Sprunget over: 7



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
Architect	0,00% 0	0,00% 0	7,69% 1	7,69% 1	84,62% 11	13	4,77
Landscape architect	7,69% 1	7,69% 1	30,77% 4	7,69% 1	46,15% 6	13	3,77
Mechanical engineer (HVAC)	0,00% 0	23,08% 3	53,85% 7	15,38% 2	7,69% 1	13	3,08
Energy engineer	0,00% 0	46,15% 6	38,46% 5	0,00% 0	15,38% 2	13	2,85
Construction architect (Konstruktør)	0,00% 0	0,00% 0	38,46% 5	7,69% 1	53,85% 7	13	4,15
Sustainability expert	46,15% 6	23,08% 3	23,08% 3	0,00% 0	7,69% 1	13	2,00
Lighting specialist	46,15% 6	30,77% 4	15,38% 2	0,00% 0	7,69% 1	13	1,92

Q7 Who do you mainly collaborate with in the Main project phase and how much? 1 = no collaboration, 2 = monthly, 3 = weekly, 4 = daily, 5 = daily in the same office

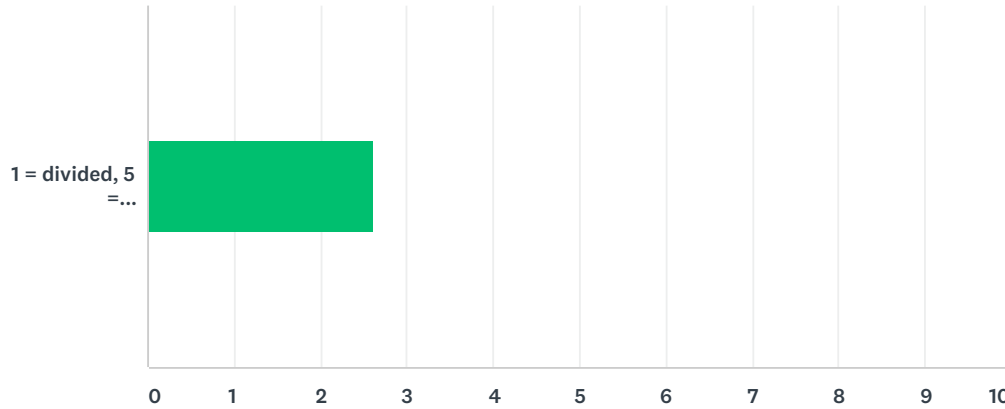
Besvaret: 13 Sprunget over: 7



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
Architect	0,00% 0	0,00% 0	7,69% 1	0,00% 0	92,31% 12	13	4,85
Landscape architect	7,69% 1	7,69% 1	23,08% 3	15,38% 2	46,15% 6	13	3,85
Mechanical engineer (HVAC)	7,69% 1	7,69% 1	46,15% 6	15,38% 2	23,08% 3	13	3,38
Energy engineer	0,00% 0	30,77% 4	38,46% 5	15,38% 2	15,38% 2	13	3,15
Construction architect (Konstruktør)	0,00% 0	0,00% 0	30,77% 4	7,69% 1	61,54% 8	13	4,31
Sustainability expert	46,15% 6	23,08% 3	15,38% 2	7,69% 1	7,69% 1	13	2,08
Lighting specialist	30,77% 4	38,46% 5	15,38% 2	7,69% 1	7,69% 1	13	2,23

Q8 To which degree does your studio work multidisciplinary in the early design phases? By early design phases, we mean Idea and Schematic design.

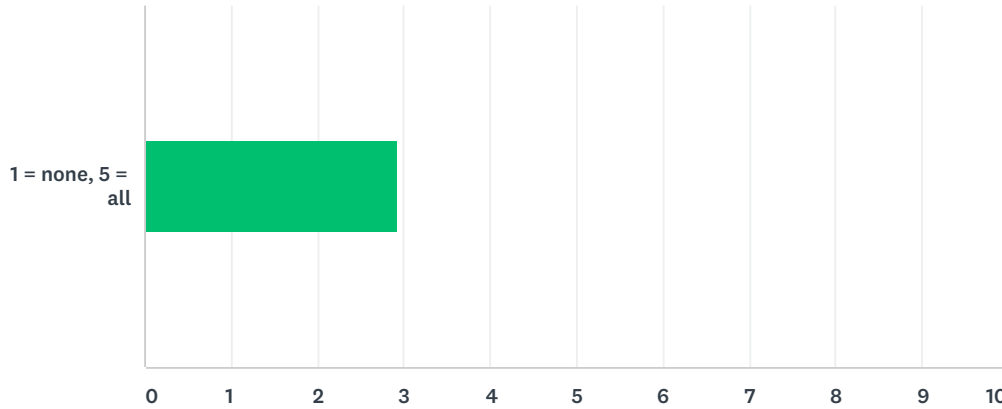
Besvaret: 13 Sprunget over: 7



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = divided, 5 = multidisciplinary	15,38%	23,08%	46,15%	15,38%	0,00%	13	2,62
	2	3	6	2	0		

Q9 How many of your design decisions are influenced by daylight, microclimate comfort and energy performance in the early design phases?

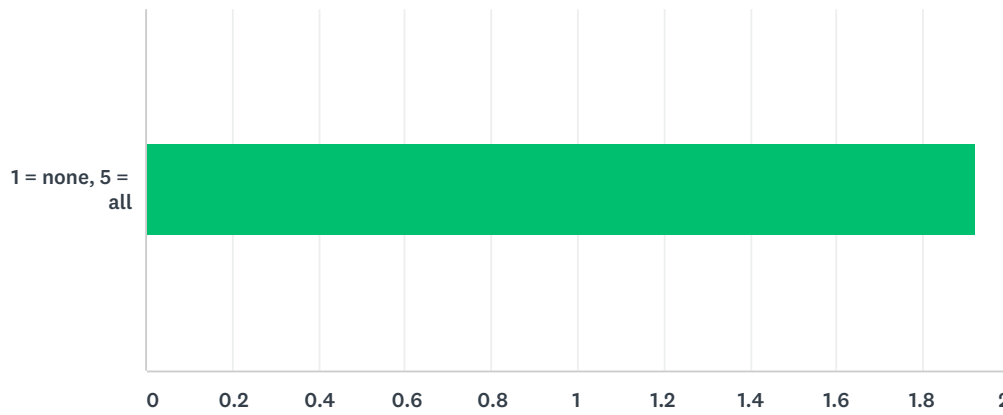
Besvaret: 13 Sprunget over: 7



	1	2	3	4	5	I ALT	VÆGTET GENNEMSNIT
1 = none, 5 = all	15,38%	23,08%	30,77%	15,38%	15,38%	13	2,92
	2	3	4	2	2		

Q10 How many of your design decisions are influenced by LCC and LCA in the early design phases?

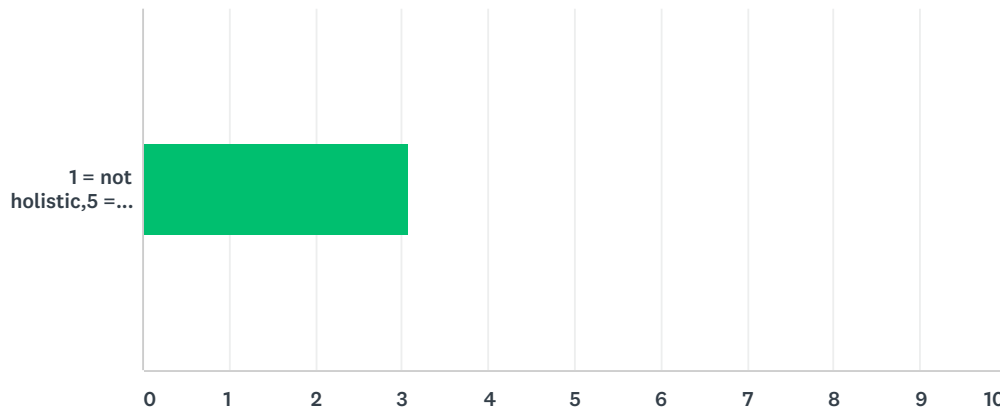
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = none, 5 = all	50,00% 6	16,67% 2	25,00% 3	8,33% 1	0,00% 0	12	1,92

Q11 How holistic/multidisciplinary is your design approach?

