



INNOVATIVE QUALIFICATIONS FOR TECHNOLOGICAL AND ORGANIZATIONAL INNOVATION IN BUILDING SECTOR



D3.3 –Valorisation and multiplication of the renovated qualification

“Construction site Technician”

Summary

WP3 – Implementation and update of the common qualification “Construction Site Technician”. WP Leader: VSRC Vilnius Date: 03/03/2021

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DOCUMENT INFORMATION

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Description of the deliverable (3-5 lines)	Synthesis of the survey results distributed to the stakeholders of the Construction Sector in order to validate the Construction Site Technician qualification developed within the ICARO framework
Key words	Construction sector, building sector, innovations, effects, impacts, Vocational Training, Work Based Learning, national policies

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Introduction

A “multiplier” event was to be organised in conjunction with one project meeting aiming at analysing changes in qualifications, contractual obligations and new profiles that offers professional skills to the construction industry in EU Countries through the participation of full project partners and associated partners, involving also other stakeholders (i.e. members of the REFORME networks and ILO branch). The main aim of the seminar was to collect feedback from the main stakeholders in the construction sector at EU level to include their vision in the new curricula in an open participatory process.

Due to the pandemic situation, the presential event had to be cancel and replaced by an online transnational survey in order to gather relevant stakeholders opinions on the curricula and analyse their feedback.

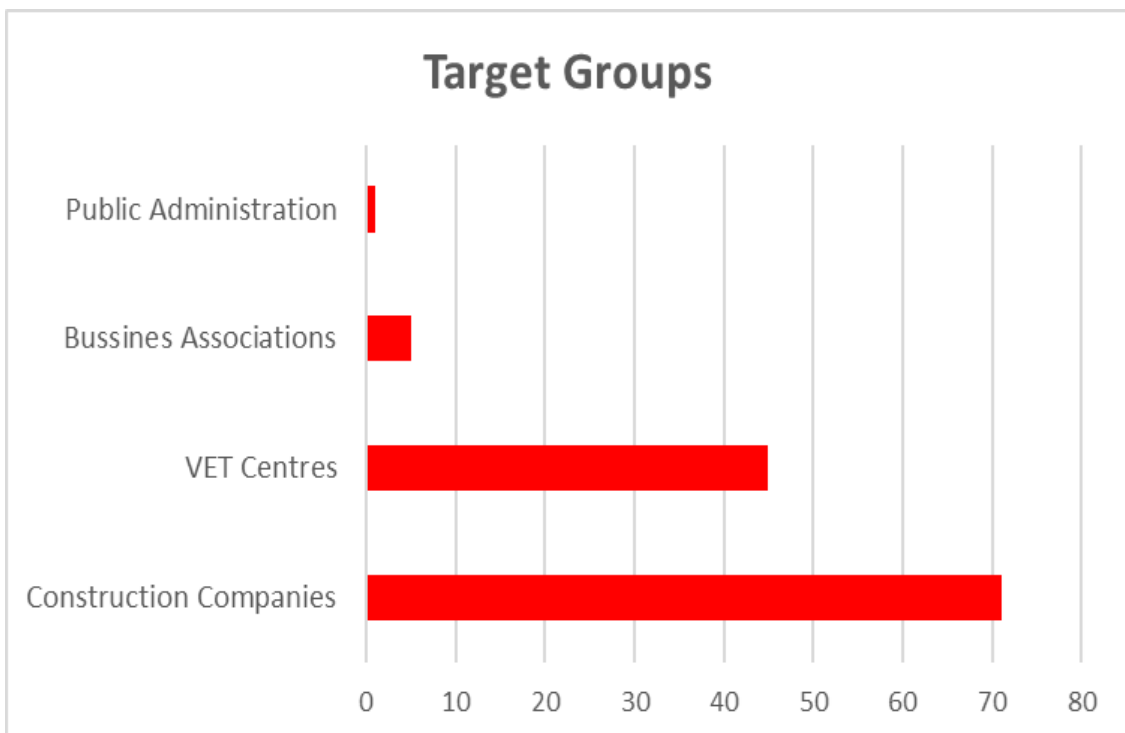
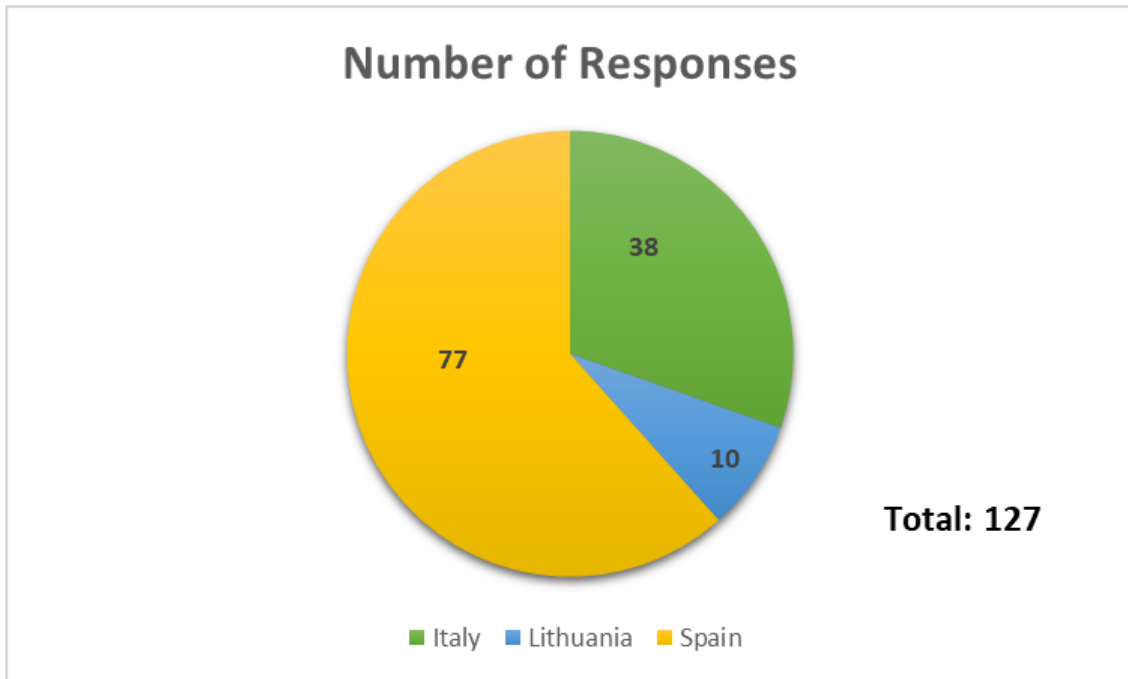
The survey consisted of a general description of the qualification and 60 questions regarding each unit and the competences within the units. Also, a section with general questions for the respondents was included in order to group them.

