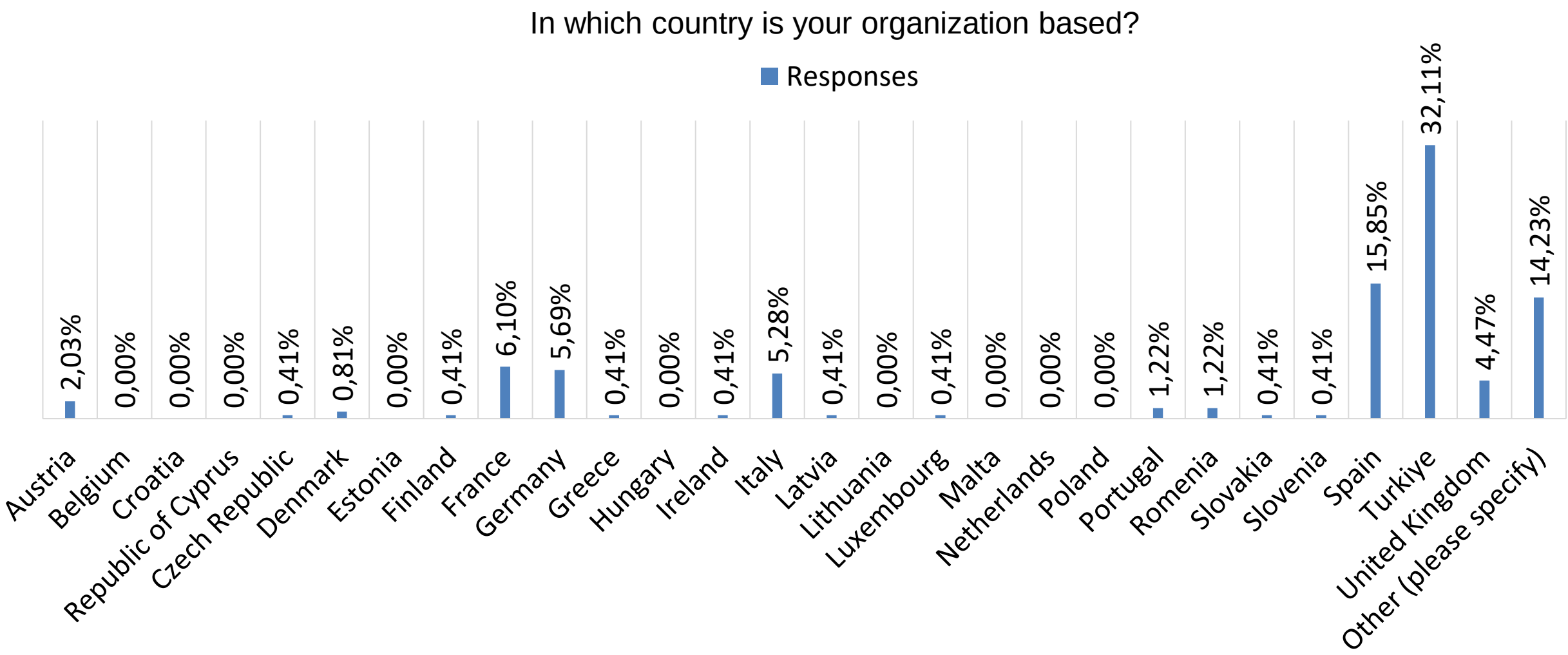




Appendix 2: Survey Results

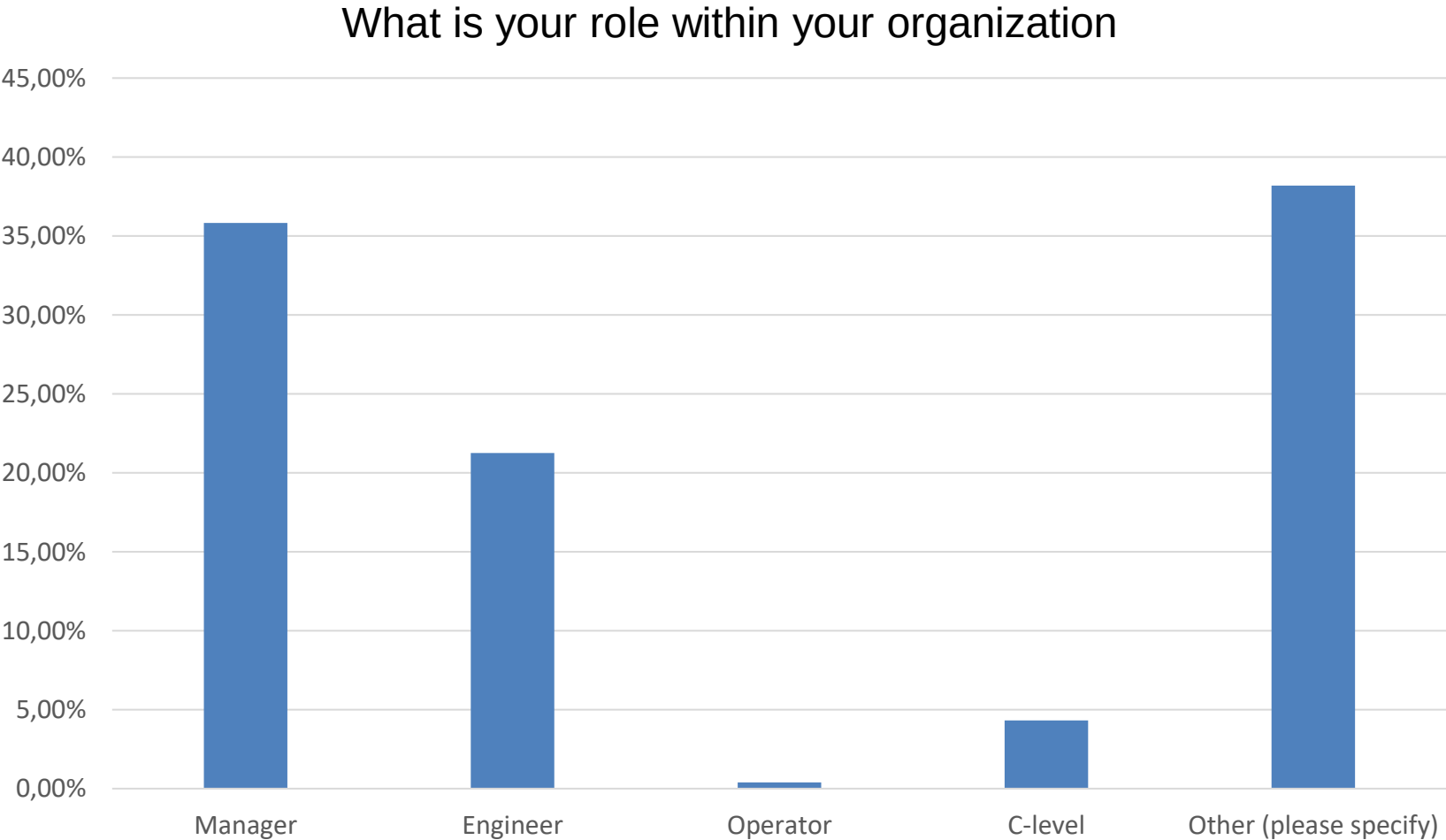
*This publication has been done for Address for Future project, **ERASMUS+ Programme Grant Agreement Contract Number - [2021-1-TR01-KA220-VET-000034888]**. The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.*

