



Methodology

The data presented in the Skills Observatory are the result of a dedicated survey completed by European construction companies, located in the different countries participating in the Construction Blueprint project (Belgium, Ireland, Finland, France, Greece, Germany, Italy, Lithuania, Portugal, Poland, Slovenia and Spain).

The objective of the survey is to collect relevant first-hand information about the skills needs of the companies, specifically addressing the topics of energy efficiency, digitalisation and circular economy.

The aim is to collect a minimum of 2,000 answers among the 12 European countries of the consortium. Each country is addressed with a minimal number of answers to reach, depending on their respective number of construction companies.

	Number of construction companies (1)	Minimal number of answers required (2)	Minimal number of construction companies to reach (Answer rate = 10%)
Italy	1 044 531	300	3 000
France	804 420	300	3 000
Spain	698 086	300	3 000
Germany	655 109	180	1 800
Poland	522 283	180	1 800
Belgium	204 476	120	1 200
Greece	168 233	120	1 200
Portugal	167 584	120	1 200
Ireland	95 781	120	1 200
Finland	84 392	120	1 200
Lithuania	68 074	90	900
Slovenia	36 257	90	900
Total	4 549 226	2 040	20 400
(1) Source: ECSC (EU)			
(2) National partners can decide to raise this minimum in their country.			

For the first edition of the survey, the consortium succeeded to collect a **total of 1,715 answers**, distributed according to the table below.

	Minimal number of answers required	Total of answers collected	Distribution of results, Poland included	Adjustment coefficient, Poland included	Distribution of results, Poland excluded	Adjustment coefficient, Poland excluded
Italy	300	750	43,7%	0,525	44,0%	0,589
France	300	230	13,4%	1,319	13,5%	1,479
Spain	300	163	9,5%	1,615	9,6%	1,811
Germany	180	64	3,7%	3,859	3,8%	4,329
Poland	180	12	0,7%	16,408		
Belgium	120	151	8,8%	0,510	8,9%	0,573
Greece	120	121	7,1%	0,524	7,1%	0,588
Portugal	120	61	3,6%	1,036	3,6%	1,162
Ireland	120	55	3,2%	0,657	3,2%	0,736
Finland	120	20	1,2%	1,591	1,2%	1,784
Lithuania	90	30	1,7%	0,855	1,8%	0,960
Slovenia	90	58	3,4%	0,236	3,4%	0,264
Total	2 040	1715	100,0%		100,0%	

Before any analysis, a statistical expert weights the collected results based on the ratio between the number collected by each country and their respective number of construction companies, in relation with the total number of answers collected by the consortium, in order to determine the **adjustment coefficients** for each country (in the example of the table, as the number of answers in Italy is largely superior to other countries, in order avoid the Italian results to be overrepresented in the analysis, 2 Italian answers will count for 1. In the same logic, if the transnational analysis is carried out with the Polish answers, each one of the 12 answers will count for 16, which will overrepresents the Polish results in the transnational consolidation).

Subsequent editions of the survey are foreseen to be launched in coming years, in order to get updated and comparable results about these **Technical Skills**.

For further information about the results of the first edition of the survey (profiles of respondents, profile of companies, concrete skills needs), please visit the Reports section.

Note: as a kind of complementary information to the results obtained in the first edition of the survey, a second questionnaire has been launched to be completed by European construction companies, this time focusing on **Transversal Skills**, whose results are available in the corresponding report (it can be found in the Reports Section of this Observatory).