

Survey of

Entrepreneurship

in Higher Education in Europe

Appendix A

Table Report

This survey was requested by the European Commission, Directorate-General for Enterprise and Industry.

The document does not represent the point of view of the European Commission. The interpretations and opinions contained in it are solely those of the authors.



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in Higher Education in Europe

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Appendix A

Table Report

Reading instructions

This appendix contains all the underlying data, tables and cross tabulations stemming from the “Survey on Entrepreneurship in Higher Education in Europe”.

The appendix has two sections:

The first section presents the tables explaining and outlining the methodology of the survey. Among other things these tables show the countries that are included in the survey, the number of institutions and their regional distribution.

The second section covers all the tables and cross tabulations concerning the questionnaire – both the general questionnaire (questions 1-8) and the specific survey (questions 9-77).

In these tables the data is broken down by a) type, b) the country’s attachment to the European Union, as an indication of developmental differences in the educational sector, c) years of experience with entrepreneurial education, and d) whether the institution has a technical orientation, or not.

The tables and the cross tabulations have been the backbone of the analyses in Chapters 6-11 in the report on Entrepreneurship in Higher Education in Europe and have made it possible for the consortium to analyse the variations within the different factors such as type and experience.

The first factor, *type*, covers four categories: 1) multidisciplinary Higher Education Institution (HEI) without business school, 2) multidisciplinary HEI including business school, 3) specialised HEI and 4) independent business school.

Attachment to the EU is divided into two categories: 1) EU15 and 2) EU>15. The countries in the survey that are not EU member countries have been included in the EU15 group.

Experience with entrepreneurship education covers four categories: 1) less than 4 years of experience, 2) between 4 and 8 years of experience, 3) between 8 and 12 years of experience and 4) more than 12 years of experience.

Finally, *technical* orientation covers three categories: 1) technical as part of multidisciplinary HEI, 2) specialised technical institutions and 3) non-technical institutions.

The figures in the tables can be expressed in absolute as well as in relative numbers; the latter is shown by percentage. In some tables the dependent factor is measured in averages which express the average score for the group of institutions, for example EU15. The letter, *n* indicates the number of respondents having answered the question.

Section 1
Tables concerning
the methodology

Table 1: Population and sample distribution across countries

Country	Population (gross population /net population*)	Gross sample		Net sample		Detailed questionnaire	
		Number of responses	Response rate**	Number of responses***	Response rate**	No. of respondents	Response rate**
Austria	101/87	30	34.5%	18	20.7%	7	8.0%
Belgium	109/101	26	25.7%	19	18.8%	9	8.9%
Bulgaria	51/47	11	23.4%	4	8.5%	1	2.1%
Cyprus	41/40	13	32.5%	5	12.5%	0	0.0%
Czech Republic	71/68	23	33.8%	16	23.5%	4	5.9%
Denmark	61/53	30	56.6%	22	41.5%	8	15.1%
Estonia	13/13	4	30.8%	3	23.1%	2	15.4%
Finland	82/80	33	41.3%	21	26.3%	10	12.5%
France	316/292	81	27.7%	58	19.9%	25	8.6%
Germany	441/427	84	19.7%	51	11.9%	30	7.0%
Greece	38/34	13	38.2%	8	23.5%	3	8.8%
Hungary	72/69	19	27.5%	13	18.8%	9	13.0%
Iceland	11/11	5	45.5%	4	36.4%	3	27.3%
Ireland	26/26	13	50.0%	12	46.2%	7	26.9%
Italy	180/172	16	9.3%	11	6.4%	4	2.3%
Latvia	61/55	15	27.3%	10	18.2%	4	7.3%
Liechtenstein	3/3	2	66.7%	2	66.7%	1	33.3%
Lithuania	45/41	16	39.0%	12	29.3%	5	12.2%
Luxembourg	3/3	1	33.3%	2	66.7%	1	33.3%
Malta	3/3	1	33.3%	1	33.3%	0	0.0%
Netherlands	83/77	14	18.2%	11	14.3%	5	6.5%
Norway	63/60	27	45.0%	20	33.3%	8	13.3%
Poland	417/393	55	14.0%	25	6.4%	3	0.8%
Portugal	112/105	19	18.1%	13	12.4%	6	5.7%
Romania	62/58	15	25.9%	13	22.4%	6	10.3%
Slovakia	31/27	1	3.7%	1	3.7%	1	3.7%
Slovenia	19/17	4	23.5%	2	11.8%	2	11.8%
Spain	97/87	26	29.9%	17	19.5%	5	5.7%
Sweden	41/35	8	22.9%	4	11.4%	3	8.6%
Turkey	94/90	4	4.4%	4	4.4%	1	1.1%
United Kingdom	152/135	55	40.7%	46	34.1%	26	19.3%
Total	2709	664	24.5%	448	16.5%	198	7.3%

Notes:

* 190 institutions have been excluded due to that the e-mail invitation of the survey was returned and no alternative e-mail could be found.

** Response rate calculated in relation to net population, since these had the opportunity to answer.

***This covers responses fully completed and partly completed, but not answers insufficiently completed

Table 1A: Responses distributed by country and involvement in entrepreneurship education

Country	Number of respondents	Response rate	Institutions without entrepreneurship		Institutions with entrepreneurship education but below the threshold		Institutions with entrepreneurship education above the threshold	
			Frequency	Percentage	Frequency	Percentage	Frequency	Percentage
Austria	18	18%	6	33%	6	33%	6	33%
Belgium	19	17%	5	26%	4	21%	8	42%
Bulgaria	4	8%	0	0%	3	75%	0	0%
Cyprus	5	12%	1	20%	3	60%	1	20%
Czech Republic	14	20%	5	36%	3	21%	6	43%
Denmark	22	36%	5	23%	10	45%	7	32%
Estonia	3	23%	0	0%	1	33%	2	67%
Finland	19	23%	1	5%	7	37%	13	68%
France	55	17%	1	2%	28	51%	27	49%
Germany	49	17%	8	16%	11	22%	29	59%
Greece	6	16%	0	0%	5	83%	1	17%
Hungary	12	17%	2	17%	3	25%	7	58%
Iceland	4	36%	0	0%	1	25%	3	75%
Ireland	12	46%	0	0%	3	25%	8	67%
Italy	11	7%	3	27%	3	27%	4	36%
Latvia	10	16%	1	10%	4	40%	5	50%
Liechtenstein	2	67%	1	50%	0	0%	1	50%
Lithuania	11	24%	3	27%	5	45%	3	27%
Luxembourg	2	50%	0	0%	0	0%	2	100%
Malta	1	33%	0	0%	1	100%	0	0%
Netherlands	11	13%	0	0%	5	45%	6	55%
Norway	20	32%	3	15%	8	40%	9	45%
Poland	24	6%	7	29%	13	54%	4	17%
Portugal	12	11%	1	8%	4	33%	7	58%
Romania	13	21%	0	0%	8	62%	5	38%
Slovakia	1	3%	0	0%	1	100%	0	0%
Slovenia	1	5%	0	0%	0	0%	1	100%
Spain	16	16%	0	0%	12	75%	4	25%
Sweden	4	10%	1	25%	0	0%	3	75%
Turkey	4	4%	1	25%	2	50%	1	25%
United Kingdom	46	30%	1	2%	13	28%	32	70%

Table 2: Follow-up-procedure

	Data the 5th of may 2008 (before follow-up-procedure)				Data after the 4th of July 2008 (after follow-up-procedure)			
	Number of respondents in total	number of respondents in detailed survey	Pct. of respondents are in the detailed	Institutions invited	Number of respondents	Number of respondents in detailed survey	Pct. of respondents are in the detailed	Institutions invited
Countries with random follow-up-procedure	127	57	45%	1211	183	86	47%	1371
Countries with qualified follow-up-procedure	195	64	33%	1371	230	86	37%	1376
Total	322	121	38%	2582	413	172	42%	2747

Please note, that institutions from UK has been excluded from this analysis due to the late launch of the survey in UK. The countries, where a qualified follow-up-procedure has been used is; Poland, Spain, France, Estonia, Sweden, Cyprus, Ireland, Finland, Norway, Belgium, Czech Republic, Greece and Romania