Austria	5
Czech Republic	1
Denmark	2
Finland	1
France	15
Germany	14
Greece	1
Ireland	1
Italy	13
Latvia	1
Luxembourg	1
Other (please specify)	35
Portugal	3
Romenia	3
Slovakia	1
Slovenia	1
Spain	39
Turkiye	79
United Kingdom	11
(blank)	3
Grand Total	



What is your role within your organization

Answer Choices	Responses	
Manager	35,83%	91
Engineer	21,26%	54
Operator	0,39%	1
C-level	4,33%	11
Other (please specify)	38,19%	97
Answered		254



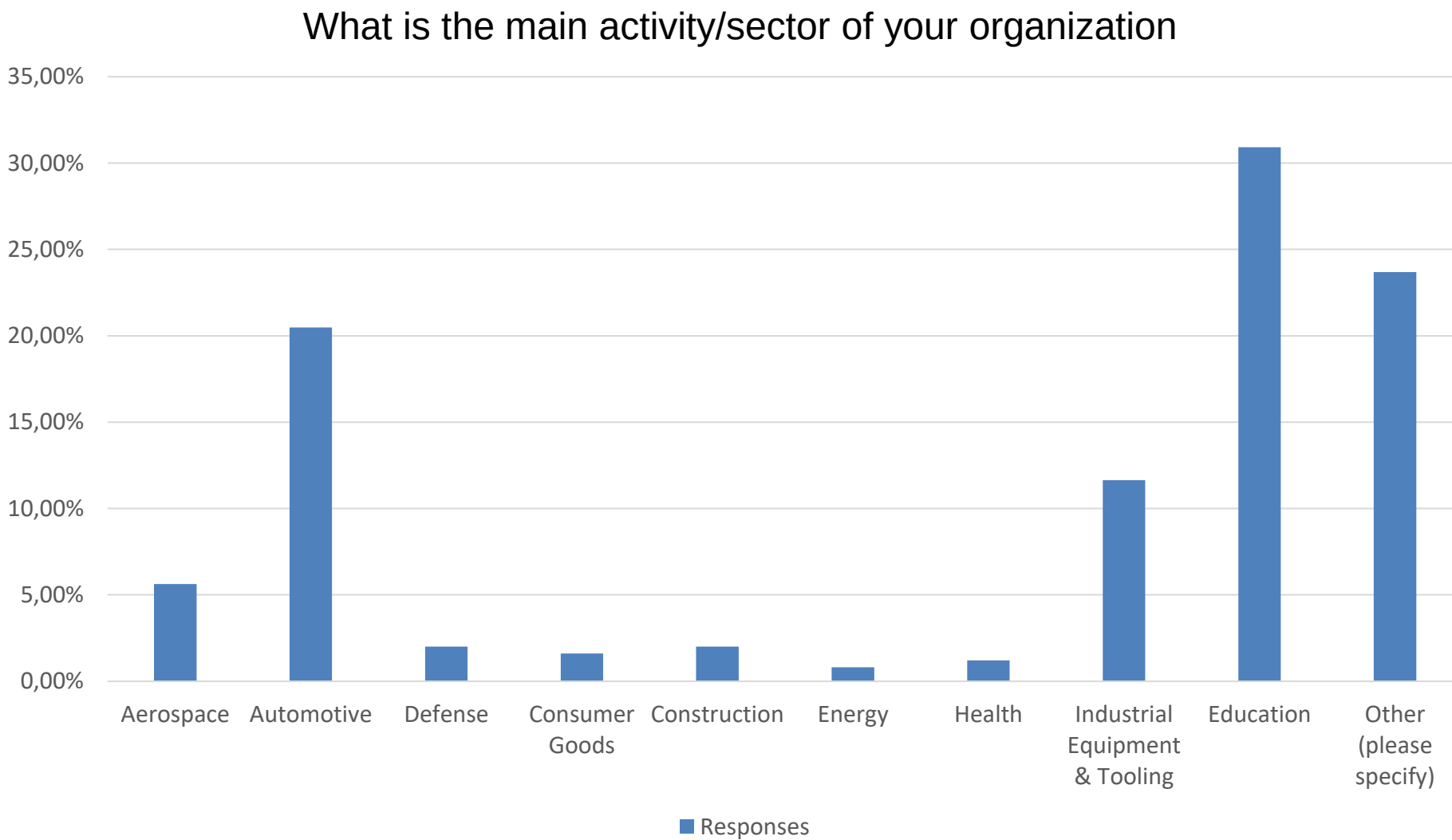
Select the type of your organization

Answer Choices	Responses	
Start-up	4,02%	10
SME	15,66%	39
Large Company	25,70%	64
Industrial Association	4,42%	11
Education	32,13%	80
Private Education	1,61%	4
Organization	6,43%	16
Other (please specify)	10,04%	25
Answered		249
Skipped		0



What is the main activity/sector of your organization

Answer Choices	Responses	
Aerospace	5,62%	14
Automotive	20,48%	51
Defense	2,01%	5
Consumer Goods	1,61%	4
Construction	2,01%	5
Energy	0,80%	2
Health	1,20%	3
Industrial Equipment & Tooling	11,65%	29
Education	30,92%	77
Other (please specify)	23,69%	59
Answered		249



Is your organization currently using AM?