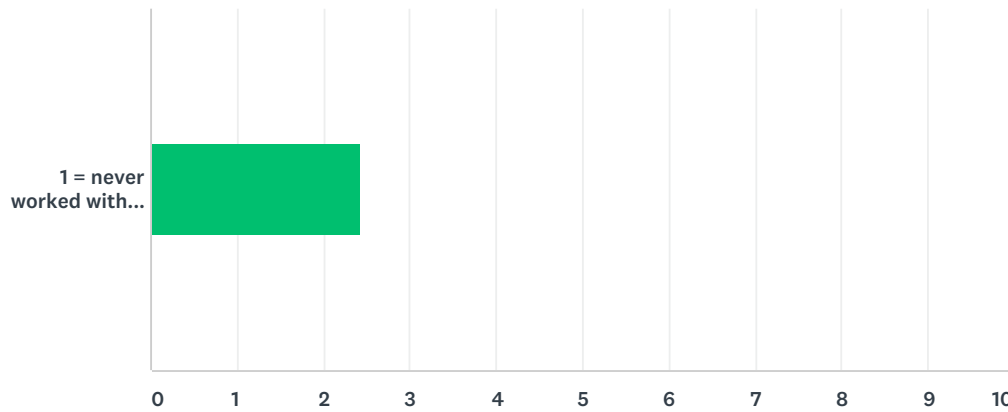
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = not holistic, 5 = very holistic	8,33%	16,67%	50,00%	8,33%	16,67%	12	3,08
	1	2	6	1	2		

Q12 How experienced are you with microclimate comfort?

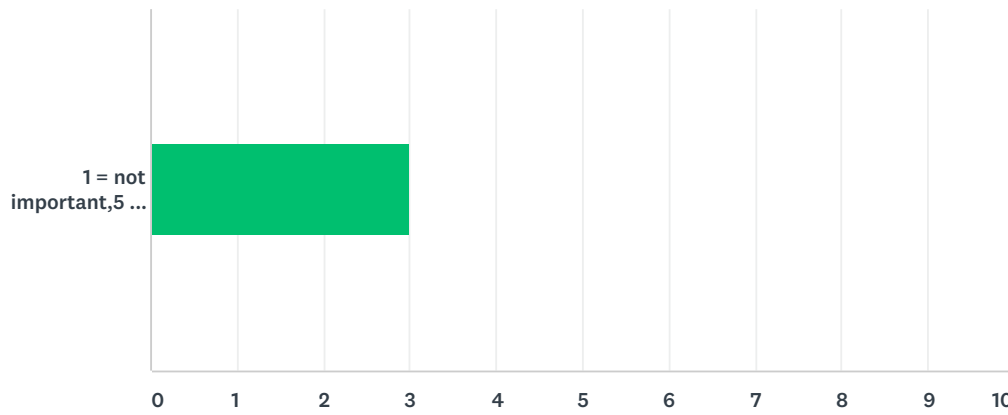
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = never worked with it,5 = expert	25,00%	16,67%	50,00%	8,33%	0,00%	12	2,42
	3	2	6	1	0		

Q13 How important is microclimate comfort in regards to the quality of the design?

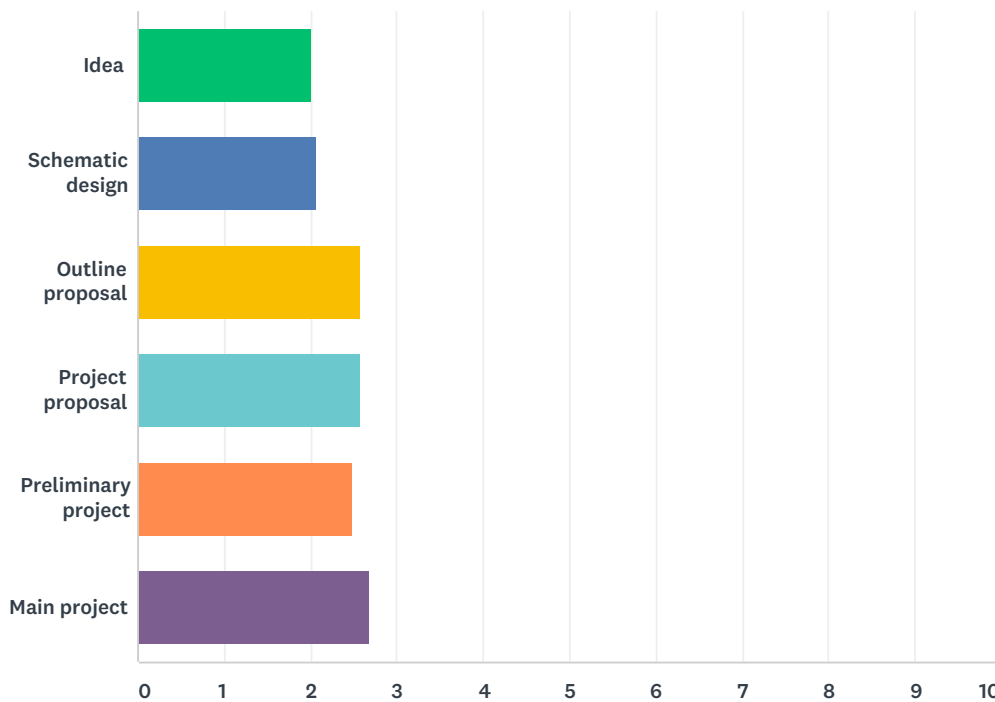
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = not important, 5 = very important	16,67%	16,67%	16,67%	50,00%	0,00%	12	3,00
	2	2	2	6	0		

Q14 How much does microclimate comfort influence your design decisions in the different phases? 1 = none, 5 = design driver

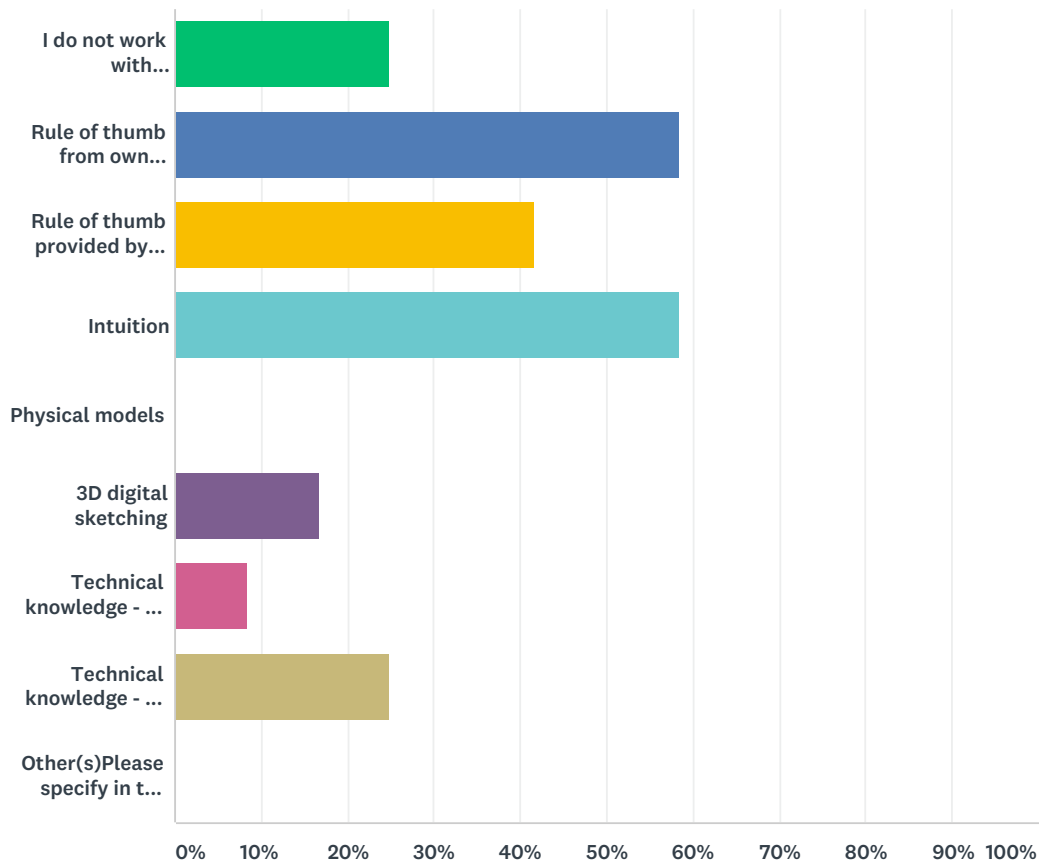
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSNI
Idea	33,33% 4	33,33% 4	33,33% 4	0,00% 0	0,00% 0	12	2,00
Schematic design	33,33% 4	25,00% 3	41,67% 5	0,00% 0	0,00% 0	12	2,08
Outline proposal	25,00% 3	16,67% 2	33,33% 4	25,00% 3	0,00% 0	12	2,58
Project proposal	25,00% 3	8,33% 1	50,00% 6	16,67% 2	0,00% 0	12	2,58
Preliminary project	33,33% 4	8,33% 1	33,33% 4	25,00% 3	0,00% 0	12	2,50
Main project	25,00% 3	16,67% 2	33,33% 4	16,67% 2	8,33% 1	12	2,67

