



SKILLS
INSTRUCT
INSTRUMENTS
CONSTRUCTION

EU-level forum for competence accreditation bodies for EE skills



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D6.3 “EU-level forum for competence accreditation bodies for EE skills”

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Glossary

Acronym	Full name
CA	Consortium Agreement
EC	European Commission
EASME	The Executive Agency for Small and Medium-sized Enterprises
GA	Grant Agreement
PC	Project Coordinator
WP	Work Package
TL	Task Leader
DoA	Description of Action
PSC	Project Steering Committee
SQM	Scientific and Quality Manager
DEC	Dissemination and Exploitation Committee
KOM	Kick-off meeting
ASM	ASM – Market Research and Analysis Centre
VTT	Technical Research Centre of Finland
LIST	Luxembourg Institute of Science and Technology
RIL	Finnish Association of Civil Engineers
CU	Cardiff University
R2M	Research to Market Solution France
DTTN	Distretto Tecnologico Trentino
ENEFFECT	Center for Energy Efficiency EnEffect
GER	General Exploitable Result
AB	Advisory Board
PM	Person month
M	Month
EE	Energy Efficiency

Table of contents

1. Introduction.....	5
1.1. Aims and objectives.....	5
1.2. Report structure	5
1.3. Contribution of partners.....	5
2. Grounds for the EU-level Forum	6
2.1. Purpose of the EU-level Forum.....	6
2.2. EU-level Forum work plan	8
2.3. Development of the EU-level forum and relation to other project activities	9
3. Management of the EU-level forum.....	11
3.1. Forum database and its structure	12
3.2. Data security and GDPR.....	12
4. Status of the EU-level forum at month 33	12
4.1. Collected contacts	13
4.2. Interested entities	14
4.2.1 FISE Qualification of Professionals in Building, HVAC and Real Estate Sector in Finland (FISE)	14
4.2.2 Ecolabelling Finland	14
4.2.3 The renewable energy institute - Galileo Master Certificate (GMC).....	14
4.2.4 DB ENERGY - White Certificates	15
4.2.5 National Agency for Vocational Education and Training (NAVET).....	15
5. Bibliography.....	15
6. Appendices	16
6.1. Appendix 1: EU-level forum invitation catalogue and structure.....	16
6.2. Appendix 2: EU-level forum database of competencies accreditation associations active in INSTRUCT countries	19

Table of figures

Figure 1 Structure of INSTRUCT EU-level forum	7
Figure 2 EU-level forum workplan.....	9
Figure 3 Example of an invitation sent to 98 accreditation bodies identified within the database	11
Figure 5 Example of the first email sent to invite accreditation bodies identified in database	13
Figure 4 Example of follow-up email sent in local language (French) by a partner (LIST)	13

Executive summary

The European project “INSTRUCT” (<https://instructproject.eu>) started in June 2020 and ends in February 2023. It aims to act at a market level by providing an operational framework and set of services serving a new generation of skilled and certified workers and fitters and paving the way to legislative changes that overall will stimulate the demand for energy skills across lifecycle and supply chains.

This report in particular describes the work that has been done within the Task 6.3: Organisation of the EU-level forum. The EU-level forum for competence accreditation bodies for EE skills has been formed with the objective of enabling knowledge transfer and mutual support for the further development of qualifications, certifications and skills-demanding procurement procedures in different European countries.

1. Introduction

1.1. Aims and objectives

This document aims at describing the “EU-level forum for competence accreditation bodies for EE skills” that has been created within the European project INSTRUCT, which global objective is to include relevant associations and organisations that are responsible for the development of qualifications and certification schemes in the member countries of the project. The forum also aims to include other relevant actors such as relevant public clients (ie. National Agency for Vocational Education and Training – NAVET, see section 4.2.5.) and cities. The main idea and purpose of the forum is to enable knowledge transfer and mutual support for the further development and scaling up of qualifications, certifications schemes and skills-demanding procurement procedures in different European countries. The role of the forum, the way it is managed, how it is developed and its current status are presented in this report.

This document is mainly meant for the Project Officer (PO) and the Reviewers of the project set by the European Commission (EC), but also for the partners of the project. They can refer to it in case of any doubt on the aims and means of the dissemination network operations.

The present deliverable is part of Task 6.3 which was ongoing throughout M13 – M24 of the project duration (June 2021 – May 2022). This deliverable being issued at month 33 (considering the project extension), it concerns the steps of implementation of the forum and its recent evolution and its development during the extension period.

1.2. Report structure

This document will first describe the grounds and role of the EU-level forum. We will then precise how it is managed and structured, before we present its current status (number of members, evolution, main topics of interest, etc.). Some perspectives on the future steps and how the consortiums will use the forum will also be shared.

1.3. Contribution of partners

R2M is the main author of this report. Moreover, CU has thoroughly reviewed the draft version and completed any missing information. All INSTRUCT project partners have contributed to contacting

associations and organisations responsible for the development of qualifications and certification schemes in their countries.

2. Grounds for the EU-level Forum

2.1. Purpose of the EU-level Forum

One of the outputs of the INSTRUCT project is the deployment and extension of different skills and registers developed in INSTRUCT as well as the repository of training modules available in EU within the Energy-Education Platform (www.energy-bim.com).

The platform offers a skills matrix related to BIM and energy efficiency, harmonising thanks to EQF standard, and a training platform contributing to disseminating the results.

The successful outreach of the Energy-Education platform has relied and will do so partly on an efficient and strategic dissemination (see deliverable D5.1 - Dissemination and Communication Strategy Report, 5.3 – Stakeholder activities final report and 5.4 – Networking activities). The EU-level Forum will echo this role, by enabling both to communicate on the project results and to obtain stakeholder inputs.

The proposed “EU-level forum”, described in chapter 2 of this deliverable and depicted in Figure 1, is envisioned to reinforce the visibility of relevant associations and organisations that are in charge of the development of qualifications, certification schemes, significant public clients and cities in INSTRUCT countries, by offering them a space for enabling knowledge transfer and mutual support for the further development and scaling up of qualifications, certifications schemes and skills-demanding procurement procedures in their countries.

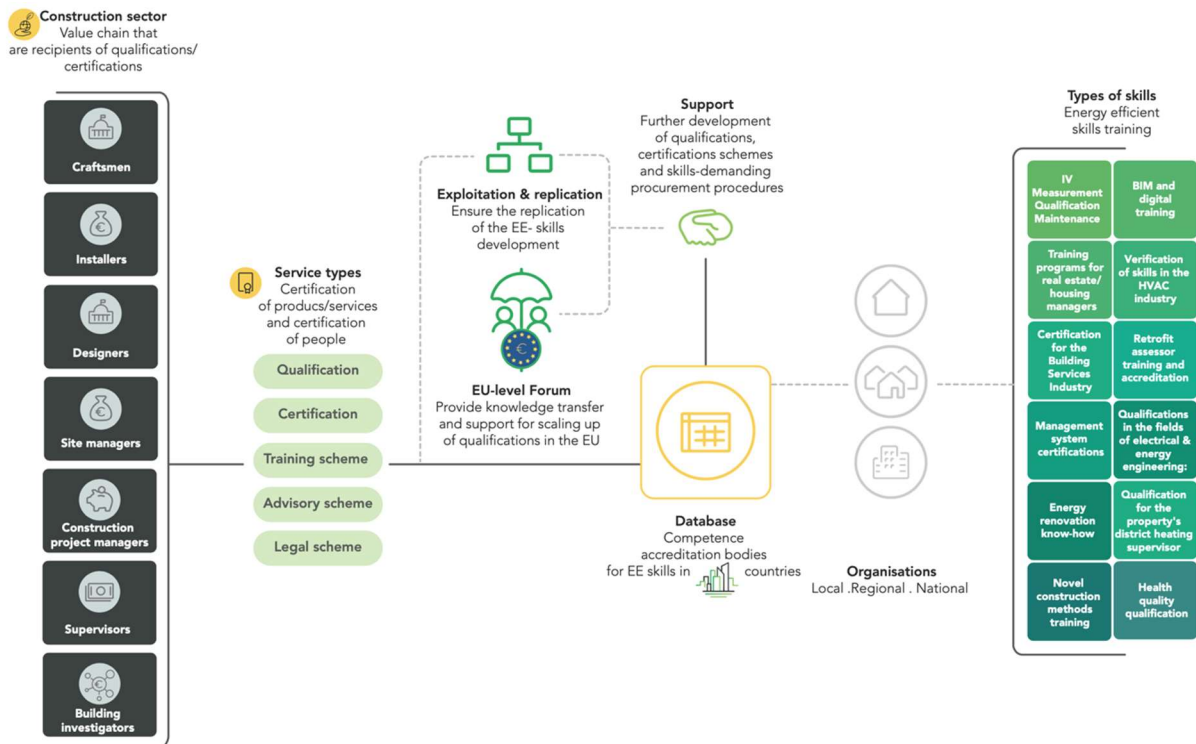


Figure 1 Structure of INSTRUCT EU-level forum (diagram designed by R2M)

• A network of key stakeholders

The INSTRUCT EU-level Forum brings together and structures a network of stakeholders across Europe that work or are interested in the expansion of EE skills of the construction value chain. Those persons, together with the organisations they represent, have very different profiles, and come from the public, not-for-profit, and for-profit private sectors. They might be as well potential beneficiaries, potential early adopters of qualification schemes, replicators, users, etc. A number of those stakeholders would like to keep being informed and maybe to participate in the project and the work carried out by the consortium.