Table 3: Geographical representation

Country	Population		Net sample	
	Population	Pct. of entire population	Number of responses	Pct. of all responses
Northern Europe				
Denmark	53	2.0%	23	5.0%
Finland	80	3.0%	24	5.2%
Norway	60	2.2%	20	4.4%
Sweden	35	1.3%	4	0.9%
Total	228	8.4%	71	15.5%
Central Europe				
Austria	87	3.2%	19	4.1%
Belgium	101	3.7%	20	4.4%
Germany	427	15.8%	51	11.1%
Ireland	26	1.0%	12	2.6%
Liechtenstein	3	0.1%	2	0.4%
Luxembourg	3	0.1%	2	0.4%
Malta	3	0.1%	1	0.2%
Netherlands	77	2.8%	11	2.4%
United Kingdom	135	5.0%	46	10.0%
Total	862	31.8%	164	35.7%
Southern Europe				
Cyprus	40	1.5%	7	1.5%
France	292	10.8%	58	12.6%
Greece	34	1.3%	8	1.7%
Iceland	11	0.4%	4	0.9%
Italy	172	6.3%	11	2.4%
Portugal	105	3.9%	13	2.8%
Spain	87	3.2%	18	3.9%
Turkey	90	3.3%	4	0.9%
Total	831	30.7%	123	26.8%
Eastern Europe				
Bulgaria	47	1.7%	4	0.9%
Czech Republic	68	2.5%	17	3.7%
Estonia	13	0.5%	3	0.7%
Hungary	69	2.5%	13	2.8%
Latvia	55	2.0%	10	2.2%
Lithuania	41	1.5%	12	2.6%
Poland	393	14.5%	26	5.7%
Romania	58	2.1%	13	2.8%
Slovakia	27	1.0%	1	0.2%
Slovenia	17	0.6%	2	0.4%
Total	788	29.1%	101	22.0%
Total sample	2709	100.0%	459	100.0%

A measurement of the relationship between regions and response rate has had the following result: Cramer's V: 0,132 (p=0,000)

Table 4: Question 7 and 8 weighted and non-weighted in relation to regional representation

Questions/answers	Non-weighted		Weighted	
	Frequency	Pct.	Frequency	Pct.
<i>Question 7: Does your institution offer any in-curricular or extracurricular activities focusing on the development of entrepreneurial behaviour, skills, knowledge, mindsets and experiences?</i>				
Yes, my institution does have in curricular or extracurricular activities focusing on the development of entrepreneurial behaviour, skills, knowledge, mindsets and experiences.	373	86.9%	380.3	86.5%
No, my institution doesn't have any in curricular or extracurricular activities focusing on the development of entrepreneurial behaviour, skills, knowledge, mindsets and experiences.	56	13.1%	59.5	13.5%
Total	429	100.0%	439.8	100.0%
<i>Question 8: Does your institution ONLY offer courses where entrepreneurship accounts for less than 25 percent of the course curriculum?</i>				
Yes, the ONLY entrepreneurship teaching my institution has is courses where the subject of entrepreneurship is embedded and account for less than 25 percent of the course curriculum.	167	45.0%	168.7	44.8%
No, my institution has dedicated entrepreneurship courses and/or courses where the subject of entrepreneurship is embedded and account for less than 25 percent of the course curriculum.	204	55.0%	208.0	55.2%
Total	371	100.0%	376.6	100.0%

Table 5: Native versus non-native English, German or French speakers

Region	Population		Sample		Response rate	
	Native speakers	None-native speakers	Native speakers	None-native speakers	Native speakers	None-native speakers
Northern Europe	0	176	0	71	-	40.3%
Central Europe	685	72	153	11	22.3%	15.3%
Southern Europe	258	508	58	65	22.5%	12.8%
Eastern Europe	0	741	0	101	-	13.6%
Total sample	943	1497	211	248	22.4%	16.6%

A measurement of the relationship between non-native vs. native speakers and response rate has had the following result: Phi: 0,055 (p=0,003). However, the same measurement, where Eastern Europe has been excluded results in the following: Phi: 0,026 (p=0,234).

Table 6: Type of institutions in Denmark and Bulgaria

Type of institution	Denmark			Bulgaria		
	Responses	Population	Response rate %	Responses	Population	Response rate %
Multidisciplinary HEI without a Business School department	8	17	47.1%	0	14	0.0%
Multidisciplinary HEI including a Business School department	4	6	66.7%	2	8	25.0%
Specialised HEI	11	27	40.7%	2	20	10.0%
Independent Business School	0	3	0.0%	0	5	0.0%
Total sample	23	53	43.4%	4	47	8.5%
Measurement of relationship	Cramer's V: 0,268 (p=0,285) Unsecurity: 4 cells (50.0%) have expected count less than 5. The minimum expected count is 1.30.			Cramer's V: 0,313 (p=0,202) Unsecurity: a. 5 cells (62.5%) have expected count less than 5. The minimum expected count is 0.43.		

Section 2
Tables concerning
the questionnaire

QUESTION 1: What is the highest study level at your institution?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI with-out business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU 15	EU >15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Levels below Bachelor degree ¹	2%	-	-	-	-	-	-			-	-	-	-	-
Undergraduate/Bachelor (including Professionally oriented Bachelor)	14%	17%	12%	18%	10%	11%	25%	20%	5,9%	10%	8%	12%	27%	16%
Graduate/Master	26%	24%	26%	31%	24%	28%	21%	25%	31%	27%	18%	24%	18%	30%
Postgraduate/Ph.D./doctorate	58%	60%	62%	51%	67%	61%	55%	55%	63%	63%	74%	64%	55%	54%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	446	102	209	88	21	333	102	20	51	79	61	226	22	172

¹ The respondents answering that levels below bachelor degree are there highest level of education, are – due to the scope of the survey – excluded from the rest of the survey.

QUESTION 2: How many academic staff were employed at your entire institution in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Academic staff - average	552	489	809	127	140	597	395	393	666	702	718	785	334	283
N	407	96	200	82	22	316	91	18	52	72	59	215	20	165
<i>Note: Outliers have been excluded</i>														

QUESTION 3: How many students [Undergraduates/graduates/postgraduates] were enrolled at your entire institution in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Number of undergraduate students - Average	5837	5,591	13,348	1,105	2,722	6,009	17,194	6,129	7,807	7,369	22,604	12,776	3,537	3,610
Number of graduate students - Average	2400	2,585	3,519	692	1,418	2,752	2,073	2,130	3,081	3,880	2,634	3,516	1,014	1,584
Number of postgraduate students - Average	740	696	1,065	287	247	832	601	455	1,093	1,124	883	1,084	437	412
<i>N</i>	361	85	188	70	22	279	87	17	48	68	52	199	15	144
<i>Note: Outliers have been excluded</i>														

QUESTION 4: Please indicate which type of Higher Education Institution (HEI) you represent.

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidisc. HEI without business school	Multidisc. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Multidisciplinary HEI without a Business School department	24%	-	-	-	-	24%	26%	20%	20%	20%	13%	27%	6%	23%
Multidisciplinary HEI including a Business School department	50%	-	-	-	-	50%	50%	60%	69%	64%	64%	73%	5%	25%
Specialised HEI	21%	-	-	-	-	22%	17%	20%	10%	12%	7%	-	91%	40%
Independent Business School	5%	-	-	-	-	5%	7%	-	2%	5%	16%	-	-	13%
Total	100%	-	-	-	-	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	420	-	-	-	-	328	98	20	51	77	61	229	21	175

QUESTION 5: Multidisciplinary: Please indicate which subjects that are available at your institution

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Pedagogy/education	59%	52%	64%	-	-	58%	61%	50%	65%	60%	71%	60%	0%	60%
The humanities and theology	53%	45%	56%	-	-	56%	41%	38%	57%	57%	65%	53%	33%	51%
The arts	45%	41%	47%	-	-	46%	41%	31%	46%	48%	48%	47%	0%	41%
Natural science	53%	41%	59%	-	-	57%	40%	44%	63%	62%	65%	61%	67%	33%
Social science (except business studies)	73%	64%	77%	-	-	75%	65%	81%	76%	79%	81%	74%	0%	71%
Business studies	77%	36%	98%	-	-	78%	75%	88%	91%	86%	85%	84%	100%	58%
Technical	74%	62%	81%	-	-	77%	64%	75%	74%	82%	81%	100%	100%	0%
Food industry and home economics	28%	18%	32%	-	-	31%	17%	13%	37%	35%	35%	35%	67%	7%
Agriculture	21%	16%	22%	-	-	22%	17%	19%	20%	22%	25%	25%	67%	9%
Health care	51%	38%	57%	-	-	57%	31%	44%	59%	57%	69%	56%	33%	38%
Public security / defence	13%	16%	11%	-	-	13%	12%	-	11%	9%	21%	13%	33%	11%
Other	8%	9%	7%	-	-	9%	3%	6%	13%	6%	10%	7,4%	0%	8,2%
N	320	104	211	-	-	245	75	16	46	65	48	229	3	85

QUESTION 6: Specialised institutions: Please indicate your institution's type of specialisation.