Q15 How do you mainly work with microclimate comfort in the early design phases?

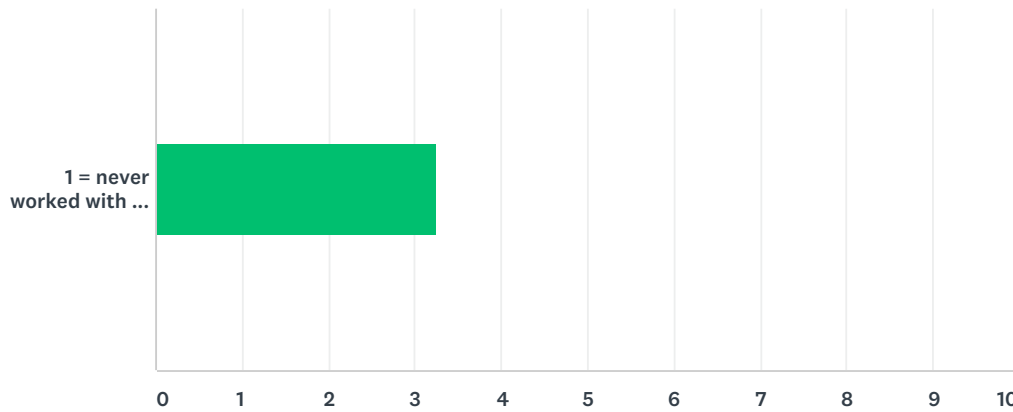
Besvaret: 12 Sprunget over: 8



SVARVALG	BESVARELSER	
I do not work with microclimate comfort	25,00%	3
Rule of thumb from own experience	58,33%	7
Rule of thumb provided by others	41,67%	5
Intuition	58,33%	7
Physical models	0,00%	0
3D digital sketching	16,67%	2
Technical knowledge - I run the analysis myselfPlease specify which analysis tools in the commentary box below	8,33%	1
Technical knowledge - I get input from othersPlease specify from who in the commentary box below	25,00%	3
Other(s)Please specify in the commentary box below	0,00%	0
Respondenter i alt: 12		

Q16 How experienced are you with daylight?

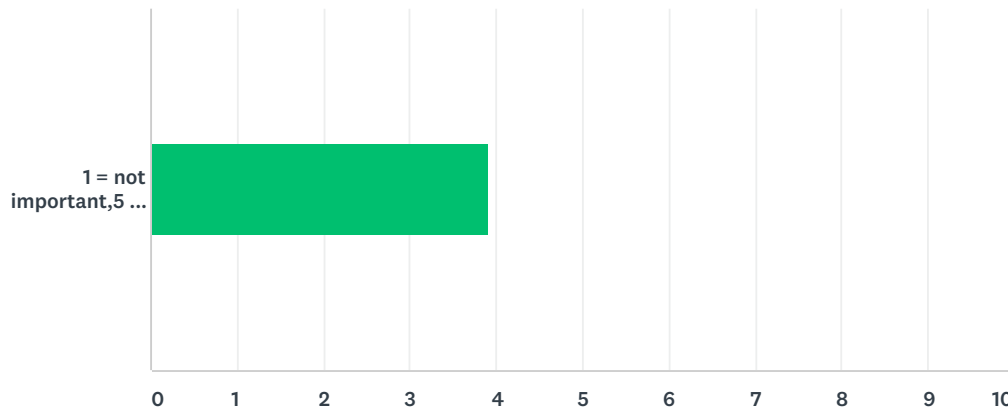
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = never worked with it5 = expert	8,33%	0,00%	58,33%	25,00%	8,33%	12	3,25
	1	0	7	3	1		

Q17 How important is daylight in regards to the quality of the design?

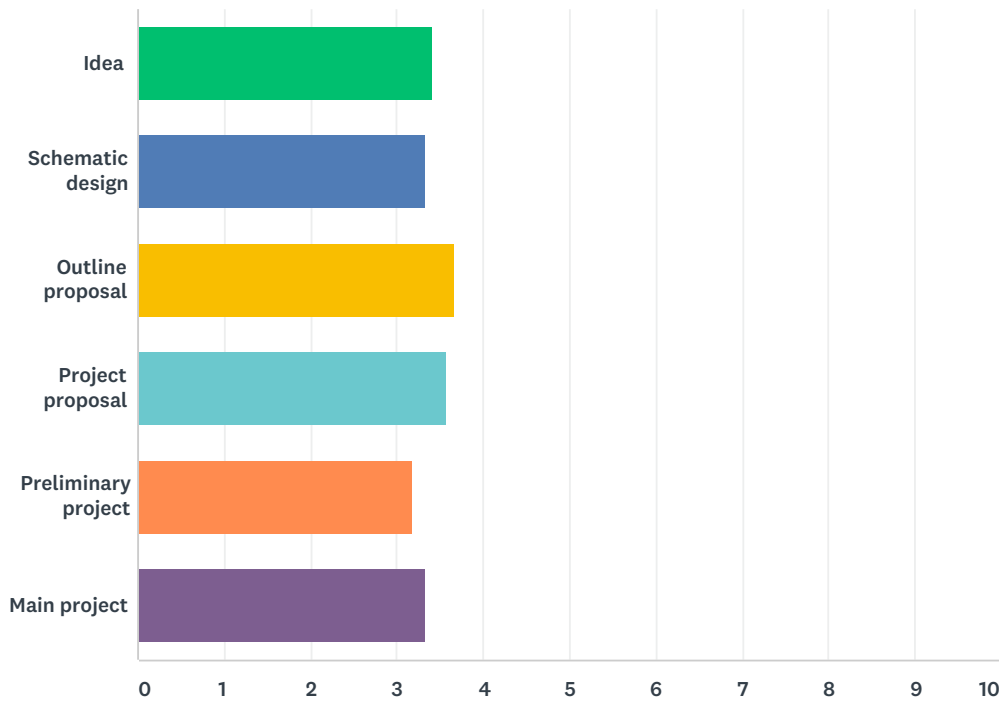
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = not important, 5 = very important	8,33%	0,00%	16,67%	41,67%	33,33%	12	3,92
	1	0	2	5	4		

Q18 How much does daylight influence your design decisions in the different phases? 1 = none, 5 = design driver