• A mean of dissemination

The EU-level forum enables the consortium to have a direct access to the accreditation stakeholders which are dissemination targets of the project. Updates about the work carried out, documents published, participation to or organisations of events by partners, etc. are shared with the forum. This, in addition to the INSTRUCT Twitter account¹, LinkedIn account² and website³ ensures a good level of visibility and transparency of the activities carried out by the consortium and allows for the promotion of the project outputs.

• A way to contribute and expand the expertise

¹ <https://twitter.com/InstructProject>

² <https://www.linkedin.com/company/instructproject>

³ <https://instructproject.eu>

The variety of this set of stakeholders gives the possibility to have an integral and transversal approach of how to tackle the questions of how to recognise, enhance and exchange the skills and excellence of the know-how of construction sector. By joining the forum, stakeholders got the opportunity to contribute to the INSTRUCT Energy-Education platform development, through e.g., stakeholder workshops where consortium members were present, calls for adding their service inputs to the platform, or the dissemination of the project outcome. The consortium can rely on this network to widen its range of expertise, since it enables to call for complementary external competences among relevant networks at regional, national and European levels. It is also used to obtain inputs and to hear about additional good practices and local initiatives.

- **A way to keep the momentum after the project**

The INSTRUCT consortium wishes to maintain this new network of key stakeholders active, even after the end of the project in February 2023. The forum will be used to communicate on the future development of the Energy-Education platform. By enabling the networks to exchange with each other after the project, we expect to foster the expansion of the Energy-Education platform, to increase knowledge and to be able to identify and contact training providers and accreditation bodies.

2.2. EU-level Forum work plan

The EU-level forum work plan consisted of 5 different steps where a possible relevant stakeholder active in the EE skills qualifications and certification schemes could identify whether joining this forum would be beneficial for the visibility of their services (e.g. labels, accreditations for people, certifications for products, etc.).

- **Step 1:** Are you an association or organisation responsible for the development of qualifications and certification schemes?
- **Step 2:** Are you based in the EU and active in one of the instruct member countries?
- **Step 3:** Are you interested to join the instruct EU-level forum for competence accreditation bodies for energy efficiency skills?
- **Step 4:** What is instruct EU-level forum for competence accreditation bodies for energy efficiency skills?
- **Step 5:** Invitation to sustainable energy skills in construction sector 3.0: energy efficiency competencies and qualifications, sharing expertise, lessons learned, and developed methodologies. workshop at sustainable places conference

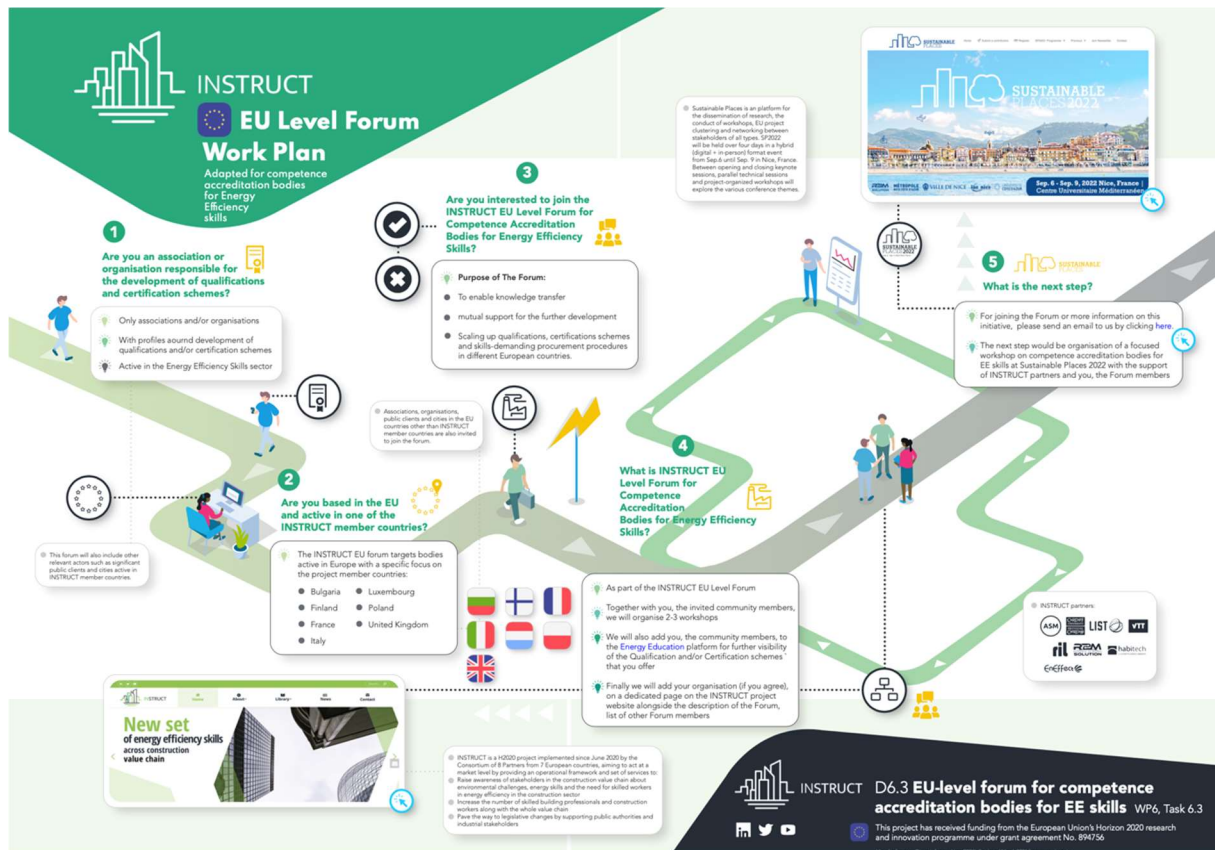


Figure 2 EU-level forum workplan (infographic designed by R2M)

2.3. Development of the EU-level forum and relation to other project activities

The accreditation bodies' contacts collected within the forum database (see section 3.1) has been contacted in 2021 with the aim of being expanded using a snowball approach. However despite the numerous national and regional contacts established by the project partners from December 2021 the forum has received positive answer to the invitation from 5 accreditation bodies. The networks of contacted stakeholders were initially based on a limited number of relevant known persons or accreditation associations or organisations recognised by desk research and some of the project partners, and kept growing by meeting people during conferences, presentations, other collaborations on related topics, etc.

Stakeholders were able to hear about the EU-level forum for instance during communication campaigns. All INSTRUCT partners have advertised about the forum within their respective networks and through direct bilateral emails.

The development, implementation, monitoring and exploitation of the accreditation bodies for EE skills is closely intertwined with the activities conducted in other Work Packages (WP) of the project:

- **WP3 – Deploying the crosscutting instruments to accelerate market uptake**

On June 16th, the INSTRUCT partners organised the [Legislative Framework for Enhancing Demand of Sustainability Skills in Building Sector](#) workshop online as part of T3.4 – Establishing partnerships with

producers, retailers and DIY. It aimed at:

- Presenting the project,
- Exploring ideas to improve policy instruments and incentives based on shared cases,
- Identifying what are the training needs, how skills are demanded in each instrument,
- Assessing gaps between real and expected skills in energy efficiency in Europe.

The communication about the workshop, from March to June 2022, was closely linked to the early developments of the EU-level forum since the target audiences for the workshop and the forum were the same. Therefore, R2M opened the event with an overview of local competence accreditation bodies for energy efficiency skills in Europe, presentation of the forum and how to get involved.⁴ The forum was therefore introduced to involved stakeholders – apart from the ones already invited in bilateral email – in this workshop.