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Pedagogy/education	6%	-	-	6%	-	5%	10%	-	-	-	-	-	-	8%
The humanities and theology	6%	-	-	6%	-	4%	14%	-	-	-	-	-	-	8%
The arts	21%	-	-	23%	-	22%	19%	-	-	23%	-	-	-	29%
Natural science	1%	-	-	-	-	1%	-	-	-	-	-	-	-	-
Social science (except business studies)	5%	-	-	5%	-	4%	10%	-	-	-	-	-	-	5%
Business studies	13%	-	-	11%	100%	11%	19%	-	33%	31%	20%	-	-	16%
Technical	26%	-	-	27%	-	30%	14%	50%	17%	31%	40%	-	100%	7%
Food industry and home economics	1%	-	-	1%	-	1%	-	-	-	-	-	-	-	1%
Agriculture	4%	-	-	5%	-	4%	5%	25%	33%	0%	20%	-	-	5%
Health care	10%	-	-	9%	-	10%	10%	-	-	-	-	-	-	11%
Public security / defence	1%	-	-	1%	-	1%	-	-	-	-	-	-	-	1%
Other	7%	-	-	7%	-	9%	-	25%	17%	15%	-	-	-	8%
Total	100%	-	-	100%	100%	100%	100%	100%	100%	100%	100%	-	100%	100%
<i>N</i>	103	-	-	88	1	82	21	4	6	13	5	-	22	75

QUESTION 7: Does your institution offer any in-curricular or extracurricular activities focusing on the development of entrepreneurial behaviour, skills, knowledge, mindsets and experiences?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, my institution does have in-curricular or extracurricular activities focusing on the development of entrepreneurial behavior, skills, knowledge, mindsets and experiences	87%	73%	97%	78%	95%	89%	80%	100%	100%	100%	100%	94%	96%	77%
No, my institution doesn't have any in-curricular or extracurricular activities focusing on the development of entrepreneurial behavior, skills, knowledge, mindsets and experiences	13%	27%	3%	22%	5%	11%	20%	-	-	-	-	6%	4%	23%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	431	103	209	88	21	334	97	21	52	78	61	226	22	173

QUESTION 8: Does your institution ONLY offer courses where entrepreneurship accounts for less than 25 percent of the course curriculum?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, the ONLY entrepreneurship teaching my institution has is courses where the subject of entrepreneurship is embedded and account for less than 25 pct. of the course curriculum.	45%	55%	34%	69%	21%	41%	56%	-	-	-	-	38%	67%	51%
No, my institution has dedicated entrepreneurship courses and/or courses where the subject of entrepreneurship accounts for more than 25 pct. of the course curriculum.	55%	45%	66%	31%	79%	59%	44%	100%	100%	100%	100%	62%	33%	49%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	372	75	192	70	19	284	77	18	47	76	60	208	21	132

Entrepreneurial HEIs – institutions answering "No, my institution has dedicated entrepreneurship courses and/or courses where the subject of entrepreneurship accounts for more than 25 percent of the course curriculum".		Frequency	Pct.
Type of institution	Multidisciplinary without a business school	34	17%
	Multidisciplinary HEI including a business school	129	65%
	Specialised HEI	22	11%
	Independent business School	15	8%
	Total	200	100%
EU15 or EU>15	EU15	171	83%
	EU>15	34	17%
	Total	205	100%
Years of experience with entrepreneurship education	Less than 4 years of experience	18	9%
	Between 4 and less than 8 years of experience	47	23%
	Between 8 and 12 years of experience	77	38%
	More than 12 years of experience	60	29%
	Total	202	100%
Technical institution or not	Technical as part of multidisciplinary HEI	128	64%
	Specialised technical institutions	7	4%
	Non-technical institutions	65	33%
	Total	205	100%

QUESTION 9: Approximately, for how many years (including the present academic year) has your institution offered entrepreneurship education?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Less than 4 years of experience	10%	11%	9%	18%	0%	8%	19%	-	-	-	-	9%	22%	9%
Between 4 and less than 8 years of experience	25%	27%	26%	23%	7%	26%	19%	-	-	-	-	25%	11%	24%
Between 8 and 12 years of experience	37%	41%	36%	41%	27%	39%	27%	-	-	-	-	37%	44%	35%
More than 12 years of experience	28%	22%	29%	18%	67%	27%	35%	-	-	-	-	28%	22%	32%
Total	100%	100%	100%	100%	100%	100%	100%	-	-	-	-	100%	100%	100%
<i>N</i>	215	37	135	22	15	178	37	-	-	-	-	134	9	66

TEACHING & LEARNING

QUESTION 10: Does your institution have undergraduate (bachelor) students?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	91%	89%	97%	65%	80%	89%	100%	85%	96%	90%	91%	95%	63%	86%
No	9%	11%	3%	35%	20%	11%	0%	3%	2%	10%	9%	5%	38%	14%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	212	36	130	23	15	175	37	20	51	77	58	130	8	66

QUESTION 11: Approximately how many in-curricula entrepreneurship courses did your entire institution offer to undergraduate students in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
0 course	6%	16%	3%	7%	18%	6%	6%	25%	4%	6%	4%	6%	33%	5%
1 courses	12%	16%	12%	13%	0%	14%	3%	25%	19%	6%	6%	11%	17%	13%
2 courses	6%	0%	5%	13%	18%	6%	6%	6%	4%	6%	6%	4%	0%	11%
3 courses	6%	10%	7%	0%	0%	7%	3%	6%	9%	6%	4%	7%	0%	5%
4 courses	5%	6%	5%	7%	0%	6%	0%	0%	9%	9%	0%	5%	17%	7%
5 courses	8%	3%	10%	7%	0%	8%	6%	0%	11%	10%	6%	7%	0%	11%
6 courses	4%	10%	3%	7%	0%	4%	3%	0%	2%	7%	4%	5%	0%	4%
7 courses	3%	0%	4%	0%	0%	3%	0%	0%	6%	1%	2%	4%	0%	0%
8 courses	3%	3%	3%	0%	9%	3%	6%	0%	4%	1%	6%	3%	0%	4%
9 courses	3%	0%	4%	0%	0%	3%	3%	0%	2%	3%	4%	4%	0%	0%
10 courses	8%	0%	9%	7%	18%	8%	9%	13%	6%	7%	11%	8%	0%	9%
11 – 15 courses	10%	13%	8%	13%	18%	11%	3%	6%	13%	10%	9%	11%	0%	7%
16 – 20 courses	6%	6%	6%	0%	9%	4%	17%	0%	4%	4%	11%	7%	0%	4%
More than 20 courses	20%	16%	22%	27%	9%	16%	37%	19%	6%	23%	28%	19%	33%	21%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	194	31	130	15	11	159	35	16	47	69	53	126	6	56

QUESTION 12: Please estimate the number of UNDERGRADUATE students that in the previous academic year passed these in-curricula entrepreneurship courses mentioned in the previous question?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Average	732	255	780	383	2.111	514	1.670	492	723	665	880	683	528	923
N	159	24	109	10	9	129	30	10	40	58	49	105	4	44

QUESTION 13: Please estimate what percentage of these undergraduate students were male versus female.

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Pct. of students being male - average	53%	60%	53%	49%	47%	56%	44%	52%	53%	54%	54%	56%	68%	48%
N	156	24	104	11	9	126	31	11	37	57	48	101	4	44

QUESTION 14: Undergraduates: Entrepreneurship courses can have various contents. Here we distinguish between:

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Courses ABOUT entrepreneurship – average pct.	25%	27%	25%	28%	15%	24%	31%	17%	28%	27%	23%	24%	18%	27%
Courses FOR/IN entrepreneurship– average pct.	41%	44%	41%	40%	46%	42%	35%	37%	43%	42%	40%	43%	53%	38%
Courses both ABOUT and FOR/IN entrepreneurship– average pct.	33%	29%	34%	31%	39%	34%	33%	47%	29%	31%	37%	33%	30%	35%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	161	24	110	11	8	130	31	10	40	58	49	105	4	45

QUESTION 15: Does your institution have graduate (master) students?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	91%	94%	91%	79%	93%	94%	74%	71%	94%	90%	95%	93%	75%	86%
No	9%	6%	9%	21%	7%	6%	26%	29%	6%	10%	5%	7%	25%	14%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	200	33	124	19	14	165	35	17	47	72	57	96	8	59

QUESTION 16: Approximately how many in-curricula entrepreneurship courses did your entire institution offer to graduate students in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI with-out business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
0 courses	8%	3%	10%	12%	0%	8%	8%	23%	18%	4%	2%	6%	0%	15%
1 courses	8%	6%	10%	6%	0%	10%	0%	8%	9%	9%	6%	9%	0%	7%
2 courses	8%	13%	7%	6%	0%	8%	8%	8%	4%	12%	6%	10%	0%	7%
3 courses	7%	0%	9%	6%	15%	8%	4%	0%	9%	10%	4%	8%	0%	9%
4 courses	10%	22%	8%	0%	0%	11%	4%	23%	7%	15%	4%	11%	33%	5%
5 courses	13%	9%	12%	12%	15%	12%	19%	15%	7%	13%	13%	10%	0%	16%
6 courses	6%	6%	8%	6%	0%	7%	4%	8%	4%	9%	6%	7%	17%	4%
7 courses	2%	6%	1%	0%	0%	2%	0%	0%	4%	0%	2%	3%	0%	0%
8 courses	4%	0%	4%	0%	15%	4%	0%	0%	4%	4%	2%	4%	0%	4%
9 courses	3%	3%	2%	6%	8%	2%	4%	0%	0%	3%	4%	2%	0%	5%
10 courses	9%	9%	8%	12%	23%	9%	12%	0%	13%	4%	15%	8%	0%	13%
11 – 15 courses	7%	13%	4%	29%	0%	8%	4%	0%	7%	10%	8%	7%	33%	7%
16 – 20 courses	6%	6%	7%	0%	8%	4%	19%	0%	11%	4%	8%	8%	0%	2%
More than 20 courses	8%	3%	10%	6%	15%	7%	15%	15%	2%	1%	23%	8%	17%	11%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	190	32	118	17	13	164	26	13	45	68	53	119	6	55