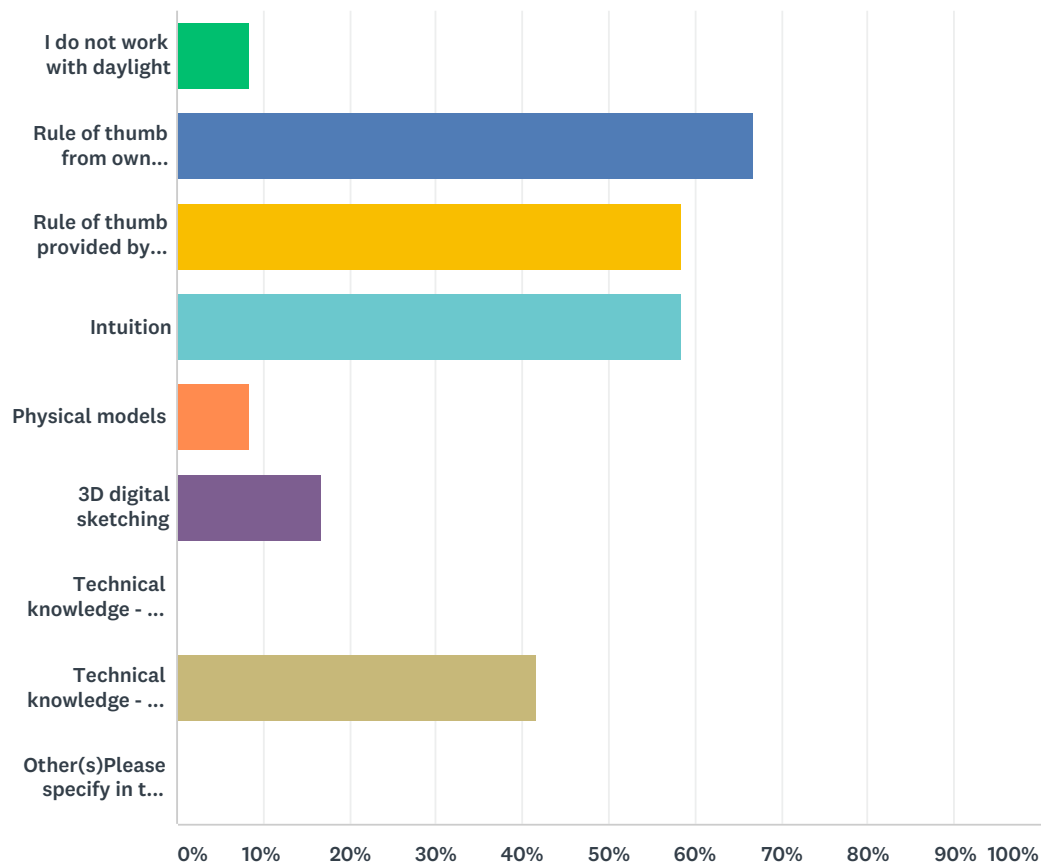
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
Idea	8,33% 1	0,00% 0	41,67% 5	41,67% 5	8,33% 1	12	3,42
Schematic design	8,33% 1	8,33% 1	33,33% 4	41,67% 5	8,33% 1	12	3,33
Outline proposal	8,33% 1	0,00% 0	33,33% 4	33,33% 4	25,00% 3	12	3,67
Project proposal	8,33% 1	0,00% 0	33,33% 4	41,67% 5	16,67% 2	12	3,58
Preliminary project	16,67% 2	0,00% 0	41,67% 5	33,33% 4	8,33% 1	12	3,17
Main project	8,33% 1	0,00% 0	50,00% 6	33,33% 4	8,33% 1	12	3,33

Q19 How do you mainly work with daylight in the early design phases?

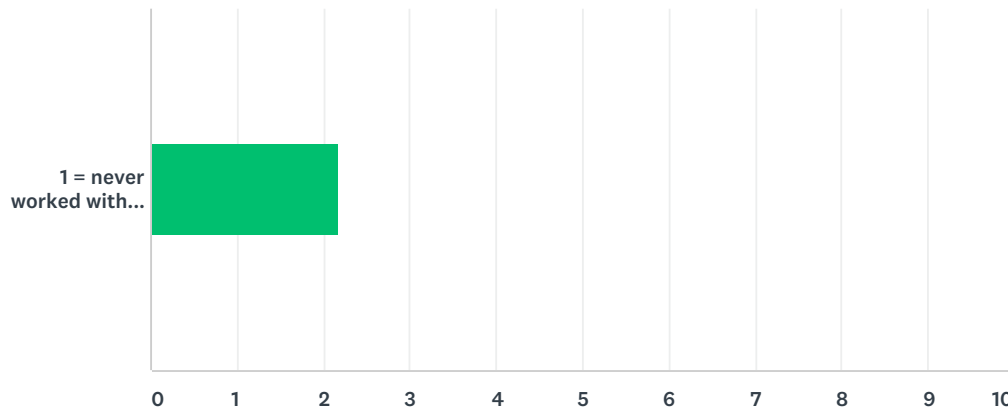
Besvaret: 12 Sprunget over: 8



SVARVALG	BESVARELSER	
I do not work with daylight	8,33%	1
Rule of thumb from own experience	66,67%	8
Rule of thumb provided by others	58,33%	7
Intuition	58,33%	7
Physical models	8,33%	1
3D digital sketching	16,67%	2
Technical knowledge - I run the analysis myselfPlease specify which analysis tools in the commentary box below	0,00%	0
Technical knowledge - I get input from othersPlease specify from who in the commentary box below	41,67%	5
Other(s)Please specify in the commentary box below	0,00%	0
Respondenter i alt: 12		

Q20 How experienced are you with energy performance?

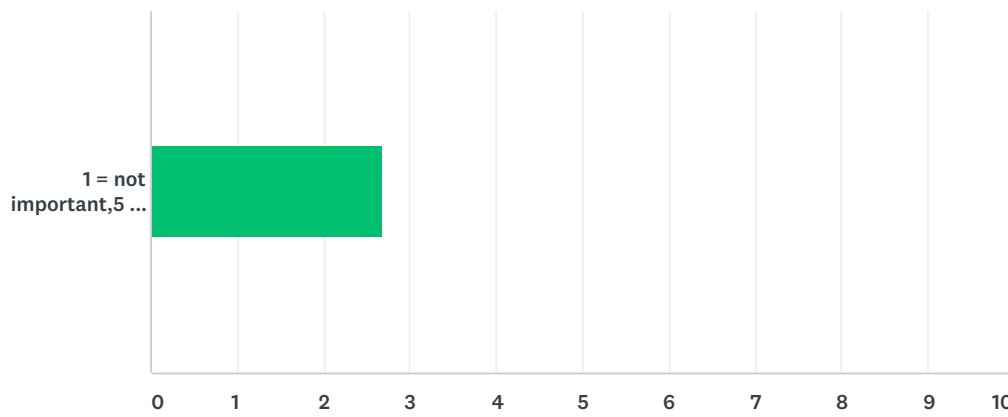
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = never worked with it,5 = expert	25,00% 3	41,67% 5	25,00% 3	8,33% 1	0,00% 0	12	2,17

Q21 How important is energy performance in regards to the quality of the design?