- **WP4 – Demonstration pilots across EU**

On June 10th, 2022, Habitech organised the "BIM and digitalisation for the sustainability of real estate assets. Case studies and good practices" in-person event as part of the T4.5 – Demo 5 in South Europe, initiatives for building and home owners.⁵ It consisted of:

- Introducing the INSTRUCT project: training, skills and sustainability in construction (DTTN)
- Delivering an overview of the local competence accreditation bodies (R2M)
- Presenting an overview of digital skills for energy-efficient and low carbon buildings (LIST)
- Presenting EU BIM4REN project (R2M)

⁴ LinkedIn post of this event: https://www.linkedin.com/posts/activity-6942769999715422208-1RAs?utm_source=share&utm_medium=member_desktop

⁵ LinkedIn post of this event: https://www.linkedin.com/feed/update/urn:li:activity:6940713128598888448?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V2%2Curn%3Ali%3Aactivity%3A6940713128598888448%29

- Digitisation of existing assets (Anafyo)
- Digitisation and sustainable design (IQT consulting)
- Innovation factors for retrofit interventions (DVision Architecture)

Although the programme was mostly focused on the WP4, R2M introduced the forum and delivered an overview of its objectives as the dissemination of this event was aligned with the early developments of the EU-level forum. After this event the partners especially became aware in their pivotal role to in introducing the forum to their local and regional accreditation associations and organisations.

- **WP5 – Dissemination, communication and stakeholder engagement**

In WP5, the Forum has been introduced in particular for informing stakeholders and inviting them to participate and to contribute to some of the INSTRUCT communication and dissemination events (Task 5.4 – Co-operating and exchanging information with other national and European projects). As previously mentioned, 5 of the contacted bodies confirmed their interest in joining the forum. They also were invited to attend and contribute to the INSTRUCT clustering workshop with sister projects at Sustainable Places 2022 conference.

- **WP6 – Exploitation and replication**

This deliverable has strong relation with activities developed in WP6, since a lot of the relations listed here have been implemented in that WP. In particular, readers are recommended to consult INSTRUCT Deliverable D6.1, 6.2 and 6.4 which provides a summary of exploitation plans, roadmaps, workshops and business plans addressing activities in order to ensure that partners will act as key players in accelerating the demand for EE skills. Many of the associations and organisations responsible for the development of qualifications and certification schemes in INSTRUCT countries listed in this deliverable were identified and contacted in cooperation with the project partners.

- **Deliverables**

All public deliverables of the project will naturally be shared with the contacted members of the database that confirmed their interest in joining the forum (see the confirmed member in chapter 4), as soon as they are approved by the European Commission and made public on the project website.

3. Management of the EU-level forum



Figure 3 Example of an invitation sent to 98 accreditation bodies identified within the database

3.1. Forum database and its structure

When collecting the information regarding the competence accreditation bodies in EE skills, different information has been collected in a single Excel sheet stored in the shared repository of the project. (see section 5.2: annex 2) The areas in which information for each accreditation body were collected are as following:

- INSTRUCT member countries where the service provider is active in
- Name of the service
- Association/organisation
- Short description
- Skills (types of skills covered by this certification/qualification)
- Qualification/certification schemes
- Labelling types

These fields globally aim at assessing what the potential members can potentially exploit from the project findings. The consortium can map the different fields of expertise gathered within the forum database and understand which sectors seem particularly interesting for further exploiting activities. Also, the consortium can design better its communication campaigns, by targeting specific bodies depending on the information to be disseminated.

3.2. Data security and GDPR

Besides the name of service, labelling type, skills, qualification and certification schemes, the following information is gathered and stored in the database for each potential member of the forum:

- URL of association/organisation
- Email address
- First name
- Last name
- Organisation
- Position

This information is not shared with anyone outside the consortium. Furthermore, the privacy policy of the project is accessible on the website.⁶

As D6.3 is a public deliverable, and will be accessible via the INSTRUCT website, all the information regarding the contact persons listed in the forum database will be eliminated from the public version of this deliverable.

4. Status of the EU-level forum at month 33

⁶ <https://instructproject.eu/privacy-policy/>

4.1. Collected contacts

The EU-level forum collected 99 contacts from a total of 54 associations, organisations, significant public clients and cities that are responsible for the development of qualifications and certification schemes in the member countries of the project. All collected bodies have been contacted 2-4 times between July 2022 – September 2022. The first contacts have been initiated by R2M in English and the follow-ups have been sent by partners in local languages. 5 organisations confirmed their involvement in the forum.

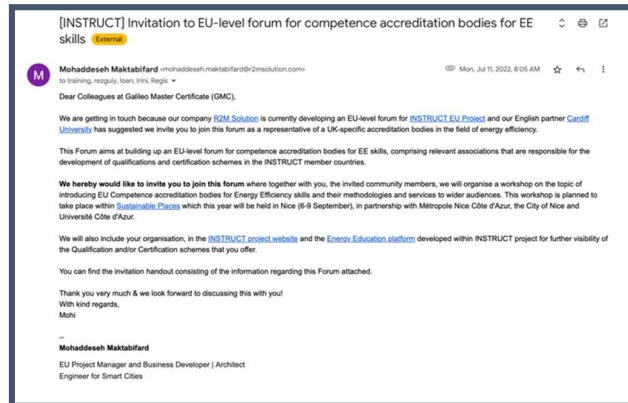


Figure 4 Example of the first email sent to invite accreditation bodies identified in database

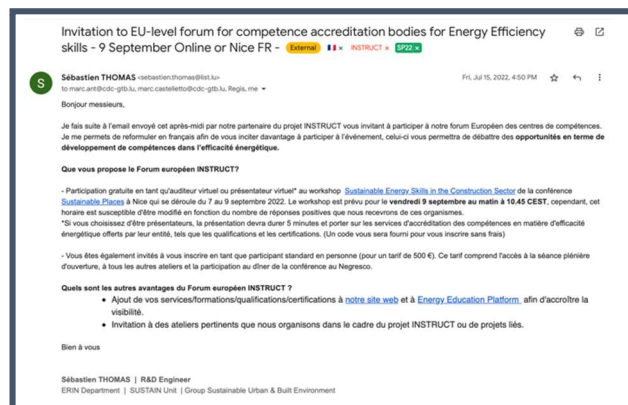


Figure 5 Example of follow up email sent in local language (French) by a partner (LIST)

R2M also invited all associations listed in the forum database to join the Sustainable energy skills in the construction sector 3.0 workshop⁷ virtually at Sustainable Places 2022 with a special invitation code free of charge. This workshop gathered 27 online participants and 15-20 in-person audiences.

In terms of location, collected bodies cover 7 countries and are from Finland, UK, Poland, France, Italy, Bulgaria and Luxembourg, which reflects the INSTRUCT consortium composition.

⁷ <https://www.sustainableplaces.eu/sp22-sustainable-energy-skills-in-the-construction-sector-3/>

4.2. Interested entities

4.2.1 FISE Qualification of Professionals in Building, HVAC and Real Estate Sector in Finland (FISE)



- **Website:** <https://fise.fi/en/certification-service/>
- **Description:** National-level accreditation body - FISE's certification services provide support for the maintenance of professional skills in the entire industry and reinforce the culture of continuous learning in the construction industry. It consists of 81 certification designations.
- **Types of skills/qualification or certification schemes/labeling types:** Qualification schemes/Certification schemes for educational organisations and training programs. The designation groups: Designers, site managers, construction project managers, supervisors and building investigators. Services include: certification for the following groups of construction project managers, general construction project manager (rap), senior general construction project manager (raps), designer of building physics, designer of concrete structures, material technical repair and alteration work, designer of concrete structures, designer of repair works to moisture damaged structures, principal designer, designer of fire safety, designer of timber structures, building designer, designer of steel structures
- **Country:** Finland
- **Contact person (optional):** -

4.2.2 Ecolabelling Finland



- **Website:** <https://www.nordic-ecolabel.org/>
- **Description:** Ecolabelling assures that the renovation projects are carried out with strict environmental requirements, good quality assurance and with regard to a good indoor environment.
- **Types of skills/qualification or certification schemes/labelling types:** Nordic Ecolabelling
The Nordic Swan Ecolabel creates sustainable solutions based on a life cycle assessment and an overall goal to reduce the environmental impact from production and consumption of goods. Tough requirements in all phases of a products life cycle and continuously tightening of these requirements to create a sustainable development is the foundation of the Nordic Swan Ecolabel, and what distinguishes the label from other labels – as well as being an official, independent and 3rd party certification.
- **Country:** Finland
- **Contact person (optional):** Riikka Holopainen (Ecolabel) - riikka.holopainen@ecolabel.fi