Answer Choices		Responses
Yes	70,68%	176
No	29,32%	73
Answered		249

Do you plan to use / implement AM technologies in your organization in the coming future?

Answer Choices		Responses
Yes	47,89%	34
No	52,11%	37
Answered		71
Skipped		178

What kind of investment will you make?

Answer Choices		Responses
AM machinery/equipment	51,52%	17
Software	27,27%	9
Training	45,45%	15
Personnel	21,21%	7
Facilities	9,09%	3
R&D	39,39%	13
Answered		33
Skipped		216

For how long is your organization using AM?

Answer Choices	Responses	
Less than 1 year	7,45%	12
Between 1-5 years	42,86%	69
More than 5 years	49,69%	80
Answered		161
Skipped		88

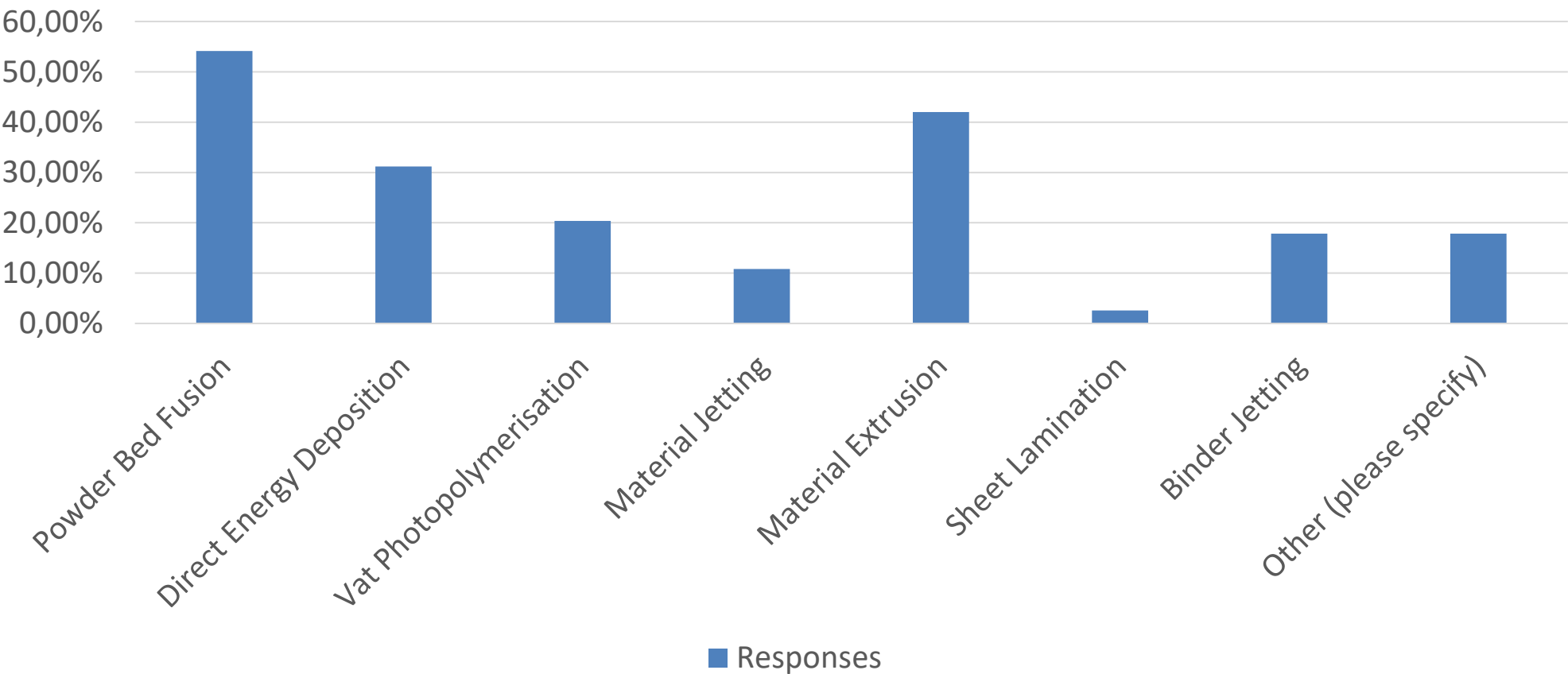
What kind of investment have you had?

Answer Choices	Responses	
AM		
machinery/equipment	83,54%	132
Software	62,03%	98
Training	48,73%	77
Personnel	50,63%	80
Facilities	41,14%	65
R&D	72,15%	114
Answered		158
Skipped		91

Which are the new AM technologies that you integrated in your organization activity?