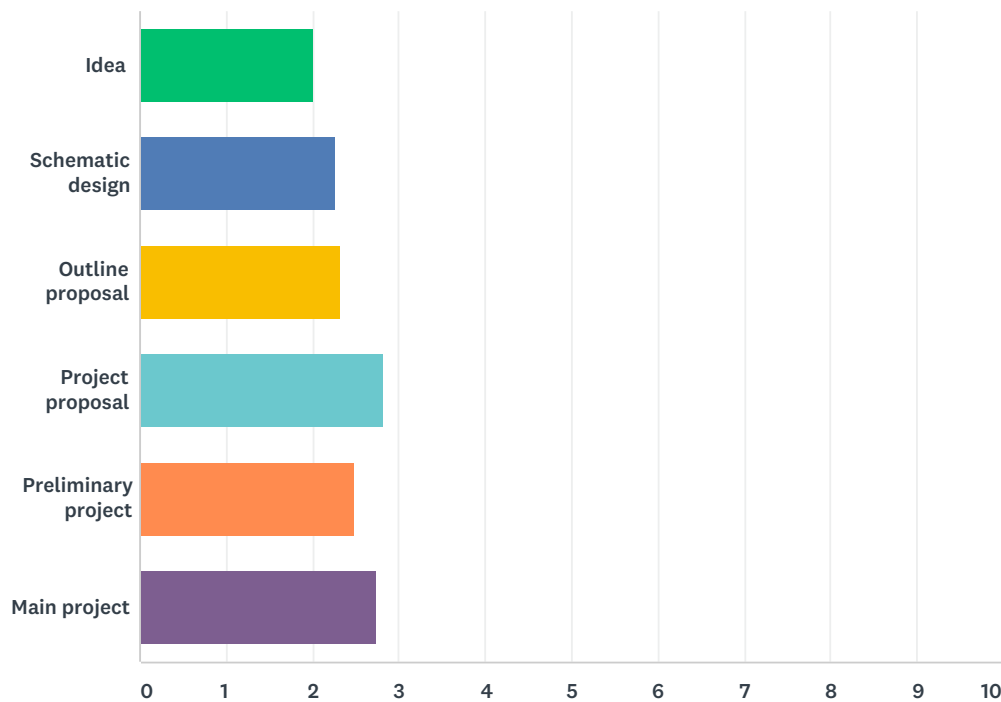
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = not important, 5 = very important	16,67%	16,67%	50,00%	16,67%	0,00%	12	2,67
	2	2	6	2	0		

Q22 How much does energy performance influence your design decisions in the different phases? 1 = none, 5 = design driver

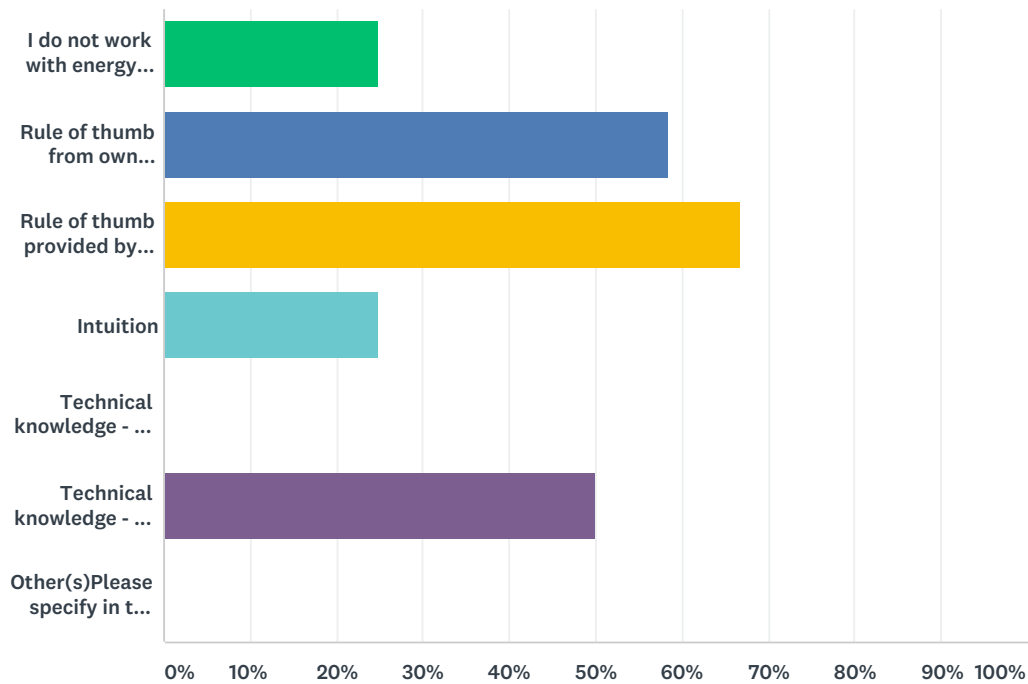
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSNIT
Idea	33,33% 4	41,67% 5	16,67% 2	8,33% 1	0,00% 0	12	2,00
Schematic design	25,00% 3	41,67% 5	16,67% 2	16,67% 2	0,00% 0	12	2,25
Outline proposal	25,00% 3	33,33% 4	25,00% 3	16,67% 2	0,00% 0	12	2,33
Project proposal	16,67% 2	16,67% 2	33,33% 4	33,33% 4	0,00% 0	12	2,83
Preliminary project	25,00% 3	16,67% 2	41,67% 5	16,67% 2	0,00% 0	12	2,50
Main project	16,67% 2	25,00% 3	33,33% 4	16,67% 2	8,33% 1	12	2,75

Q23 How do you mainly work with energy performance in the early design phases?

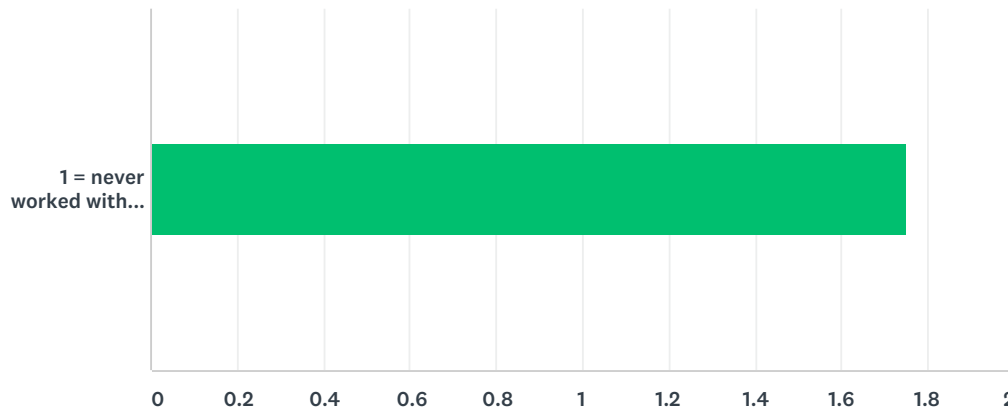
Besvaret: 12 Sprunget over: 8



SVARVALG	BESVARELSER	
I do not work with energy performance	25,00%	3
Rule of thumb from own experience	58,33%	7
Rule of thumb provided by others	66,67%	8
Intuition	25,00%	3
Technical knowledge - I run the analysis myselfPlease specify which analysis tools in the commentary box below	0,00%	0
Technical knowledge - I get input from othersPlease specify from who in the commentary box below	50,00%	6
Other(s)Please specify in the commentary box below	0,00%	0
Respondenter i alt: 12		

Q24 How experienced are you with LCC?

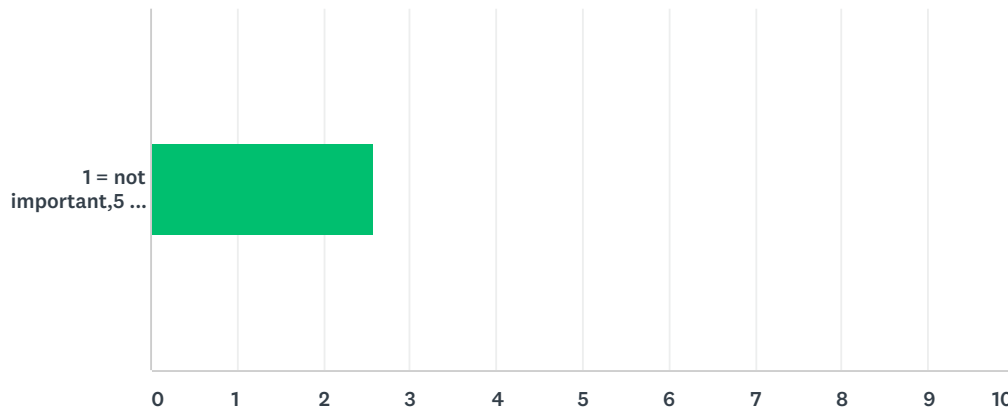
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = never worked with it,5 = expert	41,67%	41,67%	16,67%	0,00%	0,00%	12	1,75
	5	5	2	0	0		

Q25 How important is LCC in regards to the quality of the design?