QUESTION 17: Please estimate the number of GRADUATE students that in the previous academic year passed these in-curricula entrepreneurship courses mentioned in the previous question?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Average	372	615	259	268	960	325	632	332	397	187	600	379	287	418
N	157	28	94	13	12	133	133	10	35	58	49	98	6	43

QUESTION 18: Please estimate what percentage of these graduate students were male versus female – Male

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Pct. of students being male - average	55%	62%	56%	61%	50%	58%	44%	50%	57%	57%	56%	58%	81%	50%
N	157	27	92	13	13	132	23	10	35	56	49	95	6	44

QUESTION 19: Graduates: Entrepreneurship courses can have various contents. Here we distinguish between:

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Courses ABOUT entrepreneurship – average pct.	26%	25%	26%	29%	15%	26%	23%	19%	21%	27%	27%	25%	18%	25%
Courses FOR/IN entrepreneurship– average pct.	41%	44%	38%	50%	60%	42%	37%	39%	44%	44%	39%	40%	64%	44%
Courses both ABOUT and FOR/IN entrepreneurship– average pct.	32%	31%	35%	21%	25%	31%	38%	42%	33%	29%	34%	35%	18%	28%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	158	27	98	13	12	136	22	9	37	55	49	100	5	45

Postgraduate teaching & learning

QUESTION 20: Does your institution have postgraduate (Ph.D./doctorate) students?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	61%	68%	60%	55%	71%	62%	57%	53%	57%	58%	74%	67%	63%	51%
No	39%	32%	40%	45%	29%	38%	43%	47%	43%	42%	26%	33%	38%	49%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	197	31	122	20	14	162	35	17	47	71	54	118	8	61

QUESTION 21: Approximately, how many in-curricula entrepreneurship courses did your entire institution offer to postgraduate students in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
0 course	38%	41%	41%	18%	22%	39%	30%	70%	42%	38%	24%	40%	0%	35%
1 courses	18%	9%	21%	27%	11%	20%	5%	30%	23%	17%	14%	21%	20%	13%
2 courses	8	9%	6%	9%	22%	9%	5%	0%	4%	12%	8%	6%	20%	10%
3 courses	6%	5%	7%	9%	0%	6%	5%	0%	12%	2%	8%	4%	0%	10%
4 courses	7%	0%	8%	0%	11%	4%	20%	0%	8%	10%	5%	8%	20%	3%
5 courses	6%	9%	3%	9%	11%	5%	10%	0%	8%	5%	8%	5%	0%	6%
6 courses	6%	14%	6%	0%	0%	5%	10%	0%	0%	7%	8%	5%	0%	10%
7 courses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 courses	3%	5%	1%	0%	11%	2%	5%	0%	4%	2%	3%	3%	0%	3%
9 courses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 courses	2%	0%	1%	9%	0%	2%	0%	0%	0%	2%	3%	1%	20%	0%
11 – 15 courses	3%	5%	3%	18%	11%	4%	10%	0%	0%	5%	11%	3%	20%	10%
16 – 20 courses	1%	5%	0%	0%	0%	1%	0%	0%	0%	0%	3%	1%	0%	0%
More than 20 courses	2%	0%	3%	0%	0%	2%	0%	0%	0%	0%	5%	3%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	119	22	71	11	9	99	20	10	26	42	37	77	5	31

QUESTION 22: Please estimate the number of POSTGRADUATE students that in the previous academic year passed these in-curricula entrepreneurship courses mentioned in the previous question?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Average	91	56	100	47	163	89	96	26	231	38	79	49	82	177
N	67	11	37	9	7	53	14	3	13	24	25	39	5	20

QUESTION 23: Please estimate what percentage of these postgraduate students were male versus female.

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Pct. of students being male - average	57%	58%	57%	64%	44%	60%	47%	70%	49%	64%	54%	57%	74%	52%
N	67	11	37	9	7	53	14	3	14	24	24	39	5	20

QUESTION 24: Postgraduates: Entrepreneurship courses can have various contents. Here we distinguish between:

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Courses ABOUT entrepreneurship – average pct.	28%	14%	32%	30%	25%	29%	26%	13%	28%	26%	31%	28%	15%	30%
Courses FOR/IN entrepreneurship– average pct.	35%	31%	32%	37%	51%	33%	46%	80%	33%	31%	35%	30%	64%	35%
Courses both ABOUT and FOR/IN entrepreneurship– average pct.	35%	46%	36%	34%	24%	37%	28%	7%	33%	43%	33%	41%	21%	30%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	73	12	42	9	7	59	14	3	16	25	27	44	5	21

QUESTION 25: Is entrepreneurship primarily integrated across curriculum or taught only in specialized courses/modules at your institution (on average across all study levels)?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Primarily integrated in the existing curriculum	23%	32%	21%	25%	29%	23%	26%	18%	15%	30%	24%	21%	25%	30%
Primarily specialised courses	25%	29%	25%	30%	7%	28%	9%	47%	37%	23%	9%	25%	25%	25%
Mix of the above	52%	39%	54%	45%	64%	49%	65%	35%	48%	47%	67%	54%	50%	45%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	194	31	120	20	14	160	34	17	46	70	54	117	8	60

QUESTION 26: Entrepreneurship courses can have different focal points with respect to the entrepreneurial process. Here we distinguish between:

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Majority of courses focus on pre-startup phase	14%	16%	15%	5%	0%	15%	9%	25%	17%	12%	11%	11%	25%	17%
Majority of courses focus on start-up phase	20%	19%	18%	21%	38%	20%	16%	19%	15%	25%	17%	20%	25%	17%
Majority of courses focus on growth phase	3%	0%	3%	0%	0%	2%	9%	0%	2%	1%	2%	2%	0%	2%
Majority of courses do not focus on any of the phases	7%	10%	8%	5%	8%	8%	3%	28%	7%	7%	6%	7%	0%	10%
The courses are evenly distributed according to the phases	56%	55%	57%	68%	54%	55%	63%	38%	39%	54%	64%	60%	50%	53%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
N	189	31	116	19	13	157	32	16	46	67	53	113	8	58

QUESTION 27: Did your institution offer one or more degree programmes in entrepreneurship (irrespective of study level) in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	57%	45%	62%	37%	71%	52%	80%	41%	53%	49%	74%	59%	38%	56%
No	43%	55%	38%	63%	29%	48%	20%	59%	47%	51%	26%	41%	63%	44%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	202	33	126	19	14	167	35	17	45	72	54	122	8	62

QUESTION 28: At which study levels were the degree programme(s) available at your institution in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Bachelor level	50%	17%	56%	36%	60%	40%	81%	75%	48%	43%	59%	47%	67%	52%
Graduate/MBA level	63%	67%	64%	45%	90%	64%	58%	38%	58%	73%	77%	64%	33%	69%
PhD/DBA level	23%	22%	23%	9%	50%	19%	35%	25%	16%	14%	41%	26%	0%	21%
<i>N</i>	135	18	87	11	10	104	31	8	31	37	44	81	3	42

QUESTION 29: Please estimate the number of students at each study level enrolled in the degree program(mes) in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Undergraduate (Bachelor) – Average	2,220	562	2,296	745	4,616	1,307	3,487	624	3,802	1,820	2,150	2,414	968	2,375
Graduate (Master) – Average	721	87	828	65	1,372	470	1,461	2,090	1,159	544	525	809	40	636
Postgraduate (Ph.D/Doctorate) – Average	108	18	131	12	137	50	200	31	401	23	98	119	-	100
<i>N</i>	79	12	51	4	9	59	26	5	17	25	31	47	2	28

QUESTION 30: Please indicate which overall subjects at your institution did offer in-curricula entrepreneurship courses and/or entrepreneurship degree(s) (no matter study level) in the previous academic year.