4.2.3 The renewable energy institute - Galileo Master Certificate (GMC)

- **Website:** <https://www.renewableinstitute.org>
- **Description:** <https://www.nordic-ecolabel.org/> The GMC exam has been administered globally since 1975, and is awarded to 5000 professionals each year, across 300 global training courses, in collaboration with 21 leading universities.
- **Types of skills/qualification or certification schemes/labeling types:** GMC is awarded to professionals working for Siemens, Energy Saving Trust, British Gas,



Nokia, Nestlé, Coca-Cola, Solar Power Scotland, British Army, United Nations Development Programme, NATO, Ministry of Defence; as well as professionals, government officials and students worldwide

- **Country:** UK
- **Contact person (optional):** -

4.2.4 DB ENERGY - White Certificates

- **Website:** <https://www.dbenergy.pl/en>
- **Description:** DB Energy is a leading company in the energy efficiency improvement sector which provides complex consulting and manages investment projects for large- and medium-scale industrial plants.
- **Types of skills/qualification or certification schemes/labeling types:** Certification on the areas of: Cooling systems modernisation, replacing the traditional lighting with LED technology, installation of systems for energy recovery, thermal efficiency improvement and technological processes automation.
- **Country:** Poland
- **Contact person (optional):** Dorota Sieron (DB Energy) - dorota.sieron@dbenergy.pl



4.2.5 National Agency for Vocational Education and Training (NAVET)



- **Website:** <https://www.navet.government.bg/en/>
- **Description:** State institutions responsible for maintaining the State Educational Standards and accreditation of vocational training centers
- **Types of skills/qualification or certification schemes/labeling types:** NAVET develops the State Educational Standards by professions that define and consist of professional knowledge, skills and competencies. It also licenses and conducts the follow-up control of the Vocational training centers (for persons over 16 years of age) and of the Centers for information and vocational guidance. NAVET's other services include: Study of European experience and good practices in the field of VET and adaptation of good practices at national level – EQF/ NQF, ECVET, EQAVET, validation of professional knowledge, skills and competencies acquired through non-formal and informal learning./ NAVET assists in the international recognition of VET documents.
- **Country:** Bulgaria
- **Contact person (optional):** Luba Ivanova (NAVET) - l.ivanova@navet.government.bg

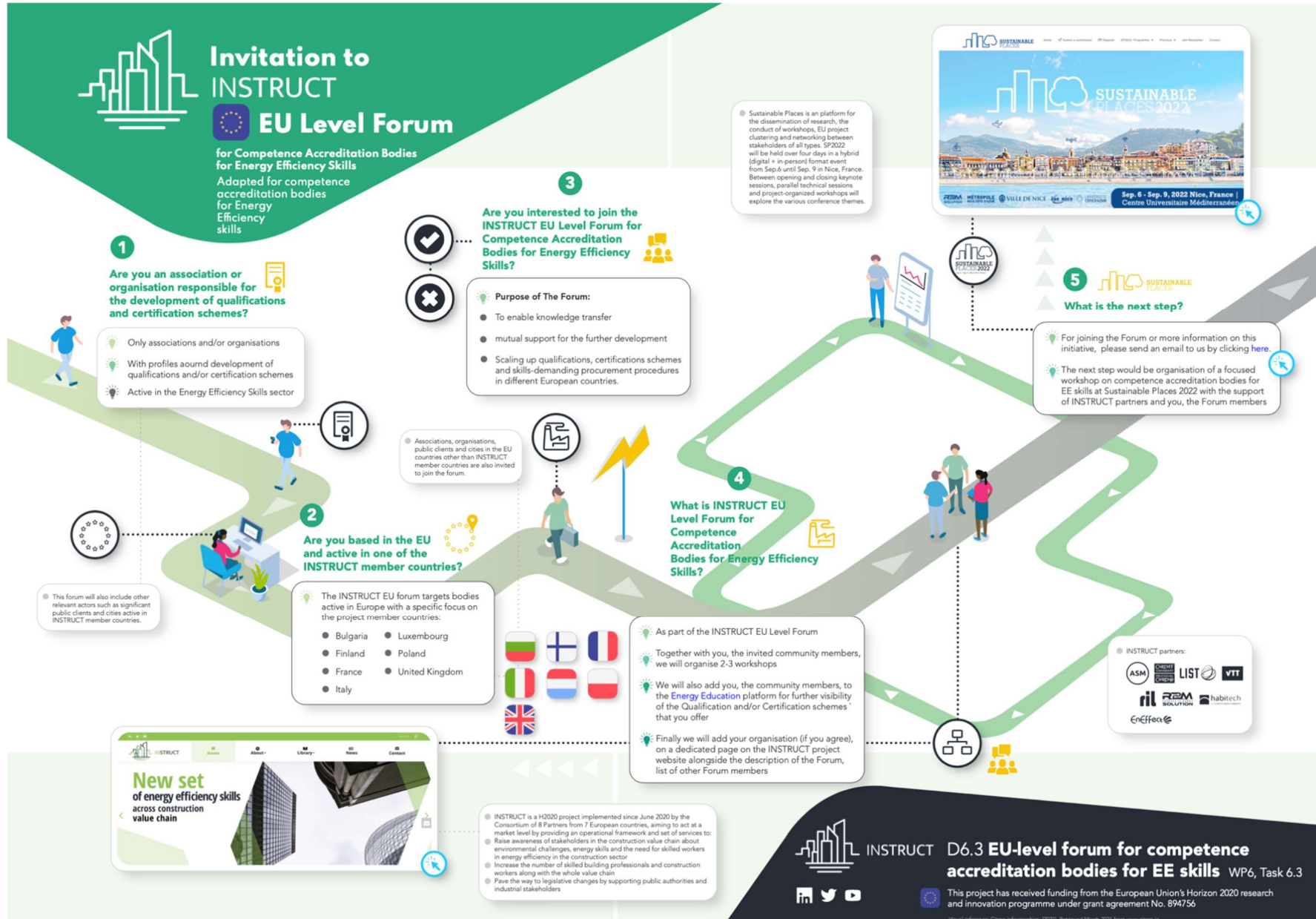
5. Bibliography

1. LinkedIn post of the “Legislative Framework for Enhancing Demand of Sustainability Skills in Building Sector workshop” online (T3.4) event : https://www.linkedin.com/posts/activity-6942769999715422208-1RAs?utm_source=share&utm_medium=member_desktop







2. LinkedIn post of the "BIM and digitalisation for the sustainability of real estate assets. Case studies and good practices" in-person event (related to Demo 5 - T4.5): https://www.linkedin.com/feed/update/urn:li:activity:6940713128598888448?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V%2Curn%3Ali%3Aactivity%3A6940713128598888448%29
3. INSTRUCT project website: <https://instructproject.eu/privacy-policy/>
4. Online page of Sustainable energy skills in the construction sector 3.0 : <https://www.sustainableplaces.eu/sp22-sustainable-energy-skills-in-the-construction-sector-3/>

6. Appendices

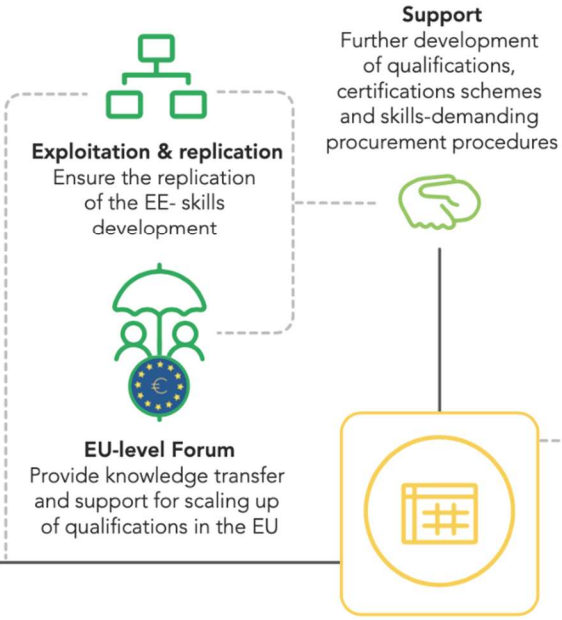
6.1. Appendix 1: EU-level forum invitation catalogue and structure



Construction sector
Value chain that are recipients of qualifications/certifications

-  **Craftsmen**
-  **Installers**
-  **Designers**
-  **Site managers**
-  **Construction project managers**
-  **Supervisors**
-  **Building investigators**

-  **Service types**
Certification of products/services and certification of people
- Qualification
 - Certification
 - Training scheme
 - Advisory scheme
 - Legal scheme