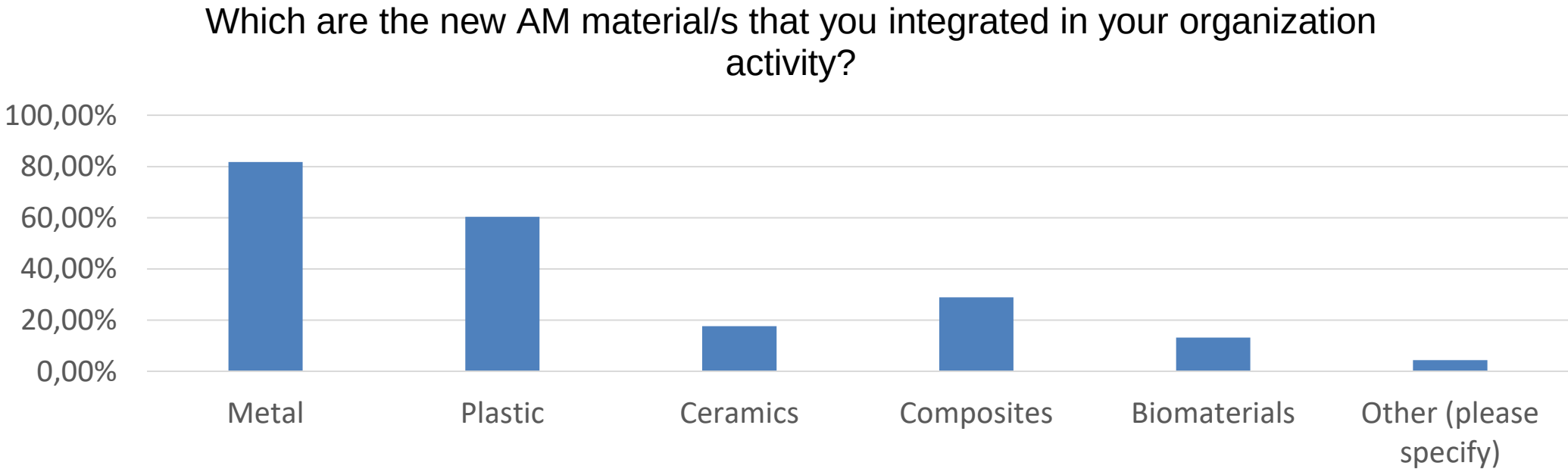
Answer Choices	Responses	
Powder Bed Fusion	54,14%	85
Direct Energy Deposition	31,21%	49
Vat Photopolymerisation	20,38%	32
Material Jetting	10,83%	17
Material Extrusion	42,04%	66
Sheet Lamination	2,55%	4
Binder Jetting	17,83%	28
Other (please specify)	17,83%	28
Answered		157
Skipped		92

Which are the new AM technologies that you integrated in your organization activity?



Which are the new AM material/s that you integrated in your organization activity?

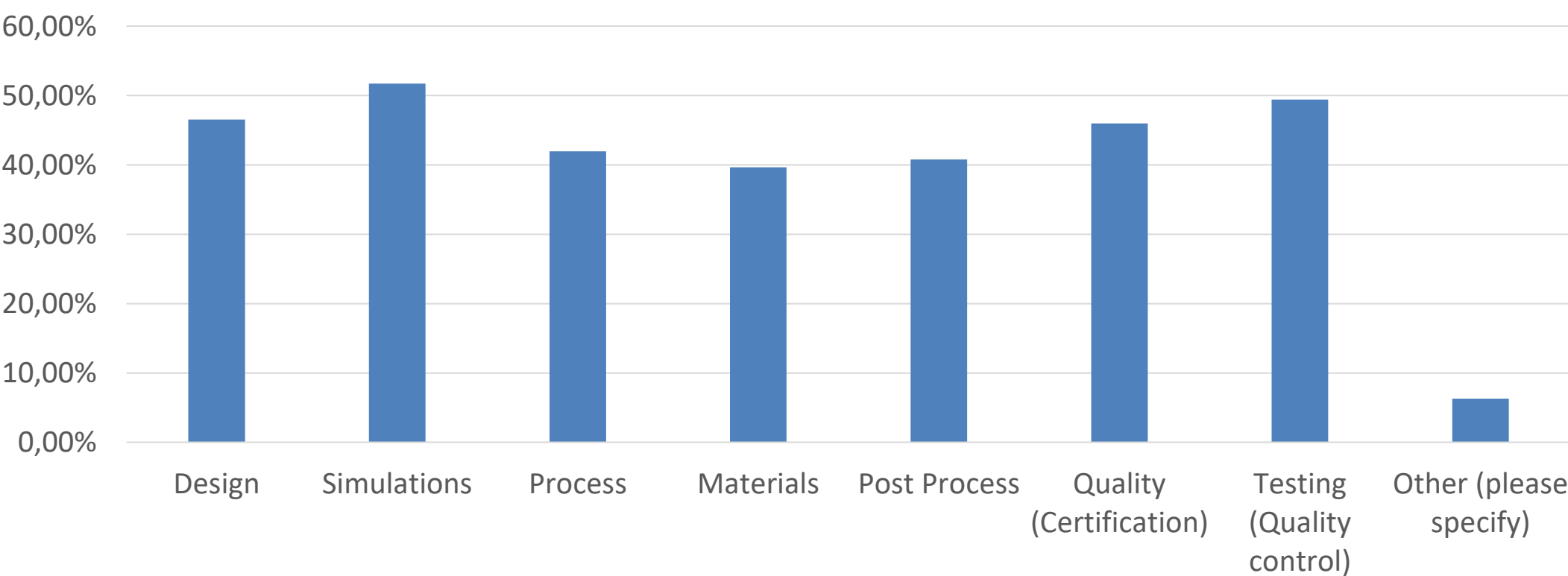
Answer Choices	Responses	
Metal	81,76%	130
Plastic	60,38%	96
Ceramics	17,61%	28
Composites	28,93%	46
Biomaterials	13,21%	21
Other (please specify)	4,40%	7
Answered		159
Skipped		90



For your activity, indicate which relevant technological skills on AM are lacking (still needed)?

Answer Choices	Responses	
Design	46,55%	81
Simulations	51,72%	90
Process	41,95%	73
Materials	39,66%	69
Post Process	40,80%	71
Quality (Certification)	45,98%	80
Testing (Quality control)	49,43%	86
Other (please specify)	6,32%	11
Answered		174
Skipped		75