	In-curricula entrepreneurship courses (pct. calculated in relation to number of institutions having that subject)	Entrepreneurship degrees (pct. calculated in relation to number of institutions having that subject)	Both in-curricula entrepreneurship courses and entrepreneurship degrees (pct. calculated in relation to number of institutions having that subject)	Total (pct. of institutions answering this question in relation to number of institutions having that subject)
Pedagogy/education (n = 108)	32%	1%	7%	39%
The humanities and theology (n = 95)	35%	0%	4%	39%
The arts (n = 80)	40%	1%	8%	49%
Natural science (n =103)	43%	0%	8%	51%
Social science (except business studies) (n = 132)	39%	1%	11%	50%
Business studies (n = 151)	39%	7%	38%	85%
Technical (n = 138)	59%	1%	12%	73%
Food industry and home economics (n = 55)	35%	4%	13%	51%
Agriculture (n = 39)	39%	0%	13%	51%
Health care (n = 99)	32%	1%	4%	37%
Public security/defence (n = 21)	29%	0%	10%	38%
Other: (n = 18)	11%	0%	0%	11%

STRATEGY

QUESTION 31: Is entrepreneurship embedded in your institutions written over all mission statement?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	71%	71%	73%	65%	79%	71%	74%	56%	57%	79%	85%	70%	75%	76%
No	29%	29%	27%	35%	21%	29%	26%	44%	43%	12%	15%	30%	25%	24%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	207	34	129	20	14	173	34	16	46	71	54	123	8	66

QUESTION 32: What are the overarching entrepreneurship goal(s) for your institution?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
My institution doesn't have entrepreneurship goals	6%	6%	7%	0%	14%	7%	6%	0%	9%	6%	9%	8%	0%	6%
To provide access to entrepreneurship opportunities for ALL students at my institution	54%	65%	50%	58%	64%	55%	50%	47%	55%	57%	55%	54%	50%	56%
To embed awareness of entrepreneurship throughout ALL curricula provision	48%	44%	46%	42%	71%	47%	50%	47%	40%	52%	54%	55%	25%	37%
To inspire students toward seeking an entrepreneurial career or life	67%	71%	66%	63%	86%	67%	64%	65%	60%	74%	73%	68%	75%	65%
To foster entrepreneurial behaviours, skills and mind-sets	82%	88%	80%	95%	93%	84%	72%	82%	81%	83%	91%	82%	88%	86%
To conduct state-of-the-art research on entrepreneurship	31%	24%	33%	16%	50%	31%	31%	12%	34%	25%	46%	34%	0%	29%
To increase the number of graduate start-up businesses	53%	56%	53%	47%	71%	55%	47%	41%	60%	57%	52%	57%	63%	48%
To seek opportunities for commercially exploiting knowledge present at my institution	48%	53%	51%	21%	43%	48%	47%	29%	53%	49%	52%	55%	13%	40%
To maximise technology transfer revenues	35%	38%	37%	26%	21%	36%	28%	24%	32%	35%	43%	43%	13%	22%
That the entrepreneurship education as a whole should generate income for the institution	20%	12%	21%	11%	29%	18%	25%	0%	9%	16%	23%	20%	13%	17%
Other:	6%	9%	5%	11%	0%	7%	0%	0%	9%	7%	5%	7%	13%	5%
N	204	34	123	19	14	168	36	17	47	69	56	119	8	63

QUESTION 33: Does your organisation have institution-wide policies/action plans (in writing) for undertaking entrepreneurship education?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	53%	42%	53%	45%	86%	53%	50%	45%	45%	51%	68%	54%	63%	49%
No	47%	58%	47%	55%	14%	47%	50%	53%	55%	49%	32%	46%	38%	51%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	211	36	130	20	14	177	34	17	47	71	56	125	8	67

QUESTION 34: What percentage of the different faculties/disciplines at your institution have their own entrepreneurship policies/action plans (in writing)?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
My institution does not have entrepreneurship policies/action plans at faculty-level/for the individual disciplines	30%	25%	31%	100%	0%	32%	23%	14%	38%	38%	20%	32%	100%	23%
Less than 33% of the faculties/disciplines	37%	53%	34%	0%	0%	37%	38%	43%	33%	27%	48%	35%	0%	46%
Between 34% and 66% of the faculties/disciplines	15%	6%	17%	0%	0%	12%	27%	14%	15%	15%	16%	14%	0%	20%
Between 67% and 99% of the faculties/disciplines	4%	3%	3%	0%	0%	5%	4%	7%	5%	2%	5%	4%	0%	3%
All of the faculties/disciplines have their own entrepreneurship policies/action plan	13%	13%	14%	0%	0%	14%	8%	21%	8%	18%	11%	15%	0%	9%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	158	32	115	1	0	132	26	14	39	55	44	111	2	35

QUESTION 35: Please indicate which specific overall subjects have their own entrepreneurship policies/action plans (in writing).

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Pedagogy/education	16%	19%	15%	-	-	14%	25%	8%	11%	14%	24%	14%	-	22%
The humanities and theology	14%	12%	14%	-	-	13%	17%	8%	15%	12%	16%	15%	-	6%
The arts	11%	4%	13%	-	-	10%	17%	8%	7%	10%	14%	13%	-	6%
Natural science	19%	23%	17%	-	-	20%	17%	25%	30%	17%	14%	21%	-	13%
Social science (except business studies)	24%	27%	26%	-	-	23%	29%	25%	26%	31%	22%	25%	-	25%
Business studies	67%	35%	82%	-	-	65%	75%	75%	70%	64%	81%	70%	-	72%
Technical	41%	54%	40%	-	-	42%	38%	58%	52%	31%	43%	56%	-	6%
Food industry and home economics	8%	8%	10%	-	-	10%	0%	8%	11%	10%	8%	11%	-	3%
Agriculture	7%	0%	10%	-	-	7%	4%	17%	0%	10%	8%	10%	-	0%
Health care	14%	15%	15%	-	-	17%	0%	0%	19%	17%	16%	17%	-	9%
Public security/defence	7%	12%	7%	-	-	6%	8%	0%	11%	2%	14%	8%	-	6%
Other faculties/disciplines that have their own entrepreneurship policy	14%	12%	16%	-	-	17%	4%	17%	22%	12%	16%	17%	-	9%
<i>N</i>	133	26	92	-	-	109	24	12	27	42	37	87	-	32

QUESTION 36: Which person has the primary responsibility for the entrepreneurship education at the strategic level at your institution?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Principal/rector/provost	19%	15%	19%	16%	36%	16%	33%	6%	18%	18%	26%	19%	14%	21%
Pro-vice chancellor	24%	18%	31%	11%	0%	24%	24%	29%	23%	27%	22%	32%	14%	11%
Dean	16%	18%	15%	11%	21%	17%	12%	18%	18%	17%	13%	14%	0%	21%
Professor	21%	27%	16%	32%	36%	22%	15%	29%	23%	15%	20%	15%	29%	31%
Lecturer	5%	9%	3%	16%	0%	4%	6%	12%	5%	3%	4%	4%	14%	6%
Other:	7%	9%	5%	11%	7%	8%	0%	6%	5%	8%	9%	7%	0%	6%
No person has been appointed to take on the responsibility of the entrepreneurship education at the strategic level at my institution	8%	3%	11%	5%	0%	8%	9%	0%	9%	12%	6%	10%	29%	3%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	190	33	114	19	14	157	33	17	44	66	54	110	7	62

QUESTION 37: Please indicate which subjects at your institution that have entrepreneurship champions that act as spokesmen/advocates at management level and/or among senior personnel to support the entrepreneurship education activities.

	Champion(s) appointed by institution (pct. calculated in relation to number of institutions having that subject)	Self-motivated champion(s) (pct. calculated in relation to number of institutions having that subject)	Both champion(s) appointed by institution and self-motivated champion(s) (pct. calculated in relation to number of institutions having that subject)	Total (pct. of institutions answering this question in relation to number of institutions having that subject)
My institution is specialised within a single subject/is a business school. Please indicate the presence of entrepreneurship champions, if any, with your institution (n = 37)	5%	5%	27%	38%
Pedagogy/education (n = 108)	7%	13%	10%	30%
The humanities and theology (n = 95)	4%	11%	12%	26%
The arts (n = 80)	5%	18%	15%	38%
Natural science (n = 103)	7%	14%	16%	36%
Social science (except business studies) (n = 132)	7%	16%	14%	37%
Business studies (n = 151)	18%	18%	39%	75%
Technical (n = 138)	10%	23%	27%	60%
Food industry and home economics (n = 55)	6%	13%	20%	38%
Agriculture (n = 39)	0%	3%	26%	28%
Health care (n = 99)	4%	15%	11%	30%
Public security/defence (n = 21)	10%	10%	24%	43%
Other faculties/disciplines that have entrepreneurship champions: (n = 18)	6%	11%	11%	28%

QUESTION 38: Does your institution at the present time...