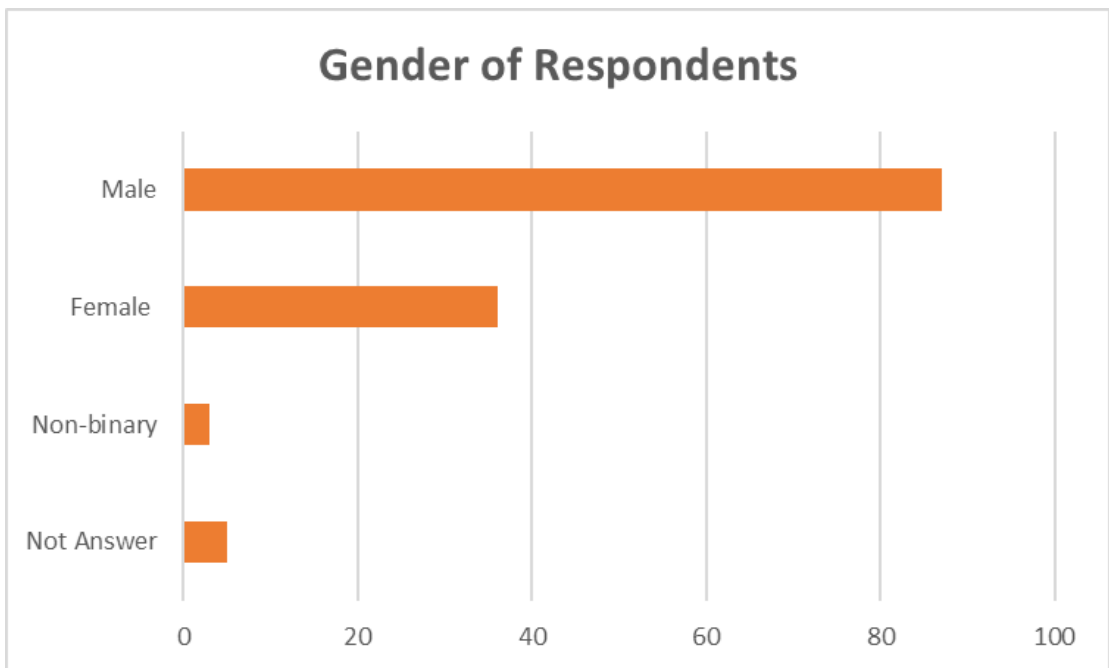
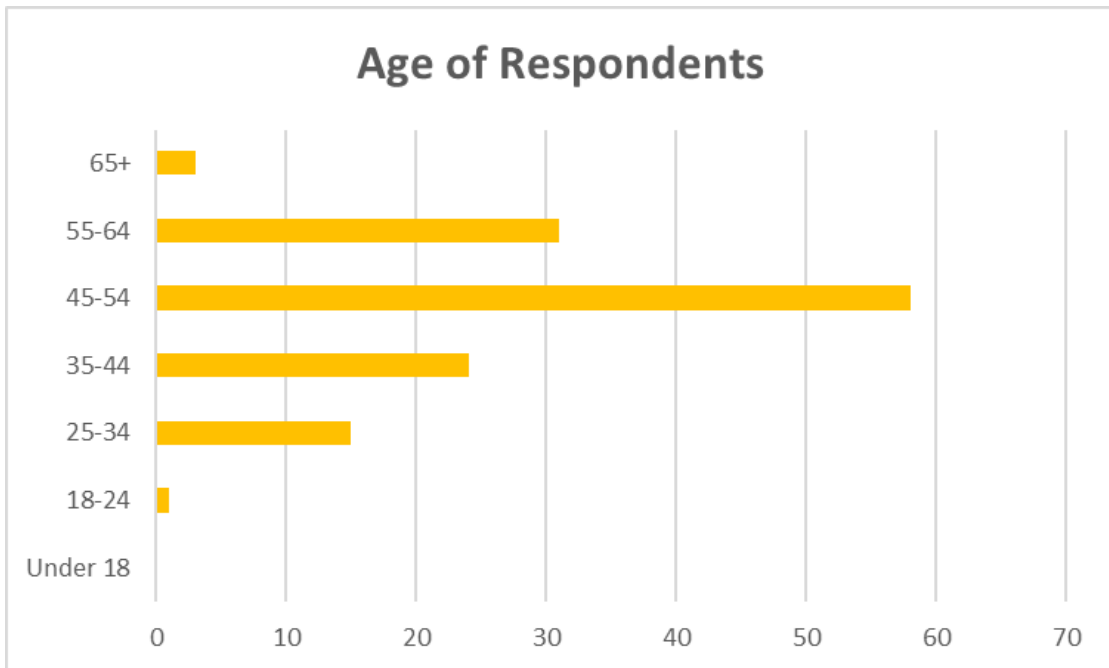
This report give a very brief description of the results of the transnational survey and includes some main inputs and indications gained from the stakeholders. It also provides for the reformulation of the curricula.