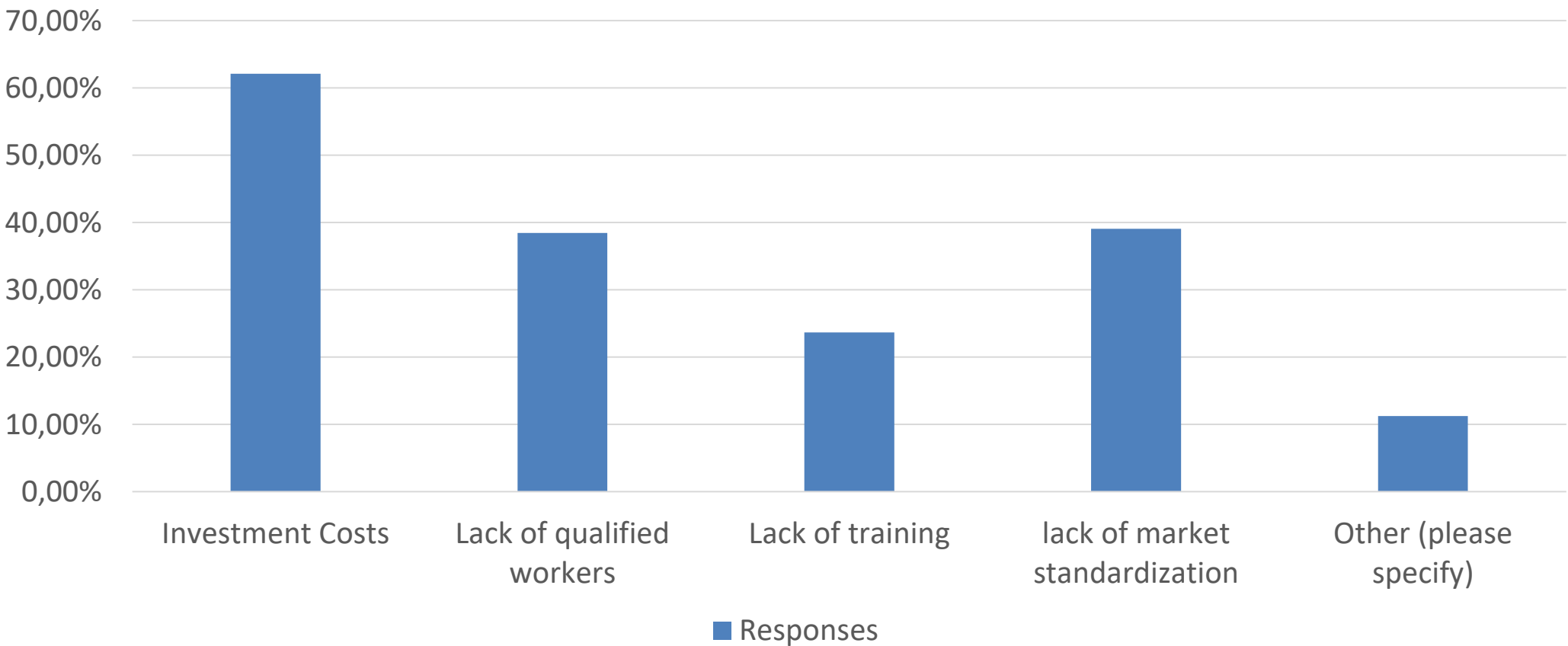
For your activity, indicate which relevant technological skills on AM are lacking (still needed)?



What is the biggest challenge to implement AM technologies in your company?

Answer Choices	Responses	
Investment Costs	62,13%	105
Lack of qualified workers	38,46%	65
Lack of training	23,67%	40
Lack of market standardization	39,05%	66
Other (please specify)	11,24%	19
Answered		169
Skipped		80

What is the biggest challenge to implement AM technologies in your company?



Are there government/public funding opportunities in the field of AM in your country?

Answer Choices		Responses	
Yes		74,01%	131
No		25,99%	46
		Answered	177
		Skipped	72

Have you used any of these government/public funding before?

Answer Choices		Responses	
Yes		60,16%	74
No		39,84%	49
		Answered	123
		Skipped	126

Have you used any of these government/public funding before?

Answer Choices		Responses	
Yes		60,16%	74
No		39,84%	49
		Answered	123
		Skipped	126

What type of collaboration did you make?

Answer Choices	Responses	
Consultancy	49,66%	72
Training	42,07%	61
Projects	77,93%	113
Recruitment	11,72%	17
Other (please specify)	8,97%	13
Answered		145
Skipped		104



Do you have AM R&D department in your company?

Answer Choices	Responses	
Yes	61,31%	103
No	38,69%	65
Answered		168
Skipped		81

How do you finance this activity?

Answer Choices	Responses	
Internally	58,59%	58
Funded by the Government	22,22%	22
Other (please specify)	19,19%	19
Answered		99
Skipped		140

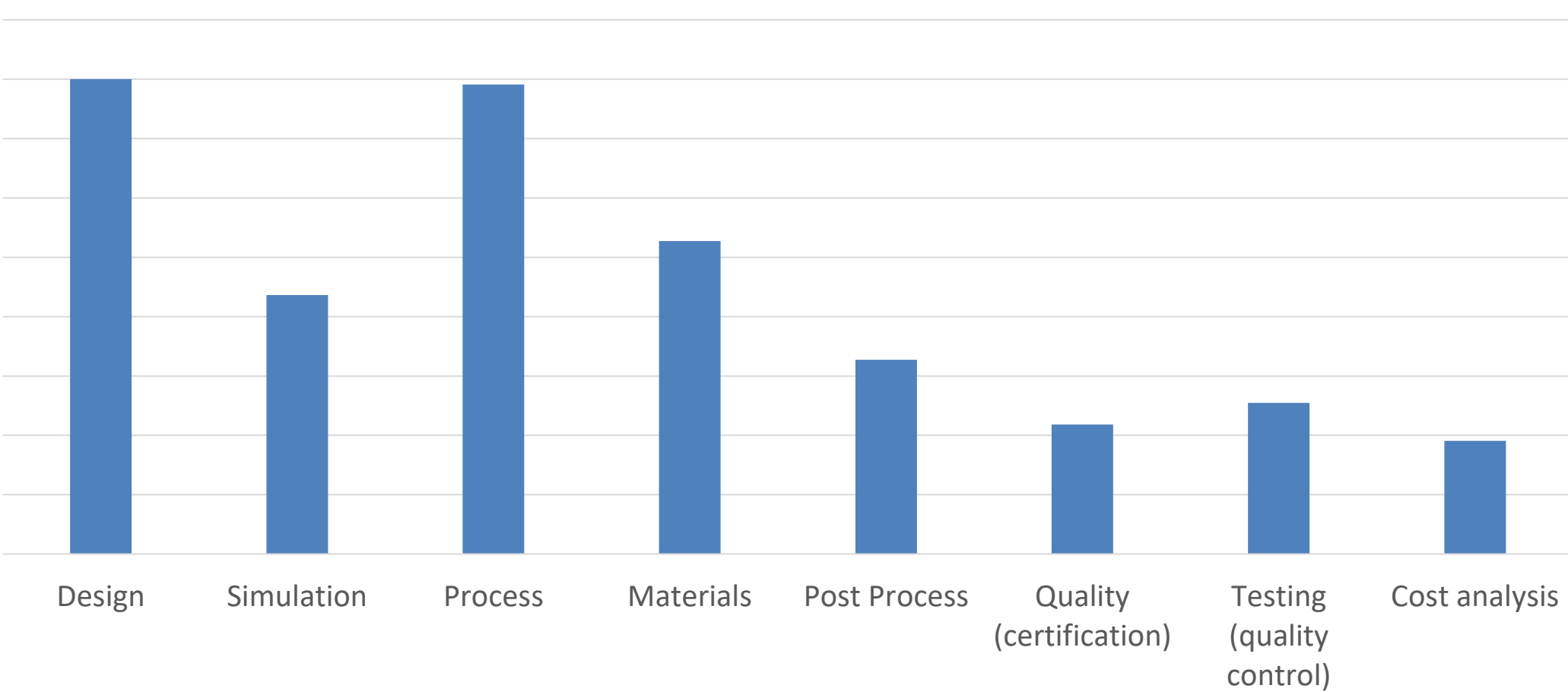
Is there any training program at any level in AM in your country