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Have in-house development of entrepreneurship teaching curriculum and/or teaching methods?	94%	85%	95%	95%	100%	93%	97%	100%	91%	92%	95%	91%	100%	97%
Import entrepreneurship teaching curricula and/or teaching methods from other HEIs?	55%	66%	56%	39%	50%	53%	63%	53%	58%	55%	55%	63%	43%	44%
Have a formalised national exchange of good practice in entrepreneurship education?	46%	40%	53%	37%	23%	49%	33%	6%	48%	48%	58%	51%	43%	40%
Have a formalised international exchange of good practice in entrepreneurship education?	34%	27%	38%	26%	23%	34%	33%	31%	30%	35%	40%	36%	29%	32%
Include entrepreneurs/practitioners in the development of entrepreneurship teaching materials?	87%	84%	86%	95%	93%	87%	85%	94%	83%	84%	91%	86%	86%	88%
Have a Curricula Development Fund dedicated to entrepreneurship curriculum?	24%	26%	25%	16%	29%	27%	12%	20%	23%	22%	30%	29%	29%	14%
<i>N</i>	186	31	106	19	14	144	33	14-17	38-45	63	53	105	7	57

QUESTION 39: Does your institution at the present time have crossfaculty/ interdisciplinary formalised collaborations in developing new entrepreneurship education?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. Business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	63%	53%	65%	-	-	62%	68%	71%	56%	53%	82%	65%	-	57%
No	37%	47%	35%	-	-	38%	32%	29%	44%	47%	18%	35%	-	43%
Total	100%	100%	100%	-	-	100%	100%	100%	100%	100%	100%	100%	-	100%
<i>N</i>	157	32	115	-	-	132	25	14	39	55	44	111	-	35

QUESTION 40: How often does your institution make use of the following main teaching methods in the entrepreneurship education?

	Average (interval 1-4)	Often	Some- times	Rarely	Never	Total
Lecturing	1.38	75%	17%	8%	0%	100%
Case studies	1.45	61%	36%	3%	1%	100%
Entrepreneurs/practitioners in the class room	1.62	45%	49%	4%	2%	100%
Project teams	1.54	58%	35%	5%	1%	100%
Company visits	2.16	17%	51%	28%	3%	100%
Venture simulation/mini companies	2.13	31%	39%	19%	11%	100%
Others:	2.68	27%	16%	14%	43%	100%
<i>N = 186</i>						

Please note, that the interval is based on the following values: 1=Often, 2=sometimes, 3=rarely, 4=never

QUESTION 41: Did your institution offer extra-curricula activities focusing on entrepreneurship in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
No, my institution did not offer any extra-curricula entrepreneurship activities	6%	9%	5%	11%	0%	7%	3%	18%	7%	4%	7%	3%	13%	10%
Yes, seminars/workshops	72%	73%	78%	63%	71%	72%	74%	59%	69%	75%	86%	82%	38%	66%
Yes, business plan/venture capital competitions	51%	55%	56%	32%	57%	55%	34%	24%	56%	55%	59%	58%	25%	48%
Yes, company visits	47%	48%	48%	47%	50%	43%	64%	41%	40%	48%	61%	50%	63%	44%
Yes, matchmaking events between students and external stakeholders/springboards	41%	39%	42%	32%	64%	41%	40%	41%	42%	39%	46%	41%	38%	42%
Yes, summer school	20%	15%	24%	11%	7%	19%	23%	24%	16%	21%	23%	26%	25%	8%
Yes, mentoring schemes/personal coaching for entrepreneurial students	54%	48%	59%	37%	79%	57%	40%	29%	53%	66%	57%	65%	38%	44%
Yes, Other:	16%	9%	18%	16%	7%	19%	0%	6%	24%	15%	16%	20%	0%	10%
N	199	33	120	19	14	164	35	17	45	67	56	116	8	62

QUESTION 42: Please estimate the total number of all students (at any level) that participated in extra-curricular entrepreneurship activities in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI with-out business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Number of students –average	357	268	421	238	301	332	470	64	291	426	431	403	174	326
N	180	31	111	18	13	147	33	16	42	62	54	106	7	59

INSTITUTIONAL INFRASTRUCTURE

QUESTION 43: How many entrepreneurship chairs/professorships did your institution have in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Tenured – average	1.8	1.8	1.5	2.2	2.8	1.5	3.6	1.3	1.2	1.5	2.6	1.7	6.3	1.6
Non-tenured – average	1.4	2.4	1.3	0.6	1.2	1.0	3.4	2.2	1.1	1.0	1.9	1.8	2.0	0.8
<i>N</i>	150/116	27/20	92/75	13/9	12/9	130/95	20/21	13/13	38/32	56/40	39/29	87/68	4/2	52/43
<i>Note: Outliers above 10 have been excluded</i>														

QUESTION 44: Does your institution conduct research on entrepreneurship

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	74%	68%	80%	39%	79%	72%	84%	50%	70%	77%	84%	79%	14%	72%
No	26%	32%	20%	61%	21%	28%	16%	50%	30%	23%	16%	21%	86%	28%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	188	31	116	18	14	156	32	16	44	65	56	111	7	60

QUESTION 45: Does your institution conduct research on entrepreneurship education?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	55%	68%	80%	39%	79%	50%	75%	59%	48%	52%	63%	57%	14%	53%
No	45%	32%	20%	61%	21%	50%	25%	41%	52%	48%	38%	43%	86%	47%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	187	31	116	18	14	155	32	17	42	65	56	111	7	60

QUESTION 46: What is the objective of your institution's research on entrepreneurship education?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
For internal evaluation purposes	49%	67%	46%	57%	50%	46%	58%	64%	63%	59%	37%	53%	50%	43%
To understand market trends and needs within the area of entrepreneurship education	55%	53%	60%	29%	50%	51%	73%	55%	63%	54%	61%	64%	0%	43%
For benchmarking purposes	36%	20%	43%	43%	25%	36%	38%	46%	29%	46%	37%	42%	50%	30%
To further advance the field/conduct cutting edge research within the field of entrepreneurship education	65%	73%	69%	57%	63%	66%	62%	46%	75%	70%	76%	69%	0%	68%
Other objectives:	6%	0%	8%	0%	13%	7%	0%	0%	8%	3%	11%	7%	0%	5%
<i>N</i>	121	15	80	7	8	95	26	11	24	37	38	72	2	37

QUESTION 47: Can all students at your institution take entrepreneurship courses and have them credited to their degree regardless of to which faculty/discipline they are connected?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	60%	69%	54%	75%	100%	58%	70%	60%	49%	68%	60%	56%	83%	67%
No	40%	54%	46%	25%	0%	42%	30%	40%	51%	32%	40%	44%	17%	33%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	175	32	116	12	7	148	27	15	39	62	52	112	6	48

QUESTION 48: Did your institution offer cross-faculty/multidisciplinary entrepreneurship activities (both in-curricula and extracurricular) in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	78%	67%	81%	75%	67%	77%	85%	73%	72%	76%	86%	80%	83%	71%
No	22%	33%	19%	25%	33%	23%	15%	27%	28%	24%	14%	20%	17%	29%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	175	33	116	12	6	148	27	15	39	62	51	112	6	48

QUESTION 49: Does your institution provide opportunities for entrepreneurship students from different faculties/disciplines to mix in the class room?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	76%	73%	76%	75%	71%	79%	56%	60%	49%	73%	81%	77%	83%	69%
No	24%	27%	24%	25%	29%	21%	44%	40%	51%	27%	19%	23%	17%	31%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	176	33	115	12	7	149	27	15	39	62	52	111	6	49

QUESTION 50: Does your institution have an entrepreneurship department?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, with less than 5 full-time (or equivalent) academic staff	25%	24%	23%	33%	29%	27%	16%	24%	26%	29%	18%	23%	14%	28%
Yes, with at least 5 full-time (or equivalent) academic staff	27%	18%	29%	22%	29%	24%	41%	18%	16%	26%	45%	31%	43%	16%
No, my institution does not have such a institution	49%	58%	47%	44%	43%	50%	44%	59%	58%	39%	43%	46%	43%	56%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	189	33	116	18	14	157	32	17	43	65	56	112	7	61

QUESTION 51: Does your institution have a dedicated entrepreneurship centre or similar formalised entity?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, and the centre employs at least one full-time employee (or equivalent)	52%	43%	56%	33%	57%	54%	41%	41%	44%	55%	64%	57%	57%	40%
Yes, and the centre employs less than one full-time employee (or equivalent)	6%	3%	5%	6%	14%	5%	6%	12%	7%	3%	7%	4%	0%	8%
No, my institution does not have an entrepreneurship centre	42%	54%	39%	61%	29%	41%	53%	47%	49%	42%	29%	39%	43%	52%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	197	35	122	18	14	165	32	17	43	69	56	119	7	62

QUESTION 52: Does your institution provide incubator facilities?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, and the incubator can host at least 10 graduate start-ups/academic spin-offs	42%	39%	45%	33%	29%	47%	16%	29%	34%	46%	49%	51%	57%	23%
Yes, and the incubator can host less than 10 graduate start-ups/academic spin-offs	18%	24%	17%	6%	36%	17%	23%	18%	20%	12%	24%	19%	0%	21%
No, my institution does not have incubator facilities	40%	36%	37%	61%	36%	36%	61%	53%	45%	42%	27%	30%	43%	56%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	197	33	119	18	14	163	34	17	44	66	56	115	8	61

QUESTION 53: Does your institution have a technology transfer office (TTO)?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, and the TTO employs at least one full-time employee (or equivalent)	55%	64%	62%	44%	0%	60%	31%	41%	58%	55%	57%	70%	57%	30%
Yes, and the TTO employs less than one full-time employee (or equivalent)	5%	3%	5%	0%	0%	4%	6%	6%	2%	2%	9%	5%	0%	2%
No, my institution does not have a TTO	40%	33%	33%	56%	100%	36%	63%	53%	40%	43%	34%	24%	43%	69%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	188	33	115	18	14	156	32	17	43	65	56	111	7	61