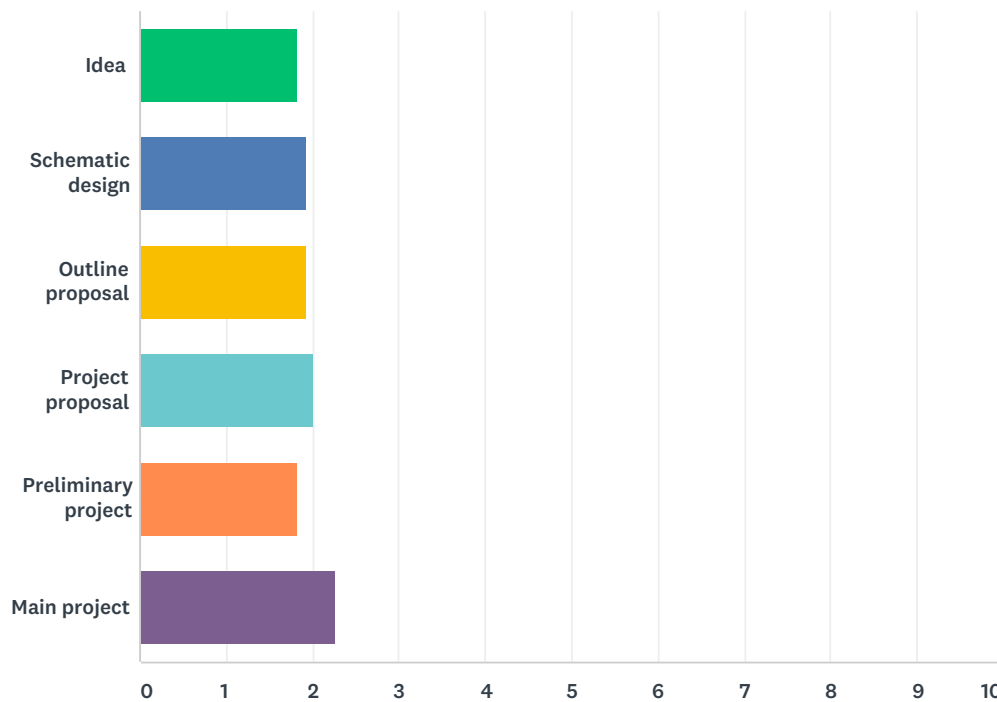
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = not important, 5 = very important	8,33%	41,67%	33,33%	16,67%	0,00%	12	2,58
	1	5	4	2	0		

Q26 How much does LCC influence your design decisions in the different phases? 1 = none, 5 = design driver

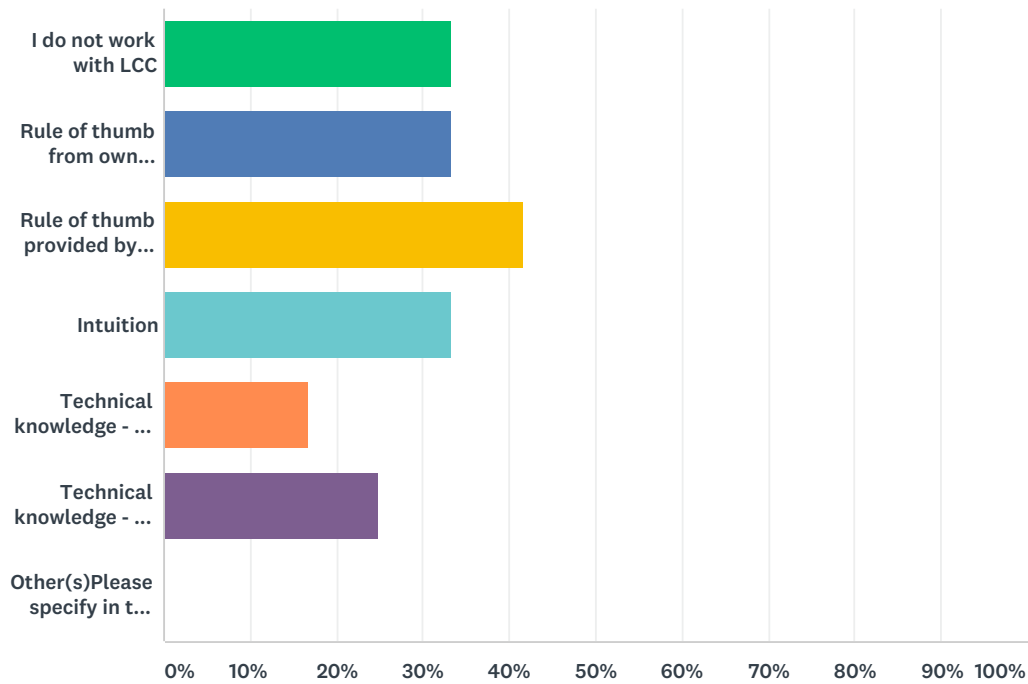
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSNIT
Idea	41,67% 5	33,33% 4	25,00% 3	0,00% 0	0,00% 0	12	1,83
Schematic design	41,67% 5	25,00% 3	33,33% 4	0,00% 0	0,00% 0	12	1,92
Outline proposal	41,67% 5	25,00% 3	33,33% 4	0,00% 0	0,00% 0	12	1,92
Project proposal	33,33% 4	33,33% 4	33,33% 4	0,00% 0	0,00% 0	12	2,00
Preliminary project	41,67% 5	33,33% 4	25,00% 3	0,00% 0	0,00% 0	12	1,83
Main project	25,00% 3	33,33% 4	33,33% 4	8,33% 1	0,00% 0	12	2,25

Q27 How do you mainly work with LCC in the early design phases?

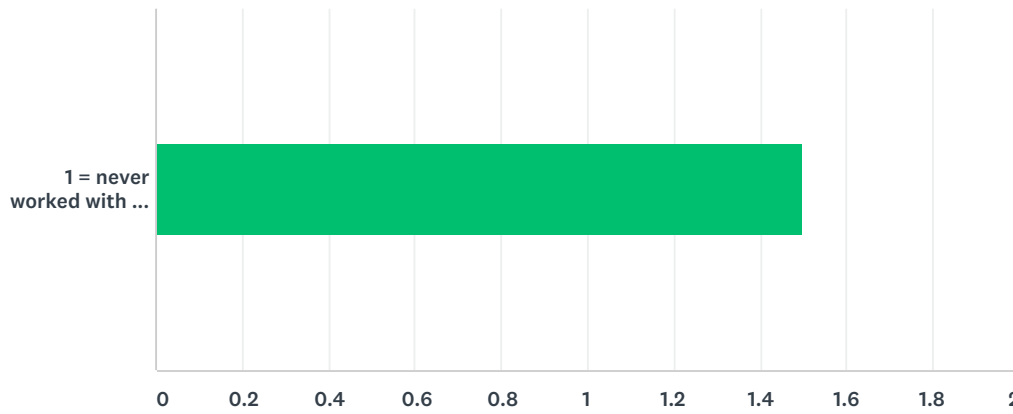
Besvaret: 12 Sprunget over: 8



SVARVALG	BESVARELSER
I do not work with LCC	33,33% 4
Rule of thumb from own experience	33,33% 4
Rule of thumb provided by others	41,67% 5
Intuition	33,33% 4
Technical knowledge - I run the analysis myselfPlease specify which analysis tools in the commentary box below	16,67% 2
Technical knowledge - I get input from othersPlease specify from who in the commentary box below	25,00% 3
Other(s)Please specify in the commentary box below	0,00% 0
Respondenter i alt: 12	

Q28 How experienced are you with LCA?

