



Terms of Reference for the subcontracting of the Construction Blueprint Observatory 2

1. Introduction

The **Construction Blueprint 2** project (2025–2028) is a continuation of the **Construction Blueprint 1** initiative (2019–2023), funded by the EACEA under the Erasmus+ Sector Skills Alliances programme. Its overall objective is **to promote training and innovation in the construction sector**, supporting the green, digital and inclusive transition of the sector through cooperation between business organisations, trade unions, training centres and universities.

In this second phase, the project expands the territorial and thematic scope of the work carried out previously, incorporating new countries and lines of analysis. One of the main tools for achieving these objectives is the **Construction Blueprint Observatory**, conceived as a platform for knowledge and monitoring of skills needs in the sector.

The Observatory, available at <https://www.constructionskillsobservatory.eu/observatory.php>, compiles information from surveys of construction companies in several European Union countries. Its results offer a comparative view of current and emerging skills needs in key areas such as **energy efficiency, renewable energy, the circular economy, digitalisation and transversal skills**.

These **Terms of Reference (ToR)** have been drawn up with the aim of **updating and expanding the Construction Blueprint Observatory**, ensuring data continuity, improving the visualisation tool and integrating new partners and sources of information that reflect the evolution of the sector and its challenges towards 2030.

The current **Construction Blueprint 2** partnership consists of 20 organisations from 10 countries:

- Construction Labour Foundation (FLC). Spain
- National Construction Confederation (CNC). Spain
- Workers' Commissions for Housing (CCOO Hábitat). Spain
- Federation of Industry, Construction and Agriculture of the General Union of Workers (UGT-FICA). Spain
- University of Valencia (UV-IRTIC). Spain
- Centre Ifapme Liege Huy Verviers ASBL (IFAPME). Belgium
- Klijnteh Bulgaria (CTBG). Bulgaria
- Stroitelna Kvalifikacia (CQ). Bulgaria
- European Construction Industry Federation (FIEC). Europe
- European Federation of Building and Woodworkers (EFBWW). Europe
- European Builders Confederation (EBC). Europe
- Berufsförderungswerk der Bauindustrie NRW gGmbH (BFW-NRW). Germany
- Panhellenic Association of Engineers Contractors of Public Works (PEDMEDE). Greece
- Technological University of the Shannon: Midlands Midwest (TUS). Ireland
- National Association of Building Contractors (ANCE). Italy
- Ente per la Formazione e l'addestramento professionale nell'edilizia (FORMEDIL). Italy
- Institut de Formation Sectoriel du Batiment SA (IFSB). Luxembourg
- Federation of Construction Companies (FPSC). Romania
- Romanian-German Foundation for Professional Training and Development in the Construction Industry – Timisoara (FRG-Timisora). Romania
- Chamber of Commerce and Industry of Slovenia (CCIS). Slovenia

2. Objective and characteristics

The main objective of this contract is **to update the Construction Blueprint Observatory**, a European tool for monitoring and analysing **skills needs in the construction sector**, developed during the first Construction Blueprint project (2019–2023).

This update aims to **maintain and expand the existing observatory** by integrating new countries, improving the questionnaires and data visualisation tool, and updating information on skills related to **digitalisation, energy efficiency, industrialisation and the circular economy**.

The updated Observatory will enable **statistical results to be compared between countries and thematic areas**, and will feature **national and transnational reports** based on surveys of companies and stakeholders in the sector in the participating countries.

A [results report](#) is produced using the aggregated data from all countries. The Observatory also has **specific reports**, which will be developed by the partners, in English.

Languages: Data viewing is in English. Data collection may be in English in some cases, although most will require questionnaires and responses in national languages. Translation could be carried out by partners (to be determined).

The observatory **tool for viewing data** was developed by an external company which, in this edition of the project, would also be responsible for updating and improving it. It would be advisable for the company carrying out the fieldwork to coordinate with them to establish the data output format.

Sustainability: The idea is to keep this observatory active and up to date with subsequent funding, as discussed with the Commission, with the possibility of tendering or transferring the tool itself to the Commission for direct management.

3. Participating countries

Country	CB1 (2019–2023)	CB2 (2025–2028)	Partners / Comments
Spain	✓	✓	FLC, CNC, UGT FICA and CCOO Habitat
Germany	✓	✓	BFW-NRW
Italy	✓	✓	ANCE, Formedil
Greece	✓	✓	PEDMEDE
Belgium	✓	✓	IFAPME
Slovenia	✓	✓	CCIS
Ireland	✓	✓	TUS
Bulgaria	✗	✓	New to BP2 (CQ EAD, Cleantech)
Romania	✗	✓	New to BP2 (FPSC, FRGTIM)
Luxembourg	✗	✓	New to BP2 (IFSB)
France	✓	✓ Not in the proposal, but we will include it in the observatory	-

Poland	✓	✓ Not included in the proposal, but we will include it in the observatory	-
Finland	✓	✗	Excluded in BP2
Portugal	✓	✗	Excluded in BP2
Lithuania	✓	✗	Excluded in BP2
Total	12	12	-

4. Sample and methodology

- The estimated annual sample size is between 2,000 and 2,500 surveys, totalling between 4,000 and 5,000 surveys, as we will conduct surveys in two waves: 2026 and 2028.
- Approximate distribution according to the size and weight of the construction sector per country, maintaining a minimum of 30-50 surveys per country per year. We carry out the sampling using the following formula:

*Assigned sample = (Construction companies in the country / Total companies) * Annual surveys*

The approximate sampling using the available information, together with the minimum and maximum number of surveys to be conducted, gives the following results:

Country	Companies	% of total	Assigned sample - Minimum	Assigned sample - Maximum
Belgium	126,000	4.79	96	120
Bulgaria	62,000	2.36	47	59
France	400,000	15.22	304	381
Germany	365,000	13.89	278	347
Greece	73,000	2.78	56	70
Ireland	148,000	5.63	113	141
Italy	517,000	19.67	393	492
Luxembourg	7,000	0.27	5	7
Poland	339,200	12.91	258	323
Romania	84,000	3.20	64	80
Slovenia	19,000	0.72	14	18
Spain	488,000	18.57	371	464
Total	2,628,200	100	2000	2500

Example: Minimum sample size allocated for Belgium is $(126,000/2,628,200)*2,000 = 4.79\% * 2,000 = 96$

- The analysis will cover digital, green and soft skills. A version of the questionnaire has already been developed by the package leaders and project coordinators. However, the selected consultant is expected to provide input to the final questionnaire.
- In the first Construction Blueprint, a total of 1,715 surveys were conducted, out of the minimum 2,040 required:
<https://www.constructionskillsobservatory.eu/assets/documents/1.%20Construction%20Blueprint%20-%20WP4%20-%20Technical%20Skills%20-%20Transnational%20consolidation.pdf> In addition, soft skills questionnaires have

already been completed and information from the first project is available but has not been published.

5. Expected results

The contractor must deliver the following results during the execution of the contract:

- **Updated work plan**, with a detailed schedule and methodology for data collection and analysis. Delivered after the initial meeting.
- **Questionnaires reviewed and updated** in coordination with the project coordinators and package leaders (WP3).
- **Conducting and quality control** of national surveys in the 12 participating countries (in two waves: 2026 and 2028).
- **Consolidated database** in MS Excel or CSV format, with harmonised coding of responses.
- Statistical analysis and **interim results report (2026)**
- **Final report from the Observatory (2028)**, including recommendations and trends on digital, green and transversal skills.
- **Delivery of supplementary documentation**: lists of participating companies, questionnaires used and three information notes for the project website.

6. Initial work plan

Date	Activity	Expected deliverable
Oct-Dec 2025	Completion of the ToR and hiring of the subcontractor	Signing of the contract
Jan-25	Review of the questionnaire by the subcontractor	Revised questionnaires and updated work plan
Jan-Jun 2026	First wave of national surveys in the 12 countries	Consolidated database in MS or CSV format with harmonised response coding
Aug-Sept 2026	Analysis and update of the viewer and reports	Construction Blueprint Observatory viewer
Dec 26	Report on the main skills needs identified (MS5) to date (in the proposal Dec 27)	Interim results report
Jan-Dec 2027	Presentation of results during Infodays	PPT of the interim results report
Jan-Jun 2028	Second wave of national surveys in the 12 countries	Consolidated data in MS or CSV format with harmonised response coding
Jul-Sep 2028	Analysis and update of the viewer and reports	Final report of the Observatory (D3.1)

7. General aspects

Techniques and methodology

- Surveys will preferably be conducted online or by telephone, with linguistic adaptation to national languages.

- The contractor must guarantee minimum representativeness per country (30–50 companies per country per year).
- Coordination with national partners will be encouraged for the validation of questionnaires and contact with companies.
- The contractor shall coordinate with the company responsible for the web viewer to define the data output format.

Terms of the contract

- Execution period: January 2026 – September 2028, divided into two phases of data collection and analysis.
- The contractor will hold regular meetings with the package coordinators and project coordinators.
- Payments will be made in three instalments: the first after delivery of the revised questionnaires and the updated work plan, the second after validation of the interim results report, and finally after validation of the final report.

Required experience

- Demonstrable experience in the design and execution of international quantitative and qualitative studies. Presence and/or contacts with companies in the construction sector in countries where the consortium is not present will be valued.
- Technical capacity for statistical processing and harmonisation of multilingual data. Use of integrated platforms for data collection will be valued.
- Experience in the construction sector and in skills studies will be considered an asset.

Preparation of the proposal

Interested companies must submit:

- **Technical proposal** (in Word or PowerPoint format, English or Spanish) that includes an understanding of the project and the proposed methodology, including measures to achieve the required number of responses, presence and/or contacts with companies in the construction sector in countries where the consortium is not present, CVs of the technical team and a description of similar work, costs not included in the proposal, and an estimated schedule of activities.
- **Financial proposal**, with a detailed budget and invoicing conditions.

Proposals must be sent to boliete@fundacionlaboral.org with copy to coral.sanchez@fundacionlaboral.org and amella@fundacionlaboral.org by 4th December 2025.

8. Other information of interest

- First BLUEPRINT website: <https://constructionblueprint2.eu/>
- First BLUEPRINT website: <https://constructionblueprint.eu/>
- [European Construction Sector Observatory \(ECSO\)](#) (see Data Mapper)
- [Construction Observatory of the Construction Labour Foundation](#)