QUESTION 54: Does your institution track the individual alumni?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, to keep in contact with the alumni	73%	67%	76%	78%	93%	74%	71%	53%	71%	76%	89%	73%	75%	79%
Yes, to keep track of the number and growth of ventures started by graduates	36%	48%	30%	33%	64%	39%	31%	35%	34%	41%	34%	37%	38%	36%
Yes, for other reasons:	12%	9%	13%	11%	14%	13%	9%	6%	9%	17%	13%	11%	13%	13%
No	15%	23%	14%	22%	0%	16%	9%	29%	21%	13%	5%	16%	13%	15%
<i>N</i>	197	35	121	18	14	167	34	17	44	67	56	118	8	62

QUESTION 55: Does your institution involve the alumni in its entrepreneurship activities?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	72%	67%	71%	78%	93%	75%	59%	65%	70%	68%	80%	74%	57%	70%
No	28%	33%	29%	22%	7%	25%	41%	35%	30%	32%	20%	26%	43%	30%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	189	33	116	18	14	157	32	17	43	65	56	112	7	61

QUESTION 56: Does your institution at the present time have links with one or more of the following stakeholders as a result of/to improve your institution's entrepreneurship activities?

	Has links to	Makes an actual contribution to your institution's entrepreneurship activities	Has no links to	Total
Government (national/regional/local)	37%	51%	12%	100%
Foundations	34%	30%	37%	100%
Private companies	29%	64%	6%	100%
Investors (venture capitalists, banks etc.)	34%	43%	23%	100%
Entrepreneurs	39%	59%	3%	100%
Science parks/incubators	35%	52%	13%	100%
Professional service providers	36%	44%	20%	100%
Specialised bodies supporting entrepreneurs	31%	51%	18%	100%
Other stakeholders:	14%	18%	68%	100%
<i>N = 180</i>				

QUESTION 57: Is it possible for entrepreneurship students at your institution to...

	Yes, compulsory	Yes, optional	No	Total
Take internships outside the institution to develop entrepreneurial mindsets and skills?	33%	56%	11%	100%
Work on student projects outside the institution to develop entrepreneurial mindsets and skills?	22%	74%	4%	100%
Participate in national/international business plans/venture capital competitions?	7%	86%	8%	100%
<i>N = 185</i>				

QUESTION 58: Please estimate what approximate percentage of all students graduated with actual practical entrepreneurial experience from activities offered by your institution in the previous academic year? Practical entrepreneurial experience gained through opportunities offered by your institution. For example gained from e.g. business plan competitions, incubators, internships in start-ups, etc.

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
None	2%	0%	3%	0%	0%	1%	3%	6%	2%	2%	0%	2%	0%	2%
1 – 2%	12%	15%	15%	0%	0%	13%	3%	0%	21%	9%	11%	14%	0%	10%
3 – 4%	16%	24%	15%	11%	7%	17%	13%	18%	21%	18%	11%	18%	14%	12%
5 – 10%	12%	6%	14%	6%	0%	12%	13%	12%	16%	9%	9%	13%	0%	8%
10 – 15%	10%	6%	11%	17%	14%	11%	6%	0%	5%	14%	15%	11%	14%	10%
15 – 20%	10%	12%	9%	11%	14%	10%	10%	12%	7%	11%	9%	8%	0%	15%
20 – 50%	14%	9%	12%	17%	36%	12%	23%	18%	7%	14%	20%	11%	29%	18%
More than 50%	14%	18%	11%	17%	29%	13%	16%	12%	9%	17%	15%	12%	14%	20%
Cannot make such estimation	11%	9%	11%	22%	0%	11%	13%	24%	14%	6%	11%	12%	29%	5%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	188	33	114	18	14	157	31	17	44	65	55	111	7	60

QUESTION 59: Did your institution in the previous academic year transfer knowledge to society?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, through academic spin-offs	62%	76%	67%	44%	29%	67%	36%	47%	64%	65%	69%	69%	50%	55%
Yes, through licensing agreements	37%	45%	41%	28%	7%	40%	18%	65%	64%	39%	40%	50%	38%	15%
Yes, through patents/IPRs	44%	55%	49%	33%	7%	48%	24%	41%	48%	41%	53%	57%	50%	23%
Yes, through product/process design	49%	58%	54%	44%	14%	52%	30%	24%	46%	32%	58%	63%	25%	32%
Yes, through consultancy work	79%	79%	84%	72%	79%	79%	79%	82%	86%	83%	78%	83%	63%	80%
Yes, my institution transferred knowledge in other ways	24%	24%	25%	28%	21%	27%	9%	24%	23%	24%	31%	26%	25%	22%
No, my institution did not transfer knowledge	4%	3%	1%	17%	7%	4%	6%	0%	0%	5%	5%	2%	13%	5%
N	196	33	118	18	14	163	33	17	44	66	55	115	8	60

QUESTION 60: Does your institution...

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Support entrepreneurship in local schools/other educational institutions?	59%	34%	64%	47%	71%	58%	63%	59%	50%	52%	76%	60%	71%	51%
Host entrepreneurial events open to the community?	81%	82%	83%	61%	93%	81%	81%	65%	79%	83%	85%	85%	86%	77%
Have a specific centre that provides advisory services or training to entrepreneurs in the community?	41%	42%	41%	24%	50%	42%	37%	24%	60%	63%	49%	45%	29%	33%
<i>N</i>	187	33	115	18	14	156	31	17	43	65	54	111	7	60

DEVELOPMENT

QUESTION 61: Please estimate the number of academic staff involved in your institution's entrepreneurship activities (in-curricular as well as extracurricular).

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Academic staff - average	37	18	43	17	31	36	40	16	33	26	58	45	24	19
<i>N</i>	179	30	110	18	13	149	31	17	43	64	50	106	7	57

QUESTION 62: Please estimate the percentage of the academic staff involved in providing your institution's entrepreneurship activities that have their own experience as entrepreneurs.

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Academic staff - average	30%	29%	28%	39%	34%	30%	28%	28%	33%	28%	29%	29%	34%	30%
N	173	30	105	17	12	142	31	17	43	62	48	105	7	62

QUESTION 63: Are guest lecturers/practitioners with practical experience as entrepreneurs used in the entrepreneurship education?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
To a great extent	35%	38%	29%	56%	57%	40%	13%	41%	37%	38%	31%	32%	43%	41%
To some extent	53%	56%	57%	33%	36%	50%	65%	35%	51%	56%	56%	56%	43%	48%
To a limited extent	11%	6%	13%	11%	7%	9%	23%	24%	12%	6%	11%	12%	14%	10%
Not at all	1%	0%	1%	0%	0%	1%	0%	0%	0%	0%	2%	0%	0%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	186	32	114	18	14	155	31	17	43	64	55	111	7	59

QUESTION 64: Does your institution provide recognition for achievements of academic staff in entrepreneurship education?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 4 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, awards	16%	9%	21%	0%	29%	14%	27%	6%	18%	14%	25%	18%	0%	17%
Yes, Professorial Status	19%	12%	21%	17%	29%	18%	24%	18%	14%	22%	22%	19%	13%	20%
Yes, monetary awards (e.g. salary increase, grants)	18%	15%	19%	28%	21%	15%	33%	6%	14%	20%	27%	18%	50%	17%
Yes, fellowships	7%	6%	9%	0%	0%	6%	12%	6%	5%	5%	13%	11%	0%	2%
Yes, other recognition	8%	6%	9%	6%	7%	7%	3%	6%	5%	6%	15%	11%	0%	3%
No	52%	57%	56%	58%	21%	55%	33%	59%	60%	54%	42%	56%	25%	52%
N	206	35	125	19	14	173	33	17	44	67	55	122	8	63

QUESTION 65: At your institution, is it compulsory for academic staff members who (want to) teach entrepreneurship to engage in training/coaching aimed at developing/improving their entrepreneurship teaching skills?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	20%	22%	19%	6%	23%	16%	37%	6%	20%	18%	20%	21%	14%	16%
No	80%	78%	81%	94%	77%	84%	63%	94%	80%	82%	80%	79%	86%	84%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	184	32	113	18	13	154	30	17	44	65	54	110	7	58

QUESTION 66: Does your institution require that academic staff members have actual entrepreneurial experience before they are allowed to teach entrepreneurship?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	25%	22%	22%	39%	36%	27%	13%	29%	20%	25%	22%	18%	29%	37%
No	75%	78%	78%	61%	64%	73%	87%	71%	80%	75%	78%	82%	71%	37%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	186	32	114	18	14	156	30	17	44	65	54	111	7	59