Database
Competence accreditation bodies for EE skills in countries



Types of skills
Energy efficient skills training

IV Measurement Qualification Maintenance	BIM and digital training
Training programs for real estate/housing managers	Verification of skills in the HVAC industry
Certification for the Building Services Industry	Retrofit assessor training and accreditation
Management system certifications	Qualifications in the fields of electrical & energy engineering:
Energy renovation know-how	Qualification for the property's district heating supervisor
Novel construction methods training	Health quality qualification

6.2. Appendix 2: EU-level forum database of competencies accreditation associations active in INSTRUCT countries

INSTRUCT member countries	Name	Association / Organisation	Short Description	Skills	URL	Qualifications / Certification schemes	Labeling types	Contact person	Position	Email	First contact	Second contact	
Finland	FISE, FISE Qualification of Professionals in Building, HVAC and Real Estate Sector in Finland	Organisation	National level accreditation body. FISE certification services provide support for the maintenance of professional skills in the entire industry and reinforce the culture of continuous learning in the construction industry. It consists of 81 certification designations.	<ul style="list-style-type: none"> Qualification schemes Certification schemes for professionals for educational organisations for training programs 	https://fise.fi/en/finland/	Certification service	<ul style="list-style-type: none"> The designation groups under each main group of: <ul style="list-style-type: none"> Designers Site managers Construction project managers Supervisors Building investigations 	<ul style="list-style-type: none"> 1- Concrete designer's qualification board: m.honka@fise.fi 2- Humidity damage fitness responsibility board: m.honka@fise.fi 3- Production management competence board: m.honka@fise.fi 4- Competent structure former competence board: m.honka@fise.fi 5- Construction supervisor board of competences: m.honka@fise.fi 6- Formula competency board: p.a.sahoonen@fise.fi 7- Chief design: p.a.sahoonen@fise.fi 8- Building designers qualification board: p.a.sahoonen@fise.fi 9- HVAC qualification board: p.honka@fise.fi 10- LJV qualification board: p.honka@fise.fi 11- Qualification board of distributor water supply planner: p.honka@fise.fi 12- Steel structure competence board: s.uusi@fise.fi 13- Competency board for repair of concrete structures: p.honka@fise.fi 14- Competency board of concrete laborator and prefabricated products: p.honka@fise.fi 15- Concrete element installation director qualification board: p.honka@fise.fi 16- Concrete board for repair of concrete structures: p.honka@fise.fi 17- Concrete floor former competency board: p.honka@fise.fi 18- Board of competences for wood structures: p.honka@fise.fi 19- Rock structure competence board: p.honka@fise.fi 20- Building physics designer competency board: p.honka@fise.fi 21- Competency board of the housing condition inspector (AKI) and building condition assessment (PKA): honka@fise.fi 22- General Auditor (RAP and RAPSP): honka@fise.fi 	CEO Timo Korhonen	timo.korhonen@fise.fi			
Finland	Kinestesitilito, The Finnish Real Estate Association	Association	The central association for property owners and landlords. 24 member associations: 23 of which are local and represent housing companies in different parts of Finland, and one national (The Finnish Landlord Association) which represents private landlords and real-estate investors. Today there are over 30,000 member-owned properties in Finland, which are home to	<ul style="list-style-type: none"> Advisory schemes Legal schemes Training schemes like Qualified member of the board of housing company: https://www.kinestesitilito.fi/ hyvaksytyylyskyttonhallituksen jaaen.pdf. 	https://www.kinestesitilito.fi/	Qualified by the association	Qualified member of the board of housing company	Finland Real Estate Association. The designation groups under each main group of: <ul style="list-style-type: none"> Property managers Real Estate associations 		info@kinestesitilito.fi	11.7.2022	02.9.2022	Positive
Finland	Isännöintiliitto, The Finnish Real Estate Management Federation	Association	The central association for property owners and real estate manager services. Holds an industry qualification for real estate manager/ house managers	<ul style="list-style-type: none"> Training schemes and programs for real estate managers/housing managers: https://www.isannointiliitto.fi/palvelu-ammattialalla/isannointikayttajien-sanoittalan-koulutukset-ja-tutkimus/ 	https://www.isannointiliitto.fi/	Qualified by the association	Authorized Property manager qualification. Qualification body here is: Authorization of Property and housing management (Isännöintimääräyskeskus ISA ry).				11.7.2022	02.9.2023	
Finland	Rakli, the Finnish Association of Building Owners and Construction Clients	Association	Rakli is an association for professional property owners and building manager companies. It coordinates the activities of the Finnish Council of Shopping Centres, The Finnish Association of Student Housing Organisations SOA, the Finnish Association of Construction Management Companies and the Finnish Facility Management Association FIFMA. Rakli is also a member of a number of international organisations.		https://www.rakli.fi/etajamien-kahtamien/	Qualified by the association	K.A. Sertifikaatiot Oy. Certified Property Manager				11.7.2022	02.9.2024	
Finland	LVI- liito, SULVI, The HVAC Association of Finland, SULVI	Association	- A trade union for people who work in the field of HVAC. - Member of SCANVAC (Scandinavian Associations of HVAC Engineers), REHVA, ASHRAE and other international organisations. - Offers certification services	<ul style="list-style-type: none"> Verification of skills in the HVAC industry. (as a sectorial organization for FISE Qualification of Professionals in Building, HVAC and Real Estate Sector in Finland) 	https://sulvi.fi/	Certification scheme	<ul style="list-style-type: none"> HVAC Qualification Board (VVSU, KVVUSU, VTY, KVVY, ET, HKU, KYL) LJV Qualification Board (LVKU) VHS Qualifications Board (VHS) Qualification training for the energy's elect. heating supervisor IV Measurement Qualification Maintenance IV-qualification qualification: (Vvsystem inspection and cleaning) 			sulvi@sulvi.fi	11.7.2022	02.9.2025	
Finland	Eurofins Expert services	Group of companies	Provides professional certifications. Practical skills connected to achieving quality safety and energy efficiency in new built and renovation projects. Eurofins offers the professional certificates and maintains the registers. The publish the certificates and approvals we issue at www.sertifikaatit.fi	<ul style="list-style-type: none"> Functionality approval Testing 	https://www.eurofins.fi/raportit/raportit-kentamien/	Professional certifications and schemes	<ul style="list-style-type: none"> Construction certificate for builders and experts, e.g. workers for tightness of the structures and joints, building supervisors for sanitary spaces, workmen for the waterproofing of sanitary spaces, thermal scanning surveyors, moisture scanning surveyors, experts for healthy buildings, experts for indoor air quality. 	Tina Ala Rakentamisesitekaatit	Certification and product approval of construction products team	Certificate@eurofins.fi	11.7.2022	02.9.2026	
Finland	Eurofins Expert services	Group of companies	Provides product and material certificates and product approval as well as testing and inspection services for the entire construction industry. We publish the certificates and approvals we issue at www.sertifikaatit.fi .	<ul style="list-style-type: none"> Functionality approval Testing 	https://www.eurofins.fi/raportit/raportit-kentamien/	Product or material certification	<ul style="list-style-type: none"> Functionality of buildings Certification and product approval of construction products (CE marking, EEA approval, Product certificate, Site-specific certification) Certification and product approval of construction products Construction certificate for builders and experts Testing of construction products Testing of building materials Testing of building technology products Structural testing 	Mikko Saari Risto Kouvusari	Certification and product approval of construction products team	Certificate@eurofins.fi	11.7.2022	02.9.2027	
Finland	Motiva	Company Energy Agency	Motiva is a state owned company focusing on sustainable development. It provides the public sector, businesses, municipalities and consumers with information, solutions and services that allow them to make resource-efficient, effective and sustainable choices. National BUILD UP skills network partner. Provides new learning materials about eco and energy efficiency for building: https://www.motiva.fi/en/public_sector/building_about_energy_in_a_smart_way . Motiva's service areas: acceleration of systemic changes acceleration of energy-efficiency and energy transition encouraging material efficiency and circular economy contributing to sustainable	<ul style="list-style-type: none"> Motiva organises two large-scale theme weeks every year: the national Energy Awareness Week and Mobility Week, which function as good platforms for the training of personnel and communication with residents. Motiva offers companies training related to energy and material efficiency and seminars on topical subjects throughout the year. Training events held on annual basis include: <ul style="list-style-type: none"> Basic course for energy auditors Public sector training Materials audit training 	https://www.motiva.fi/en/energy/	Qualification scheme + standard documents for energy audits	<ul style="list-style-type: none"> Energy auditors for buildings. Qualification for the role of Responsible Expert in Motiva- energy audits, supported by Ministry of Economic Affairs and Employment of Finland. Materials auditors(?) 	Imeli Mikkonen (EE skills development and networks), Senior Expert		imeli.mikkonen@motiva.fi	11.7.2022	02.9.2028	
											11.7.2022	02.9.2029	