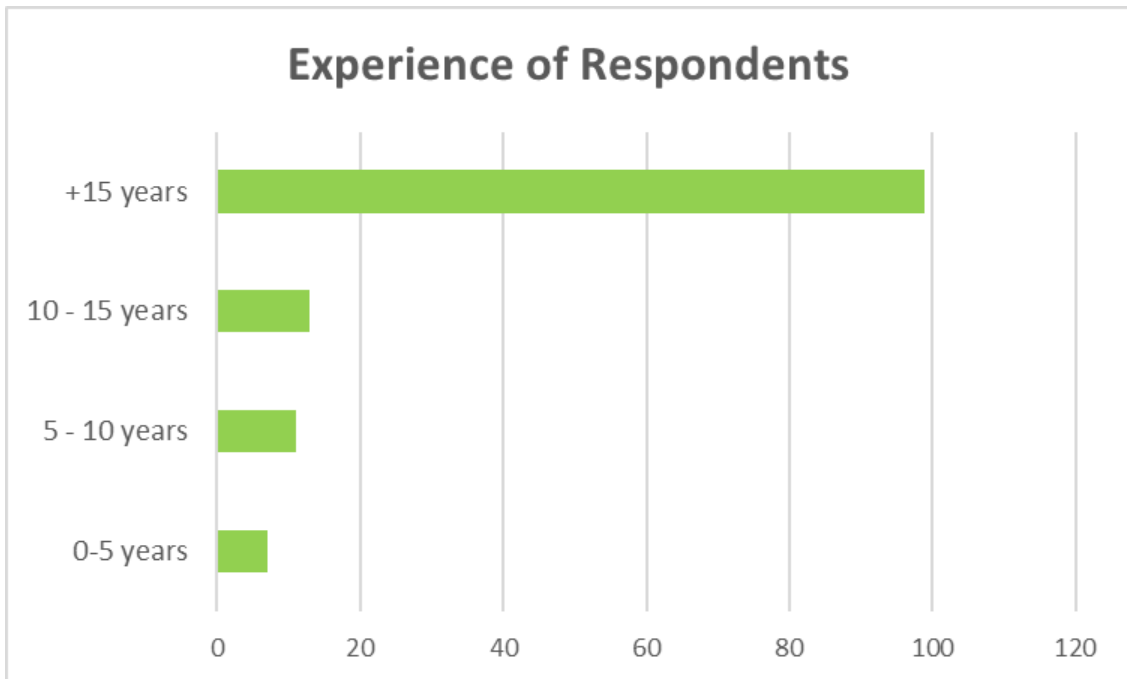
1. General Questions

Under this section, general questions regarding respondents' profile will be analysed. The main aspects under evaluation are:

- Total number of responses received per country.
- Target groups within the Construction Sector that participated.
- Age/ gender and years of experience working in the sector.

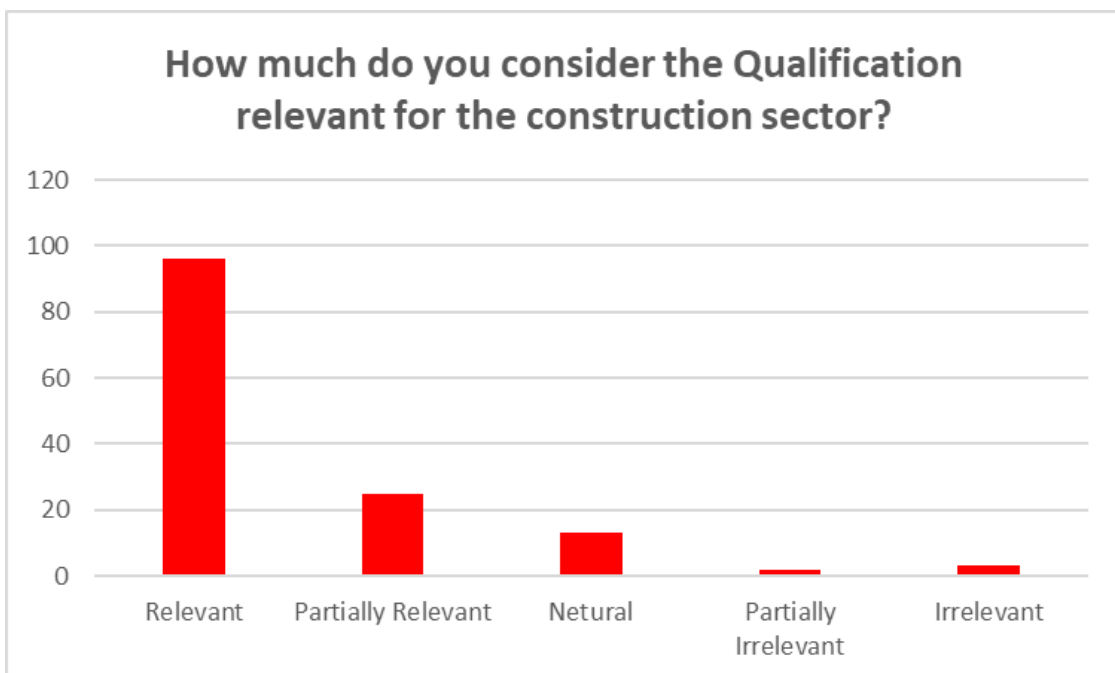


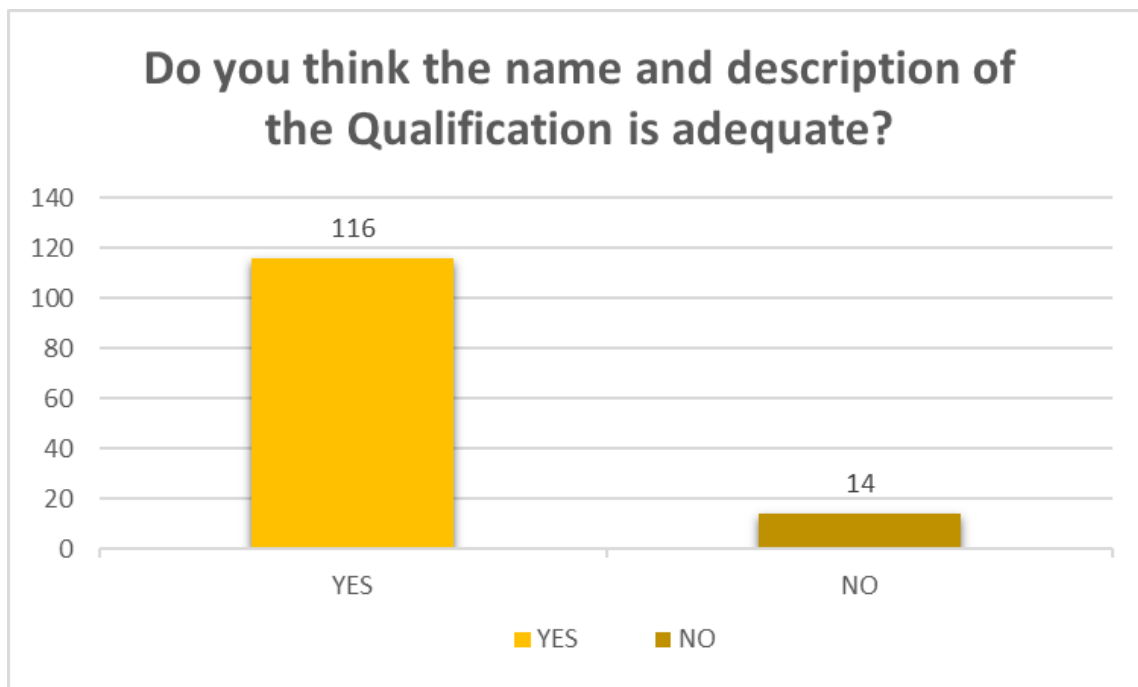




2. Analysis of the qualification

This section focuses on the responses received regarding the qualification developed. An analysis of the description and name of the qualification as well as each unit and competences will be carried out per country, summarising the aspects that should be modified and positive remarks.





3. Some comments

3.1. Italy

1. *General comments on Qualification description:*

Few remarks have been done by the respondents on specific units of competence, but these aspects have been discussed more in detail in the following and specific open answers. From the comments received on the profile per se, some are linked with the autonomy of this professional, who infrequently works alone, without collaborating with other technical profiles. Here below some of these comments are reported:

“the construction site technician does not work independently but in collaboration with superiors and other technicians of the construction chain. The technician must act and direct his activity towards compliance with the economic, timing and quality objectives required by the work and be able to warn his superiors in time for any problems that may arise”.

The observation is indeed correct, however does not take into consideration the innovative aspect of the whole project: the construction sector and the role of workers within it are changing and innovating, the Icaro project should be the driver to foster this evolution and improvement of tasks and responsibilities of the Construction site technician.

2. *Further comments*

The overall profile of Construction site technician is perfectly characterized but, according to some of the respondents, is far too complex; when considering the transposition of the working profile identified into a training programme, it is difficult to imagine to train a technician with high level of competences in all the fields considered. Maybe, it would be a possible solution to identify the “basic profile” and a certain number of specialization curricula, to deepen the competence of the trained technician only in a specific field or unit of competence.