QUESTION 67: Did students at your institution evaluate the entrepreneurship courses in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI with-out business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	89%	88%	91%	78%	93%	90%	83%	94%	95%	85%	89%	90%	86%	88%
No	11%	12%	9%	22%	7%	10%	17%	6%	5%	15%	11%	10%	14%	12%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	186	32	114	18	14	156	30	17	44	65	55	111	7	59

QUESTION 68: Does your institution have procedures for evaluating whether the entrepreneurship courses have the anticipated medium/long-term effect?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes, by measuring the effect among the students themselves (i.e. have the students gained the expected entrepreneurial skills, mindsets etc.)	50%	58%	53%	39%	43%	50%	40%	41%	50%	52%	55%	53%	63%	42%
Yes, by measuring how the end-users (employers, investors etc.) evaluate the students with regards to their entrepreneurial skills and mindsets	22%	24%	19%	39%	36%	21%	30%	18%	14%	24%	31%	20%	38%	27%
No	37%	36%	39%	44%	36%	39%	30%	47%	43%	42%	31%	38%	25%	42%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	196	33	118	18	14	163	33	17	44	66	55	115	8	60

QUESTION 69: Does your institution have a formalised evaluation procedure for following up on its entrepreneurship goals and strategies?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	38%	41%	33%	50%	38%	37%	40%	24%	24%	40%	48%	36%	29%	40%
No	62%	59%	67%	50%	62%	63%	60%	76%	76%	60%	52%	64%	71%	60%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	184	32	114	18	13	154	30	17	44	65	54	111	7	58

RESOURCES

QUESTION 70: What types of income generating activities related to entrepreneurship (excluding the actual in-curricular education for students) does your institution have?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Advisory services	40%	30%	45%	33%	43%	39%	45%	41%	39%	27%	60%	42%	38%	40%
Fees to attend seminars, workshops etc.	46%	27%	53%	39%	57%	44%	55%	53%	32%	42%	67%	46%	50%	40%
Donations from alumni	14%	15%	14%	17%	21%	13%	18%	12%	5%	14%	25%	14%	38%	13%
Other donations	26%	21%	30%	22%	14%	24%	36%	18%	30%	27%	27%	29%	25%	22%
Publication revenues	17%	9%	23%	0%	21%	14%	33%	18%	9%	15%	29%	18%	0%	20%
My institution does not have any income generating activities	24%	39%	19%	44%	21%	25%	21%	29%	27%	30%	15%	23%	38%	25%
Other income generating activities	16%	15%	19%	17%	14%	18%	6%	0%	21%	20%	18%	20%	25%	12%
<i>N</i>	196	33	118	18	14	163	33	17	44	66	55	115	8	60

QUESTION 71: How were your institution's total entrepreneurship activities (both in-curricula and extracurricula) primarily funded in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidisc. HEI without business school	Multidisc. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Primarily short-term/project funding (1-2 years)	37%	38%	34%	44%	46%	32%	62%	27%	36%	41%	33%	36%	57%	36%
Primarily medium-term funding (3-5 years)	18%	22%	17%	11%	23%	18%	17%	27%	21%	16%	15%	16%	0%	24%
Primarily long-term funding (5+ years)	11%	6%	13%	17%	0%	13%	0%	7%	7%	17%	8%	8%	29%	15%
Mix of the above	34%	34%	36%	28%	31%	37%	21%	40%	36%	27%	44%	40%	14%	25%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	178	32	108	18	13	149	29	15	42	64	64	109	7	55

QUESTION 72: What is the primary source of external funding for entrepreneurship activities at your institution?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidisc. HEI without business school	Multidisc. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Funding from the European Union	7%	3%	10%	0%	0%	5%	17%	6%	10%	6%	6%	10%	0%	2%
Government funding (national/regional/local)	67%	66%	69%	76%	31%	69%	55%	53%	62%	76%	62%	67%	83%	63%
Companies	12%	16%	9%	6%	38%	11%	21%	35%	10%	8%	13%	11%	0%	16%
Foundations	3%	6%	1%	6%	8%	3%	3%	6%	2%	3%	2%	3%	0%	4%
Alumni	4%	6%	3%	12%	0%	5%	0%	0%	2%	2%	8%	4%	17%	4%
Other:	8%	3%	8%	0%	23%	9%	3%	0%	14%	5%	10%	5%	0%	12%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	180	32	111	17	13	151	29	17	42	63	52	110	6	57

QUESTION 73: In the previous academic year, did your institution support its entrepreneurship goals with dedicated funding?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidisc. HEI without business school	Multidisc. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Yes	62%	66%	64%	56%	54%	66%	42%	53%	64%	58%	67%	65%	43%	63%
No	27%	31%	25%	22%	38%	25%	35%	41%	21%	37%	17%	26%	29%	27%
My institution does not have entrepreneurship goals	11%	3%	11%	22%	8%	9%	23%	6%	16%	4%	15%	9%	27%	10%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<i>N</i>	194	35	120	18	13	163	31	17	44	67	52	119	7	59

QUESTION 74: What was the (approximate) size in Euro (€) of the overall budget at your entire institution reserved for entrepreneurship activities (incurricula and extracurricular) in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Size of overall budget reserved for entrepreneurship activities (€) - Average	483.220	393.328	547.849	367.656	495.681	416.048	875.647	150.583	327.097	476.730	798.209	525.364	434.100	453.070
Size of budget (€) per student - mean	340	104	110	2334*	297	350	283	59	111	635	242	119	379	730
Size of budget (€) per student - median	25	26	16	107	148	27	16	27	10	21	64	19	145	27
<i>N</i>	130	23	79	13	11	111	19	12	33	50	33	77	5	44

Please note, that two outliers were excluded having a budget of 12.000.000 and 30.000.000 euros respectively.
 * this number includes one institution using €20.619 per student. Without this institution, the average is 672

QUESTION 75: What percentage of the total entrepreneurship budget was allocated from internal funds versus received through external funding in the previous academic year?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Pct. of internal funding	56%	54%	53%	63%	72%	56%	57%	54%	51%	57%	59%	49%	59%	66%
N	152	30	93	14	11	129	23	13	38	57	41	93	5	50

QUESTION 76: Keeping in mind all the entrepreneurship activities, courses etc. that you have provided information on in this questionnaire, please estimate what percentage of students at your institution have – at some point during their studies - become acquainted with entrepreneurship (either through in-curricula courses or extracurricular activities)?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Average	46%	47%	37%	60%	90%	44%	53%	33%	35%	48%	55%	40%	60%	45%
N	172	30	104	17	13	143	29	16	42	59	50	100	7	172

QUESTION 77: What are the 3 main barriers to entrepreneurship education at your institution?

	Total	Type of institution				EU15 or EU>15		Years of experience with entrepreneurship education				Technical		
		Multidic. HEI without business school	Multidic. HEI incl. business school	Specialised HEI	Independent business School	EU15	EU>15	Less than 4 years of experience	Between 4 and less than 8 years of experience	Between 8 and 12 years of experience	More than 12 years of experience	Technical as part of multidisciplinary HEI	Specialised technical institutions	Non-technical institutions
Some of the academic staff oppose the introduction of entrepreneurship education	21%	19%	23%	22%	14%	24%	6%	12%	25%	20%	23%	26%	25%	13%
Limited expertise among academic staff/current level of educator competence is inadequate	30%	34%	30%	28%	36%	25%	55%	24%	30%	40%	26%	33%	25%	28%
No demand for entrepreneurship education from the students	7%	6%	8%	11%	0%	8%	3%	12%	7%	8%	6%	6%	25%	7%
Academic staff do not have enough time to engage in entrepreneurship education	34%	38%	33%	28%	57%	33%	40%	24%	39%	32%	40%	36%	38%	33%
No support from the top management at my institution	3%	3%	3%	0%	0%	3%	0%	0%	2%	3%	4%	2%	0%	5%
No funding available to support the entrepreneurship education	26%	25%	25%	33%	36%	24%	36%	24%	23%	25%	34%	25%	50%	25%
No support from the government/policy environment for entrepreneurship education needs improving	15%	22%	16%	11%	7%	13%	27%	6%	18%	12%	19%	16%	13%	15%
At my institution no recognition is given for excellence in entrepreneurship education	7%	6%	8%	6%	0%	7%	6%	0%	5%	9%	6%	6%	0%	8%
There is no academic credibility in entrepreneurship education	7%	3%	9%	0%	7%	6%	9%	6%	7%	6%	9%	6%	0%	8%
There is a lack of good-quality entrepreneurship education materials	9%	9%	8%	17%	14%	8%	15%	6%	14%	11%	6%	8%	0%	13%
The entrepreneurship education depends on the efforts of a single person/a few people	40%	41%	46%	28%	21%	43%	27%	41%	55%	38%	38%	42%	13%	42%
The entrepreneurship education lacks strategic integration at my institution	18%	25%	19%	11%	7%	19%	12%	35%	25%	15%	13%	19%	0%	18%
Others	11%	6%	14%	6%	14%	13%	0%	6%	14%	15%	8%	13%	0%	12%
N	266	32	116	18	14	160	33	17	44	65	53	112	8	60