INSTRUCT member Countries	Name	Association / Organisation	Short Description	Skills	URL	Qualifications / Certification schemes	Labeling types	Contact person	Position	Email	First contact	Second contact	
Finland	Ecolabelling Finland	Company	Ecolabelling for 55 product types. Also Renovation, small houses, apartment buildings and schools and preschools. Assures that the renovation projects are carried out with strict environmental requirements, good quality.		https://www.motiv.fi/en/colabelling/ https://suojenmerkki.fi/tyyryys/	Labeling of products, also whole buildings	https://www.nordic.ecolabel.org/	Rikka Holopainen	Managing Director, Ecolabelling Finland	riska.holopainen@ecolabel.fi	11.7.2022	02.9.2030	Positive
UK	Galileo Master Certificate (GMC)	EE Accredited Centre - The Renewable Energy Institute	Awarded by the Renewable Energy Institute to participants of professional training courses, allowing them to work in the renewable energy and energy efficiency sectors. Can be achieved by participating in the approved Professional Short Courses run by high-standard institutions.			Qualifications	A Nordic Swan Ecolabelled renovation guarantees that the renovated building has: Low energy consumption after renovation. Good indoor environment and low emissions of hazardous chemicals. Survey environmental analysis before the renovation and that hazardous substances and waste have been properly disposed of. Building materials, materials and chemical products meet high environmental and health requirements. Promoted reuse of construction products and materials.	General		training@renewableinstitute.org	11.7.2022	02.9.2031	Positive
UK	Energy Efficiency Assessments	UK Certification	Offers qualifications, assessment and certification services for the gas, oil, electrical, plumbing and heating trades	Qualification and Certification for the Building Services Industry	https://www.ukcertification.org/courses/energy-efficiency/	Certification				info@etraining.co.uk info@certificationtraining.co.uk info@ctraininglimited.co.uk	11.7.2022	02.9.2032	
UK	Ableskills	Ableskills Accreditation centre	An accredited centre securing approval to deliver qualification training	City & Guilds EAL CITB BPEC Electrical training	https://www.ableskills.co.uk/	Qualification	Electrician courses Plumbing courses Carpentry courses Plastering courses Masonry courses Bricklaying courses Gas engineer courses Tiling courses Multi skills courses Decorating courses Homestudy courses	General		he@ableskills.co.uk https://www.ableskills.co.uk/contact	11.7.2022	02.9.2033	
UK	BEIS Skills Training Competition scheme	UK Government	The training covers retrofit assessor training and accreditation. Elmhurst is providing retrofit assessor training and accreditation for professionals accredited as Domestic Energy Assessor. The training is delivered online.	"The training covers retrofit assessor training and accreditation." Elmhurst is providing retrofit assessor training and accreditation for professionals accredited as Domestic Energy Assessor. The training is delivered online.							11.7.2022	02.9.2034	
Poland	DB ENERGY - White Certificates	Company	DB Energy is a leading company in the energy efficiency improvement sector which provides complex consulting and manages investment projects for large- and medium-scale industrial plants. How are WC granted? 1. A company enters on a declaration to implement a project. 2. An audit 3. Filing a motion 4. Project implementation 5. Completed implementation/post-completion audit 6. Declaration on project implementation and a motion to have the certificates listed on the Polish Power Exchange 7. White certificates trading	- Confirmation for having implemented projects to reduce energy consumption (issued under the Energy Efficiency Act of May 20 2016)	https://www.dbenergy.pl/en	Certification	- Cooling systems modernisation. - Replacing the traditional lighting with LED technology. - Installation of systems for energy recovery - Thermal efficiency improvement. - Technological processes automation.	South: Marcin Karkowski North: Alicja Walkowicz Maruzsz Pihan	Specialists in South and North regions - Poland	General: biuro@dbenergy.pl Commercial: biuro@dbenergy.pl South region: marcin.karkowski@dbenergy.pl North region: alicia.walkowicz@dbenergy.pl maruzsz.pihan@dbenergy.pl	11.7.2022	02.9.2035	Positive - asked
Poland	AP4 Group	Company	leader on the market of intelligent industrial automation and building management systems	Ap4Industry is the construction, development and modernization of production lines as well as stand-alone industrial automation devices.	https://www.ap4group.pl/en					info@ap4group.pl	11.7.2022	02.9.2036	
Poland	Build Desk	Company	BuildDesk Energy Certificate Professional (BDEC PRO) is a program used for energy analysis of buildings or premises. BDEC PRO prepares an energy certificate in accordance with the Regulation of the Minister of Infrastructure of 18 March 2015 on the methodology for calculating the energy performance of the building, the designed energy performance in accordance with the Regulation on the scope and form of the construction project of 25 April 2012, as amended and a study on thermal and humidity properties, both for individual partitions and the entire building.	Energy certificate	https://builddesk.pl	Build desk energy certification	Program for energy analysis of building or premises				11.7.2022	02.9.2036	
Poland	Konсорјum Energetyczne (Energy Consortium)	Company	Konсорјum Energetyczne (Energy Consortium) was established in 2010 to meet the expectations of our customers who are aware of the fact that energy costs – being an important item in the annual budget – can be controlled and reduced just like any other operating cost in organizations.	Building energy certificate	https://konсорјumenergiczne.pl/en	The building energy certificate is a document drawn up on the basis of the building's energy efficiency assessment. The energy assessment includes: external partitions and windows heating installations ventilation installations air-conditioning installations lighting	The building energy certificate		info@builddesk.pl	11.7.2022	02.9.2037		
Poland	EnerMet	Company	A body that performs professional measurements and periodic and acceptance inspections of HV and MV electrical installations.	Preparation of energy performance certificates of buildings	https://enermet.pl	Preparation of energy performance certificates of buildings	EPC			biuro@maxfinans.pl biuro@enermet.pl	11.7.2022	02.9.2038	
Poland	Etopias Energy	Company	Provider of white certificates White Certificates can significantly improve the profitability of pro-efficiency investments. Audit of energy efficiency and completion of the necessary documentation submitted in a timely manner allows you to obtain an energy efficiency certificate, and after the end of the investment - co-financing.	Strategies and audits Feasibility study Energy audit of the company White Certificates Climate neutrality strategy	https://etopiasenergy.pl	White certificates	Energy efficiency support system				11.7.2022	02.9.2039	
Poland	PCA	Organisation	Polish Centre for Accreditation	Training PCA customers and potential customers Potential PCA auditors	https://www.pca.gov.pl	Training for auditors				biuro@etopiasenergy.pl sekretariat@pca.gov.pl	11.7.2022	02.9.2040	
											11.7.2022	02.9.2041	