Moreover, the respondents highlighted the relevance of building a European procedure to adopt the new profile and recognize the qualification of Construction site technician outside of the consortium of Icaro project. Finally, a mentioned topic deals with the need to change the mentality of construction companies that, especially in Italy, are **still tied to the past and to the traditional profiles**.

3.2. Lithuania

1. General comments on Qualification description:

As there is no officially defined construction site technician position in Lithuania, the comments in the survey showed that it is more reminiscent of a job description for a construction manager.

2. Further comments

Most of respondents had no comments or suggestions. Just one opinion was received indicating, that proposed qualification duplicates the engineering qualifications described in the professional standard for the construction sector and thoughts that it is not needed. However, we do not think that this view is absolutely correct, as the mentioned engineering qualification is an EQF level 7 qualification, which actually requires very in-depth knowledge.

3.3. Spain

1. General comments on the Qualification description

It is mentioned that in the description of the qualification it is important to mention that through this qualification the individual “ will be able to...” and then indicate all the competence that he/she will acquire.

Some stakeholders also pointed out that Construction Site Technician’s competences might encroach on competences of a Civil engineering in Spain. It is important to replace the word “manage” by “control”.

2. Further comments

- It should be noticed that there are huge differences between building and the diversity of public works: it would have been good to have differentiated at least the role of Building Construction Technician from Public Works Construction Technician.
- It is better to define professional competences at the generic level. The technician needs to be able to manage and supervise all types of construction systems and works phases; there is no need to go into them one by one It would be impossible to list them all.
- In cross-cutting competences, I believe the fundamental competences required for Building Technician posts should be related to, and training be provided in: leadership skills, conflict resolution, communication, management of high performance teams, stress management, for example.
- Most of the comments were very useful to better calibrate the skills of the construction technician. The partnership decided to exclude all those answers that could not be shared because they were too extreme and therefore difficult to apply and relevant to the specific individual country realities.