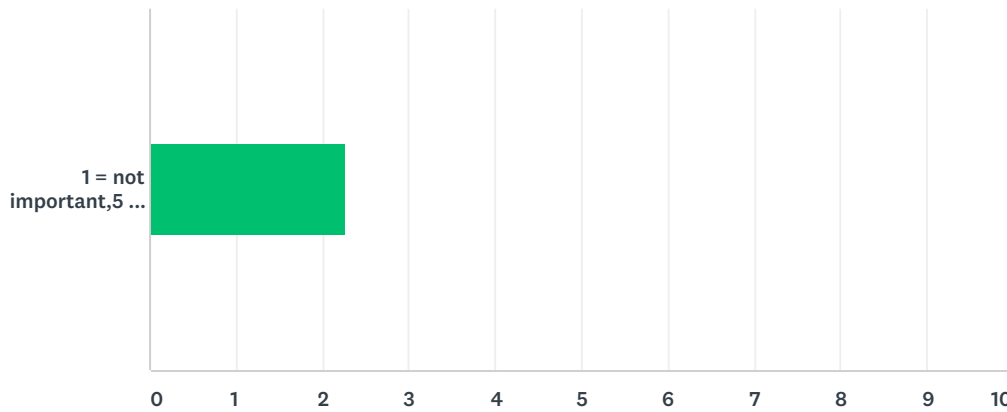
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = never worked with it, 5 = expert	58,33%	33,33%	8,33%	0,00%	0,00%	12	1,50
	7	4	1	0	0		

Q29 How important is LCA in regards to the quality of the design?

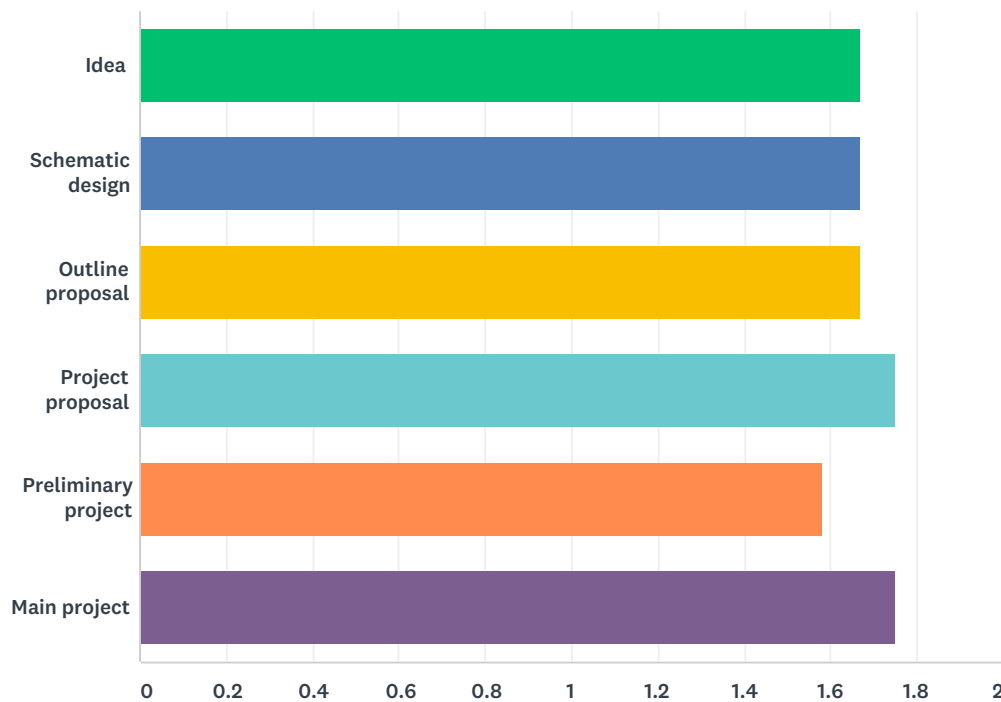
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSIT
1 = not important, 5 = very important	25,00%	41,67%	16,67%	16,67%	0,00%	12	2,25
	3	5	2	2	0		

Q30 How much does LCA influence your design decisions in the different phases? 1 = none, 5 = design driver

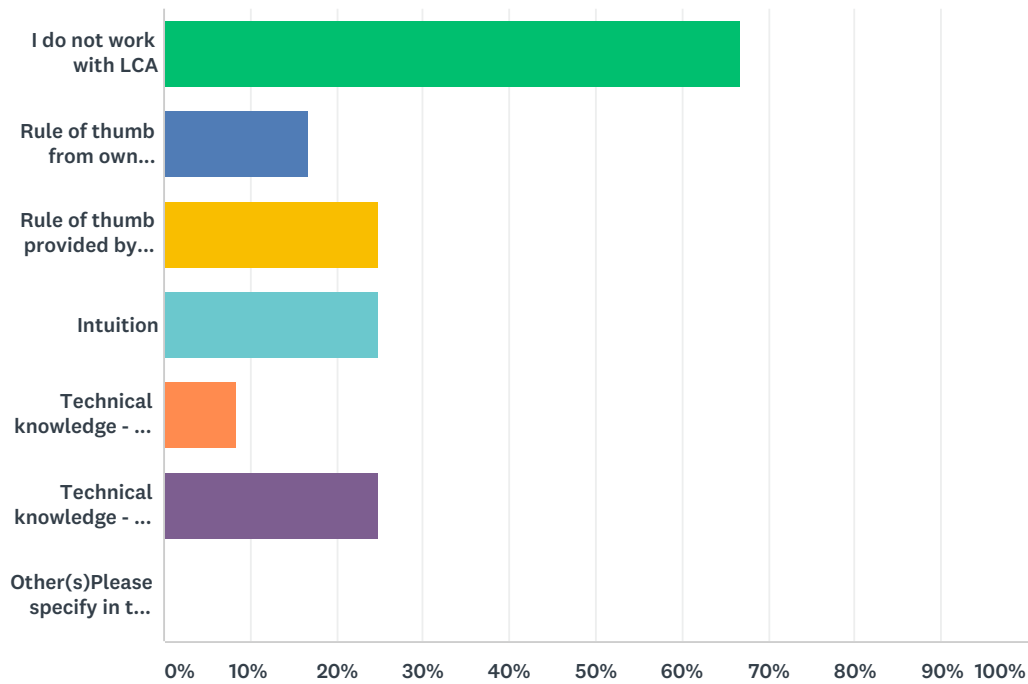
Besvaret: 12 Sprunget over: 8



	1	2	3	4	5	I ALT	VÆGTET GENNEMSNIT
Idea	50,00% 6	33,33% 4	16,67% 2	0,00% 0	0,00% 0	12	1,67
Schematic design	50,00% 6	33,33% 4	16,67% 2	0,00% 0	0,00% 0	12	1,67
Outline proposal	50,00% 6	33,33% 4	16,67% 2	0,00% 0	0,00% 0	12	1,67
Project proposal	41,67% 5	41,67% 5	16,67% 2	0,00% 0	0,00% 0	12	1,75
Preliminary project	58,33% 7	25,00% 3	16,67% 2	0,00% 0	0,00% 0	12	1,58
Main project	41,67% 5	41,67% 5	16,67% 2	0,00% 0	0,00% 0	12	1,75

Q31 How do you mainly work with LCA in the early design phases?

Besvaret: 12 Sprunget over: 8



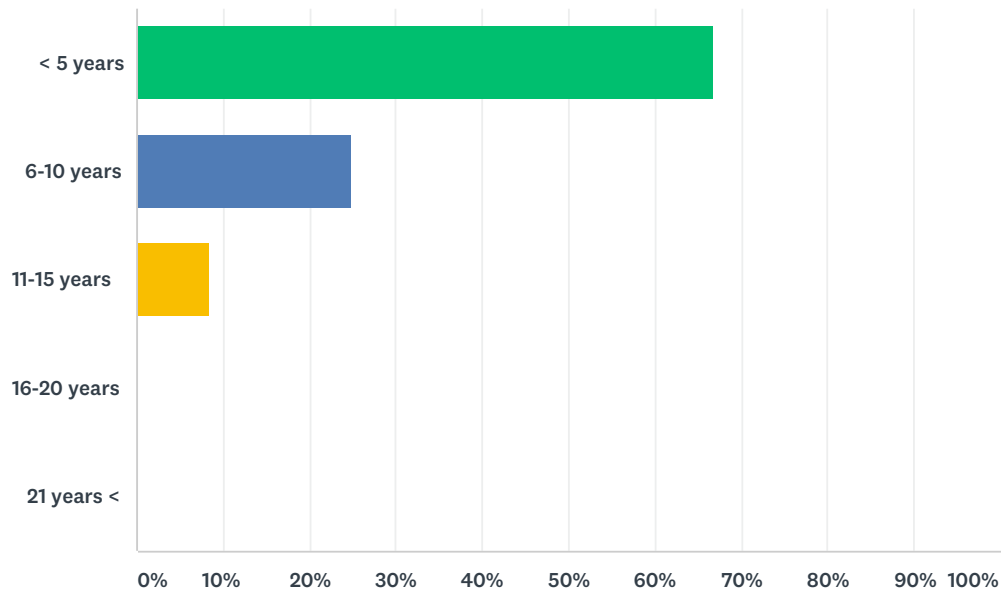
SVARVALG	BESVARELSER	
I do not work with LCA	66,67%	8
Rule of thumb from own experience	16,67%	2
Rule of thumb provided by others	25,00%	3
Intuition	25,00%	3
Technical knowledge - I run the analysis myselfPlease specify which analysis tools in the commentary box below	8,33%	1
Technical knowledge - I get input from othersPlease specify from who in the commentary box below	25,00%	3
Other(s)Please specify in the commentary box below	0,00%	0
Respondenter i alt: 12		