INSTRUCT member Countries	Name	Association / Organisation	Short Description	Skills	URL	Qualifications / Certification schemes	Labeling types	Contact person	Position	Email	First contact	Second contact
France	QUALIBAT	Association	QUALIBAT's mission is to promote reliability in the French building industry. Through its qualification and certification labels, it promotes a selection of companies of all specialties and of all sizes that have demonstrated their skills and know-how.	QUALIBAT offers companies the opportunity to acquire: professional qualifications; business certifications; management system certifications. QUALIBAT professional qualifications constitute the recognition of the skills of the company, of its capacity to carry out work in a given activity, at a defined level of technicality.	https://www.qualibat.com/	Certification	The QUALIBAT nomenclature is constantly updated, either to update definitions or to create new specialties. Normative and technical developments, but also forward thinking of the committees (made up of all the players in the sector) are the driving forces behind these developments. It adapts to all the needs and obligations of the sector. It is organized by large families of work numbered from 1 to 9: 1. Site preparation and infrastructure 2. Structure and Structural Work 3. Outer casing 4. Close Divisions-Development 5. Technical equipments 6. Finishes 7. Thermal-acoustic-refrigeration insulation 8. Energetic performance 9. Global offer			contact@qualibat.com		
France	QUALIFELEC	Association	QUALIFELEC is the French qualification body for electrical energy and digital engineering companies.	Qualifelec delivers qualifications in the 5 major fields of electrical and energy engineering: High Currents, Weak Currents, Electrical equipment excluding RE, Renewable Energies and Infrastructures.	https://www.qualifelec.fr/	Qualifications	The qualification assesses the ability of a company to carry out specific work, in accordance with the rules of the art, standards and regulations in force. It attests to its technical capacities and professionalism, on the basis of controlled and regularly updated information.			contact@qualifelec.fr	11.7.2022	02.9.2042
France	QualiEnR	Association	QualiEnR is the French association for the quality of installation of renewable energy systems.	Qualifelec delivers a wide range of ROE (Rocrois garantis de l'environnement) labels intended to promote the know-how and skills of certain professionals in the energy renovation sector.	https://www.quali-enr.org/Secours/accueil-qualifications-roe/	Qualifications	Qualiso for the installation of solar heaters or solar water heaters QualiPV for the installation of photovoltaic solar panels Qualiso for the installation of independent or hydraulic wood-burning appliances QualiRAC for the installation of heat pumps and thermodynamic water heaters Qualiforage for the realization of geothermal boreholes Heating for the installation of condensing and co-generation boilers Ventilation+ for the installation of mechanical ventilation.			formation@quali-enr.org	11.7.2022	02.9.2043
France	ECO Artisan®	Association	ECO Artisan® is a brand launched by the CATEB (French confederation of Crafts and Small Building Enterprises). It is also a transversal ROE qualification that is to say it covers several trades.	All craft businesses can request the label: masons, painters, roofers, tilers, carpenters, electricians, plumbers, plasterers, etc.	https://www.eco-artisan.nat.fr/	Certification	The ECO Artisan® label will have to commit to improving energy performance, solving on efficient solutions and the quality of his services and works. The independent organization Qualibat, will then verify, via a control audit, that the craftsman complies with his commitments in order to issue him with his Eco Artisan qualification.			capeb@capeb.fr	11.7.2022	02.9.2044
France	Qualitel	Company	Since 1974, QUALITEL French non-for-profit organization has worked with housing professionals to promote the quality of housing through its certification, training and assessment activities	A wide range of trainings are proposed including on: -BIM and digital -Energy and Environment -Level construction methods -Health quality -Regulation, certifications, labels	https://www.qualitel.com/profession/nat/	Qualifications & certification schemes	QUALITEL has its training QualiLogo-certified. Also it is accredited "FEEBAT" for its "FEEBAT RENOVE" training - https://www.feebat.org/	Stéphanie NÈGRE	Direction Stratégie Numérique, Projets et Systèmes d'Information	s.negre@qualitel.org	11.7.2022	02.9.2045
France	Certivea (subsidiary of CSTB, the French Scientific and Technical Center for Buildings)	Company	A subsidiary of CSTB - Scientific and Technical Center for Building, Certivea is the benchmark for assessment and certification for non-residential buildings: offices, sports, cultural or health facilities, schools, hotels, shops, logistics.	Certivea, in partnership with CSTB Formations, offers training to support building and regional professionals in their adaptation to the challenges of sustainable development for all their construction, renovation, operation and development projects. The training courses ensure the professionalization of everyone in the acquisition of new skills essential to meet the challenges of energy, environmental, social, economic and digital transitions. Four types of training are offered: Relevant training, Building related training, Training related to Territories and Quality of life training.	https://www.certivea.fr/services/for-mations/	Qualifications & certification schemes	Certivea is the only certification body in its field to involve third-party auditors to verify performance requirements. Certivea is accredited by COFRAC, the French accreditation committee.	Patrick Nossent, Christophe Gérard	D ; Head of R	patrick.nossent@certivea.fr ; christophe.gerard@certivea.fr	11.7.2022	02.9.2046
France	CSTB Training	Organisation	A public establishment serving innovation in the building industry, the CSTB, Scientific and Technical Center for Building, carries out four key activities: research, expertise, evaluation and dissemination knowledge, organized to meet the challenges of energy transition in the construction industry.	CSTB Formations, a construction specialist, supports you through 7 themes to meet the challenges of environmental, energy and digital transitions: Ecological transition Digital transition Regulations Conduct of operations Technical products and processes Health-comfort Prevention of pathologies	https://formations.cstb.fr/accueil-sommaires-nous/	Qualifications	In partnership with Certivea (see above), CSTB Training offers several "Referent" Environmental / BIM / Smart / Living environment	Patrick Morand	Head of CSTB Formations	patrick.morand@cstb.fr	11.7.2022	02.9.2047
France	Cofrac	Association	In the field of occupational safety and health, the accreditations issued relate exclusively to policies for the prevention of occupational accidents. They concern the control activities carried out in companies, or the prerequisites necessary for service providers to carry out training or intervention in work environments at risk for the safety or health of workers.	A wide range of accreditations are proposed: - Energy security - Prevention of risks - Management systems - Digital transition - Validation and verification - Occupational health and safety - etc.	https://www.cofrac.fr/	Certification	- Certification of people - Certification of products and services	-	-	https://www.cofrac.fr/faq-cofrac/	11.7.2022	02.9.2048
France	La Solve	Organisation	certified and delivering files of Renovation Manager, insulation experts and Heat and cooling systems expert.		https://www.la-solve.com/			Ariane Komorn	CEO	ariane@la-solve.com	11.7.2022	02.9.2050

INSTRUCT member Countries	Name	Association / Organisation	Short Description	Skills	URL	Qualifications / Certification schemes	Labeling types	Contact person	Position	Email	First contact	Second contact
France	ISQ	Organisation	Qualiopi: Certification of service providers playing out actions contributing to the development of skills on the basis of a benchmark national quality. If they want to benefit from public and/or pooled funds. Qualiopi is aimed at all service providers who contribute to the development of skills. Training organizations (OF) Apprenticeship training centers (CFA) Skills assessment (SC) providers Providers of actions to validate prior experience (VAE) OPOCF: The OPOCF was created in 1994 with the support of the Ministry of Labor and the Federation of Vocational Training. The ISQ, through its OPOCF brand, aims to issue a qualification to training organizations allowing them to have their skills and professionalisms recognized. OPOCCM: The ISQ, through its OPOCCM brand, aims to issue a qualification to consulting firms, thus enabling them to have their skills and professionalism recognized. This qualification judges a relationship of trust between the client and the advice provider.	Contributes to the development of wide range of skills	https://www.qualification.com/	Certification	Qualiopi - OPOCF - OPOCCM	Pierre Pariente	President at ISQ quality of individual services	info@qualification.com https://www.qualification.com/		
Italy	Accredia	Organisation	Accredia represents all stakeholders in accreditation activities, from Public Administrations to accredited entities, from business organizations to consumers. Accredia has 68 members and they represent all the parties involved in the accreditation and conformity assessment activities carried out by the bodies and laboratories.	The certifications under accreditation ensure the compliance of systems, processes, products, services and people with the requirements set by international norms and standards.	https://www.accredia.it/	Certification	- Management systems certifications - Certifications of products and services - Certifications of people			info@accredia.it marketing@accredia.it	11.7.2022	02.9.2051
Italy	Cepas	Institute	A Competence and Training Certification Institute to respond to the market's need to enhance professional activities with the maximum guarantee of competence and experience. CEPAS is a "Full Member" of IFC (International Personal Certification Association), the only association that worldwide groups together the most important Certification Bodies for Auditors and Training Courses as well as some Accreditation Bodies.	Contributes to the development of wide range of skills	https://www.cepas.it/	Qualifications	- Energy management systems - Environment - Power - Construction and Infrastructure - HSE management - Safety - etc.			communication@cepas.it https://www.cepas.it/	11.7.2022	02.9.2052
Italy	Certifico - EGE certification	Organisation	Competence Certification Institute in energy management	The EGE certification attests the skills of the professional figure who deals with the efficient management of energy use	https://www.certifico.com/	Certification	- Energy management - Industrial sector - Civil sector			marco.mazzoni@certifico.com paolocaputo@certifico.com marco.gentile@certifico.com giuseppe.zappal@certifico.com cecilia.tarantini@certifico.com patrizia.fili@certifico.com info@certifico.com	11.7.2022	02.9.2053
Italy	CasaClima	Organisation - Energy Agency	Center of excellence for energy efficient and sustainable construction and renovation widely recognized throughout Italy and increasingly on an international level. As a pioneering institution in this field, CasaClima has been consistently evolving its standards since 2002, and has created a wide range of quality seals for building products and building certifications that describe sustainable construction in a more holistic approach.	A very central pillar is the education and training of planners and craftsmen on the topics of energy-efficient and sustainable construction. So far, more than 40,000 participants have made use of the Agency's broad range of training courses.	https://www.agenciaclima.it/	Qualifications & certification schemes	- Certification as a "CasaClima Consultant" (different degrees: basic and advanced) training for designers on the CasaClima standards up to the CasaClima Energy Consultant level. - Many different in-depth courses according to the Agency. They are intended for professionals, craftsmen, enterprises, designers.			info@agenciaclima.it	11.7.2022	02.9.2054
Italy	Ente Bilancio di Certificazione (en.i.c.)	Organisation - Certification Body	Independent third party certification body which, following an assessment procedure, issues a certificate giving assurance that a worker complies with the requirements specified in its certification schemes. It may also qualify training courses provided by entities operating in accordance with the contents of its qualification schemes.	It issues EGE certifications compliant with UNI 11339:2009 and the Italian Legislative Decree 102/2014 against an evaluation process based on qualifications and examinations	https://www.entebilanciocertificazioni.it/	Qualifications & certification schemes	- Energy Management			info@entebilanciocertificazioni.it	11.7.2022	02.9.2055
Bulgaria	National Agency for Vocational Education and Training (NAVET)	Organisation - State Agency	State institutions responsible for maintaining the State Educational Standards and accreditation of vocational training centers	Administering qualification of blue-collar workers and installers in the professional areas of construction and electrical engineering & energy centers	https://www.navet.bg/	Administrating qualification schemes for EQF 1-4				info@entebilanciocertificazioni.it	11.7.2022	02.9.2056
Bulgaria	Professional high schools and Vocational training centers	Organisation	educational and training institutions providing qualification services for related professions (S&Z Construction and S&Z Electrical Engineering and Energy Sector)	Providing qualification services for blue-collar workers and installers in the professional areas of construction and electrical engineering & energy centers	n/a	Qualification services for EQF 1-4				navet@navet.bg	11.7.2022	02.9.2057
Bulgaria	Ministry of Education and Science	Organisation - Ministry	Accrediting educational programmes of higher educational establishments	Administering qualification schemes for related professions at EQF 5-8	https://www.moes.gov.bg/	Administrating qualification in EQF 5-8					11.7.2022	02.9.2058
Bulgaria	Sustainable Energy Development Agency	Organisation - State Agency	Maintaining registers for installers of renewable systems and certified energy auditors (accreditation and certification scheme set in Ordinance to the Energy Efficiency law)	installers of RES installation, energy auditors	https://www.veea.gov.bg/	Maintaining registers of certified professionals				office@veea.gov.bg Rumelias@veea.gov.bg MSInforma@veea.gov.bg Techno@veea.gov.bg Pauly@veea.gov.bg Kuliyeva@SEEA.gov.bg Nyancova@SEEA.gov.bg Stancheva@veea.gov.bg	11.7.2022	02.9.2059
Bulgaria	European projects: BUILD UP Skills EnerPro, Train-to-eZEB, Fit-to-eZEB	Organisation - project partners (EHEED, Bulgarian Construction Chamber, University of Architecture, Civil Engineering and Geodesy, various professional high schools and vocational training centers)	Developing short qualification and certification schemes	energy efficiency in buildings, renewable energy	https://www.buenergypro.com/ www.train-to-eezb.com www.fit-to-eezb.com	Qualification on part of professions Recognition of skills acquired at the workplace Certification on behalf of the project, not linked to the national qualification system Certification on private international schemes - e.g. Certified Passive House Tradeperson					11.7.2022	02.9.2061