Answer Choices	Responses	
Yes	67,48%	110
No	32,52%	53
Answered		163
Skipped		86

What type of training programs are available?

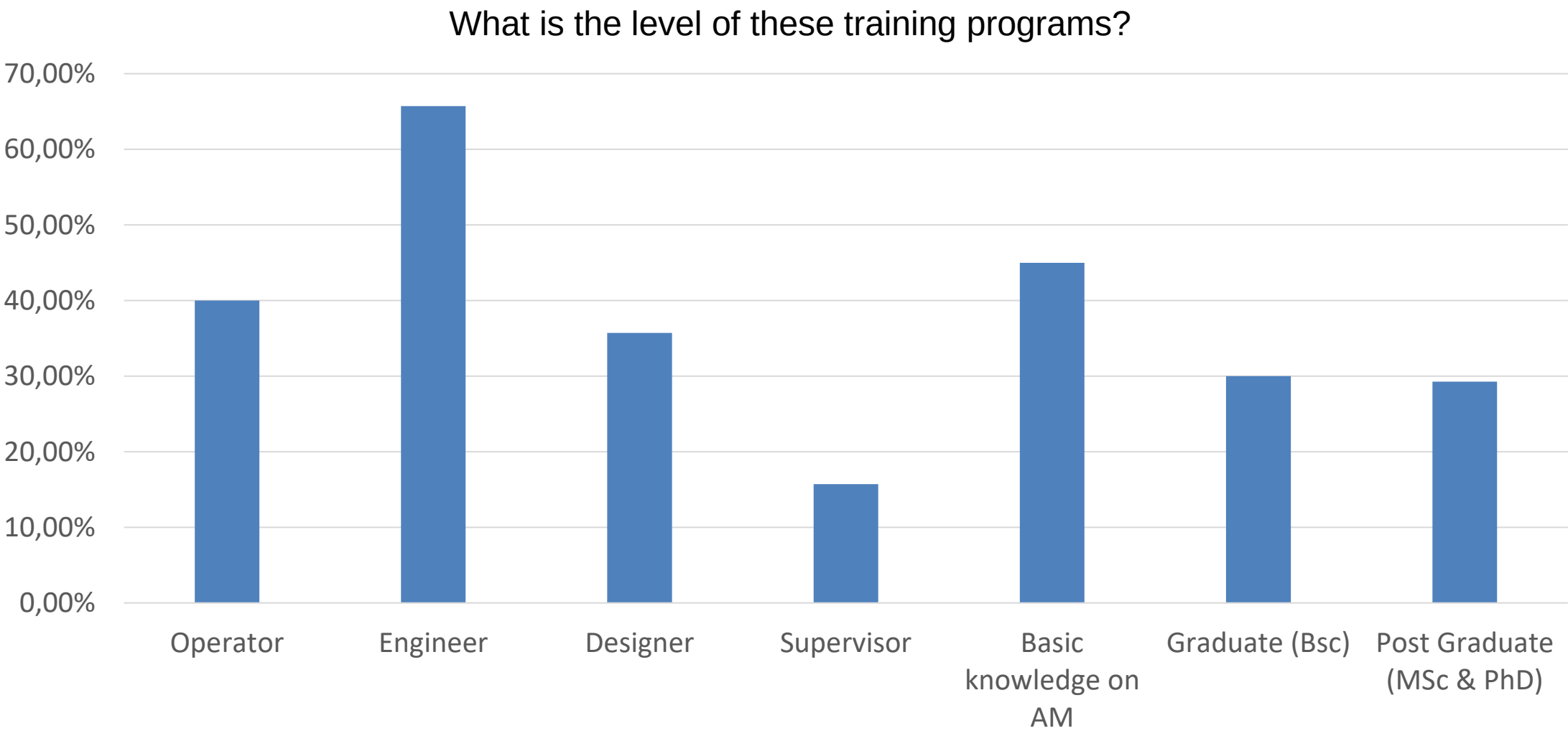
Answer Choices	Responses	
Design	80,00%	88
Simulation	43,64%	48
Process	79,09%	87
Materials	52,73%	58
Post Process	32,73%	36
Quality (certification)	21,82%	24
Testing (quality control)	25,45%	28
Cost analysis	19,09%	21
Answered		110
Skipped		139

What type of training programs are available?



What is the level of these training programs?