Q32 Company name and office

Besvaret: 10 Sprunget over: 10

Q33 Seniority in current company

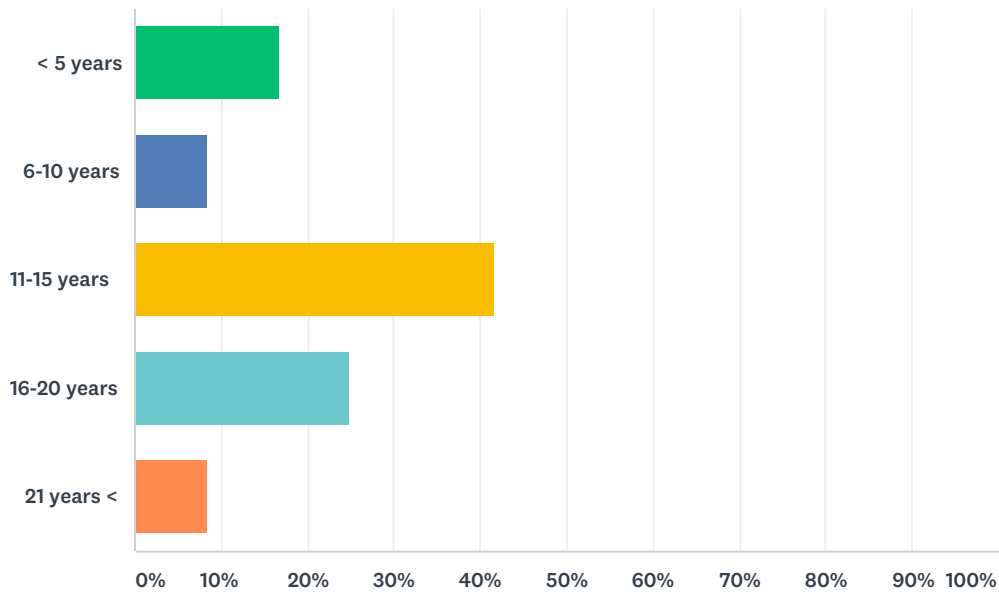
Besvaret: 12 Sprunget over: 8



SVARVALG	BESVARELSER	
< 5 years	66,67%	8
6-10 years	25,00%	3
11-15 years	8,33%	1
16-20 years	0,00%	0
21 years <	0,00%	0
I ALT		12

Q34 Total seniority

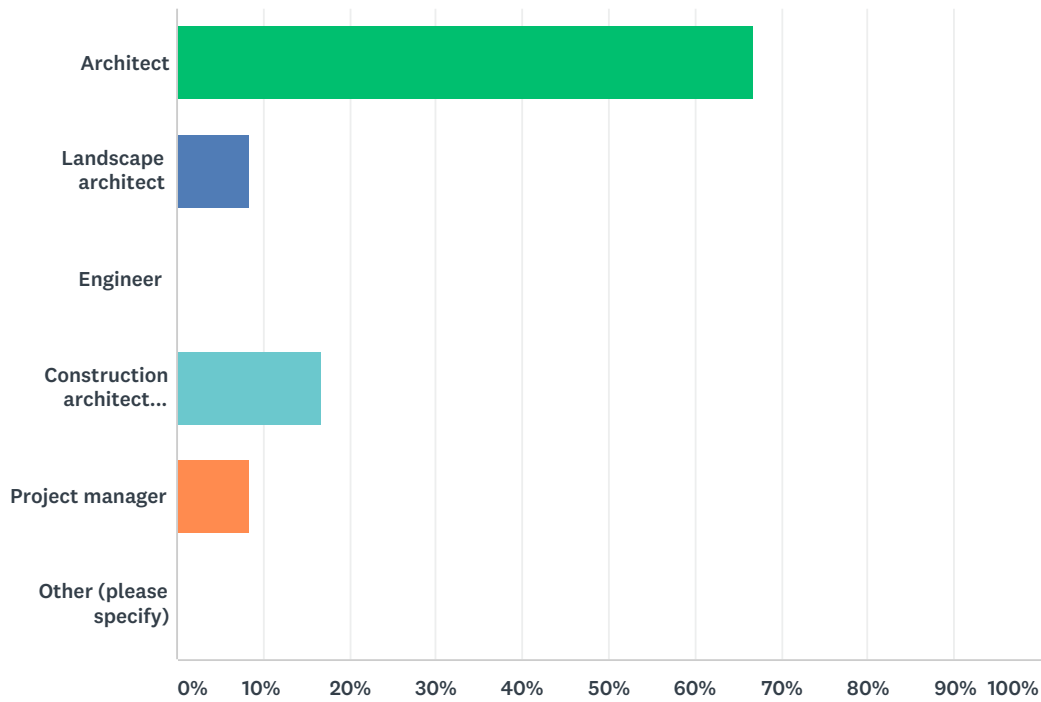
Besvaret: 12 Sprunget over: 8



SVARVALG	BESVARELSER	
< 5 years	16,67%	2
6-10 years	8,33%	1
11-15 years	41,67%	5
16-20 years	25,00%	3
21 years <	8,33%	1
I ALT		12

Q35 Job

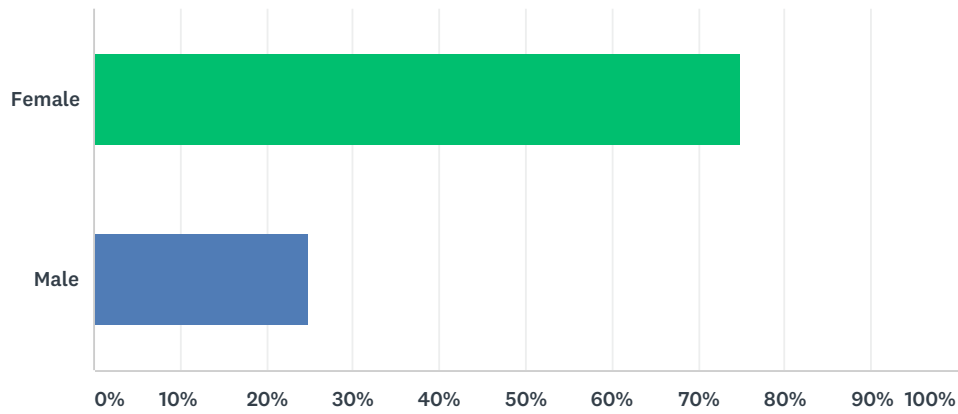
Besvaret: 12 Sprunget over: 8



SVARVALG	BESVARELSER	
Architect	66,67%	8
Landscape architect	8,33%	1
Engineer	0,00%	0
Construction architect (Konstruktør)	16,67%	2
Project manager	8,33%	1
Other (please specify)	0,00%	0
Respondenter i alt: 12		

Q36 Gender

Besvaret: 12 Sprunget over: 8



SVARVALG	BESVARELSER	
Female	75,00%	9
Male	25,00%	3
I ALT		12