INSTRUCT member Countries	Name	Association / Organisation	Short Description	Skills	URL	Qualifications / Certification schemes	Labeling types	Contact person	Position	Email	First contact	Second contact
Bulgaria	Certification on private schemes	Organisation - e.g. Passive House Bulgaria, Bulgarian Green Building Council	Providing certification on recognised international schemes	energy efficiency in buildings, renewable energy, green buildings design	https://www.passivehousebg.com/ https://www.bulgariangreenbuilding.org/	Certification on private international schemes - e.g. Certified Passive House Designer/Consultant, DGNB/LEED/BREEAM designer				office@passivehousebg.com office@bgbc.bg	11.7.2022	02.9.2062
Bulgaria	PVTRN	Organisation	The PVTRN training and certification scheme, creating a qualified installer workforce, supports the European Photovoltaic industry in addressing the need for skilled technicians. It will, initially, be implemented in six (6) countries: Greece, Bulgaria, Croatia, Cyprus, Romania and Spain, incorporating the criteria set by the 2020/2021 Directive for qualification schemes in each Member State, as well as the national legislation. The PVTRN is supported by the Intelligent Energy Europe programme of the European Commission.	Qualification of installers in the workforce, supporting the European Photovoltaic industry	http://www.pvtrn.eu/home/index.html	Certification	The course consists of two parts, the theoretical and practical training and covers the following areas: - Solar energy basics - Design principles - BAPV and BPV - Installation-Safety - Maintenance and troubleshooting - Case studies/best practices - Example installation of a small scale PV in building - Quality management and customer care	Professor Theodoris Tsoutsos Renewable and Sustainable Energy Systems Lab Technical University of Crete University Campus, Kounoupidiana 73 100 Chania, Greece	PVTRN Project Coordinator	info@pvtrn.eu tsoutsos.theodoris@tecmvna.tuc.gr bulgaria_sofia_energy_certification@pvtrn.eu	11.7.2022	02.9.2063
Luxembourg	Centres de Compétences Génie Technique du Bâtiment (GTB) et Parachèvement (PAR) - Cccg/bt	Organisation	The Technical Building Engineering (GTB) and Completion (PAR) Competence Centers meet the continuing professional training needs of craftsmen and more generally of all those who wish to acquire new skills. In fact, specialized in technical engineering and finishing, the training offered by the Centres now extends, since 2019, to management, digital and soft skills.	- New craft techniques and technologies - Management - Softskills - Digitalisation - Health - Safety and machinery	https://www.cccg/bt.lu/	Certification	- Handicraft competence	Marc Ant Marc Casteharto	Managing Director Deputy director	marc_ant@ccg-bt.lu marc.casteharto@ccc-bt.lu https://www.cccg-bt.lu/contact/	11.7.2022	02.9.2064
Luxembourg	IFSB - Institut de Formation Sectoriel du Bâtiment	Organisation	This training center meets the continuing professional training needs of craftsmen (structural work and finishing) of the building sector. The training offered by IFSB now extends to BIM use for craftsmen.	- New craft techniques and technologies - Management - Softskills - Digitalisation - Health - Safety	https://www.ifsb.lu	Certification	- Handicraft competence	Bruno Renders	Managing Director	https://www.ifsb.lu/rouc-contact/	11.7.2022	02.9.2065
Luxembourg	CRTB (Centre de Ressources des Technologies et de l'Innovation pour le Bâtiment)	Organisation	CRTB is an open platform for all those involved in the act of building and seeks to improve the productivity and competitiveness of the construction industry.	- BIM implementation	http://www.crtb.lu	Qualifications	- BIM skills	Moreno VIOLA	Managing Director	moreno.viola@crtb.lu	11.7.2022	02.9.2066
Luxembourg	CCM (Chambre des métiers)	Organisation	The Chamber of Skilled Trades and Crafts (Chambre des métiers - CCM) is a professional chamber which represents more than 150 trades in the fields of food, fashion-health-hygiene, mechanics, construction and housing, communications, multimedia, performing arts and artistic professions.	- legal compliance of heating and cooling production devices - safety	https://www.ccm.lu	Qualifications, Certification	- labeling of crafts men (e.g. "Energie fit d'Zukunft"*) - legal compliance of professionals			contact@ccm.lu	11.7.2022	02.9.2067
Luxembourg	OAI (The Order of Architects and Consulting Engineer)	Association	The Order of Architects and Consulting Engineers (OAI) is a professional organisation gathering 3 professions: architects, interior architects, consulting engineers, urban designers and master planners, and landscape architects / landscape engineers.	- EPC assessor	https://www.oai.lu	Certification	- Certification of EPC assessors for non-residential buildings			oai@oai.lu	11.7.2022	02.9.2068
Luxembourg	Department of energy (Luxembourgish government)	Organisation	The Department of Energy coordinates the country's energy policy and the objectives of ensuring a sustainable energy supply and maintaining and strengthening the national supply in various economic fields.	- EPC assessor	https://www.gouvernement.lu/secteur/e/energie.html	Certification	- Certification of EPC assessors for residential buildings	WORRE Pascal	Manager of energy efficiency department	pascal.worre@energie.etat.l	11.7.2022	02.9.2069
UK	Chartered Institution of Building Services Engineers (CIBSE)				https://www.cibse.org/						11.7.2022	02.9.2070
UK	Emk				https://www.emk.co.uk/						11.7.2022	02.9.2071
UK	Elmhurst Energy				https://www.elmhurstenergy.co.uk/						11.7.2022	02.9.2072
UK	Quidos				https://www.quidos.co.uk/						11.7.2022	02.9.2073
UK	Stroma				https://www.stroma.com/						11.7.2022	02.9.2074
UK	Sterling Accreditation				https://www.sterlingaccreditation.co.uk/						11.7.2022	02.9.2075



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