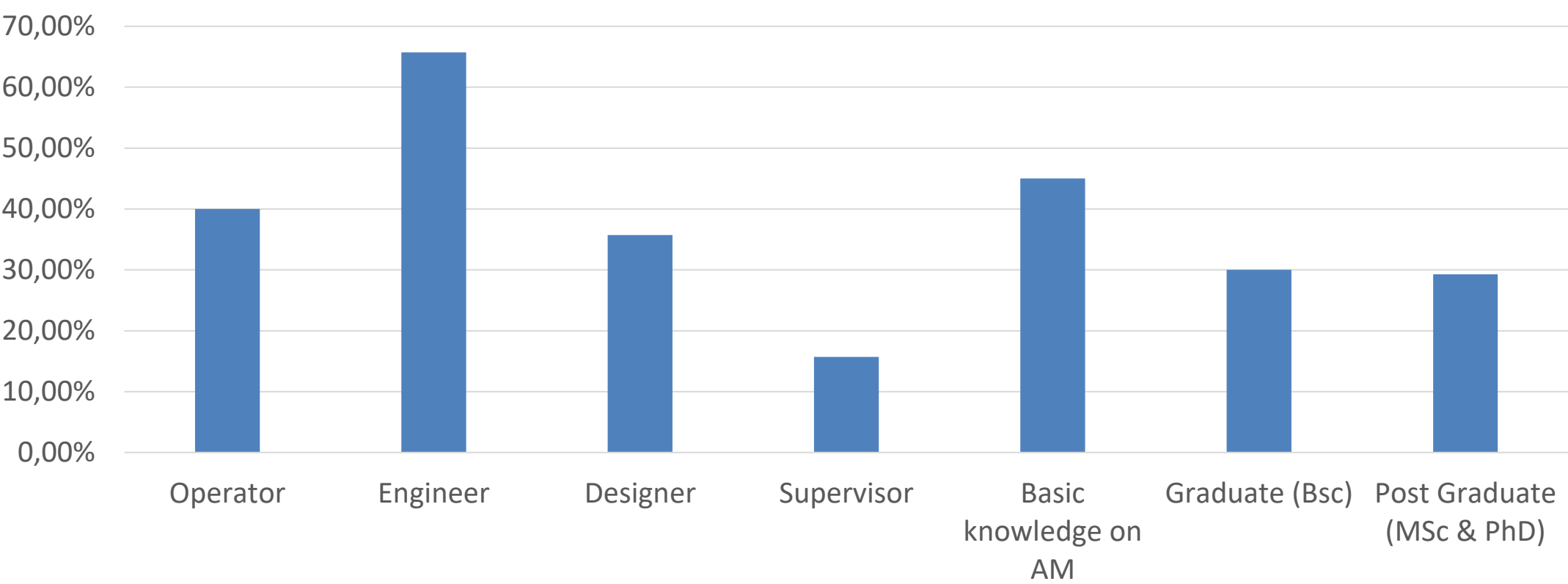
Answer Choices	Responses	
Operator	40,00%	56
Engineer	65,71%	92
Designer	35,71%	50
Supervisor	15,71%	22
Basic knowledge on AM	45,00%	63
Graduate (Bsc)	30,00%	42
Post Graduate (MSc & PhD)	29,29%	41
Answered		140
Skipped		109



What is the level of these training programs?

Answer Choices	Responses	
Operator	40,00%	56
Engineer	65,71%	92
Designer	35,71%	50
Supervisor	15,71%	22
Basic knowledge on AM	45,00%	63
Graduate (Bsc)	30,00%	42
Post Graduate (MSc & PhD)	29,29%	41
Answered		140
Skipped		109

What is the level of these training programs?



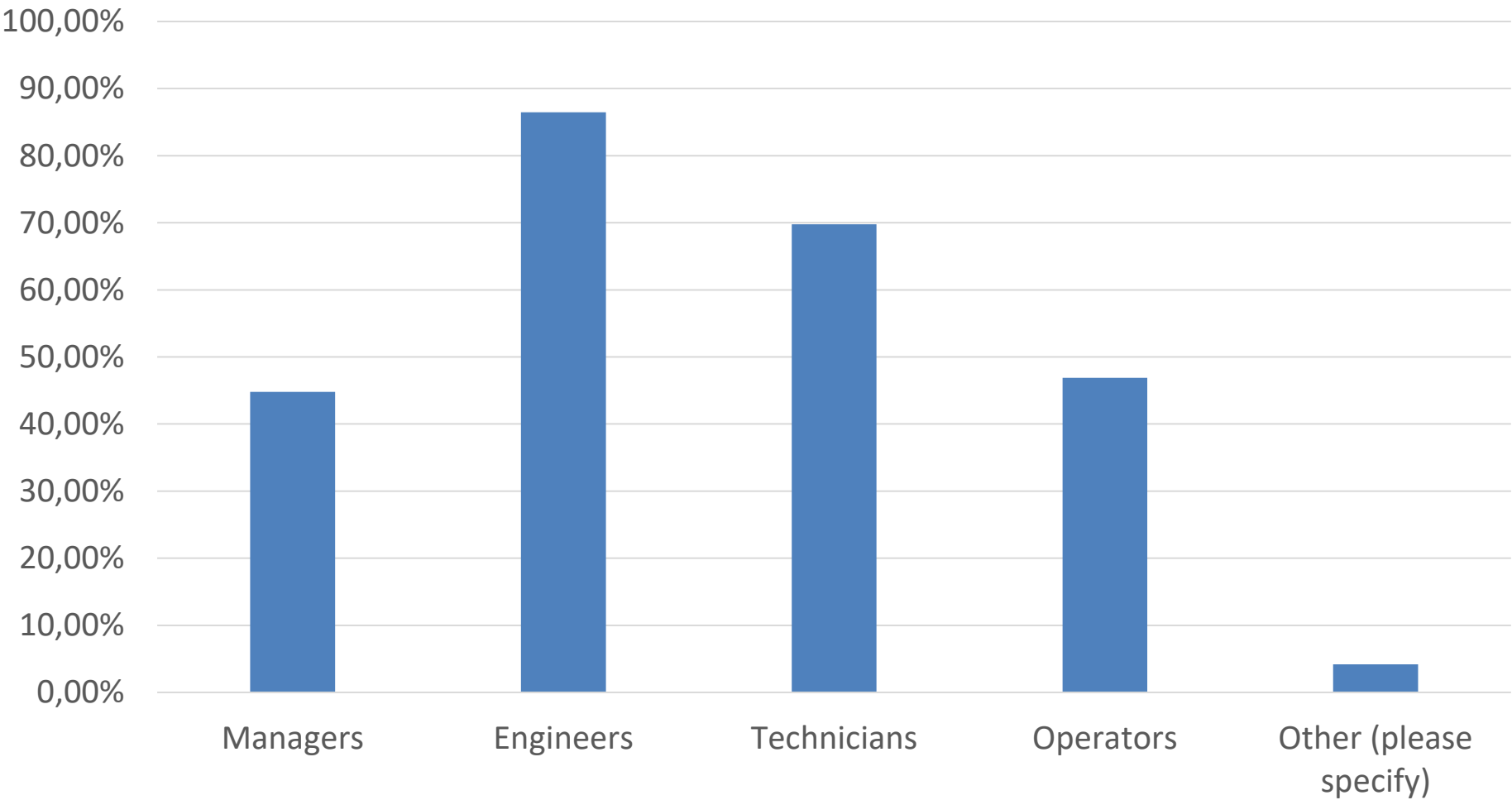
Does your company/institution have qualified AM technical persons?

Answer Choices		Responses	
Yes		60,38%	96
No		39,62%	63
Answered			159
Skipped			90

What type of technical persons do you have for AM?

Answer Choices		Responses	
Managers		44,79%	43
Engineers		86,46%	83
Technicians		69,79%	67
Operators		46,88%	45
Other (please specify)		4,17%	4
Answered			96
Skipped			153

What type of technical persons do you have for AM?



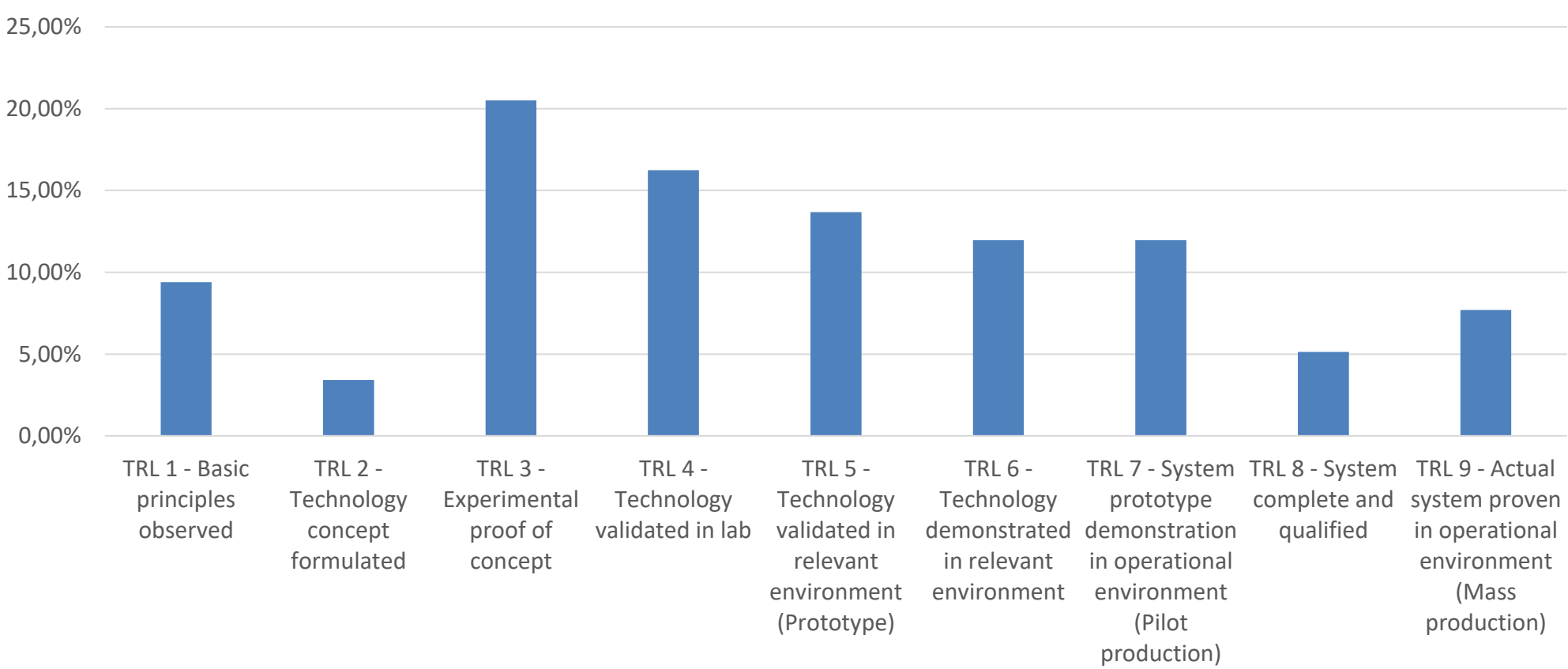
Has your organization been involved/is currently involved in a research project on AM?

Answer Choices	Responses	
Yes	76,82%	116
No	23,18%	35
Answered		151
Skipped		98

If your answer is "yes" to the previous question, at which TRL (Technology Readiness Level) can this project be placed?

Answer Choices	Responses	
TRL 1 - Basic principles observed	9,40%	11
TRL 2 - Technology concept formulated	3,42%	4
TRL 3 - Experimental proof of concept	20,51%	24
TRL 4 - Technology validated in lab	16,24%	19
TRL 5 - Technology validated in relevant environment (Prototype)	13,68%	16
TRL 6 - Technology demonstrated in relevant environment	11,97%	14
TRL 7 - System prototype demonstration in operational environment (Pilot production)	11,97%	14
TRL 8 - System complete and qualified	5,13%	6
TRL 9 - Actual system proven in operational environment (Mass production)	7,69%	9
Answered		117
Skipped		114

If your answer is "yes" to the previous question, at which TRL (Technology Readiness Level) can this project be placed?



What is the AM investment budget percentage of your company/institution from its total annual turnover?

Answer Choices	Responses	
Less than 0.1%	29,58%	42
Between 0.1% and 1%	28,87%	41
Between 1% and 5%	13,38%	19
More than 5%	28,17%	40
Answered		142
Skipped		107



Thank You

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