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SEETHESKILLS NEWS



Sustainable Energy Skills in construction: Visible, Validated, Valuable



Address the challenge of energy-efficient construction and work at market level to stimulate demand for sustainable energy skills in the construction sector.

Keyword tags

- Keyword #1: Energy Skills
- Keyword #2: [Materials Catalogue](#)
- Keyword #3: [Integrated Repository](#)
- Keyword #4: [Training Scheme](#)
- Keyword#5: Professionals and Companies Database

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Energy efficiency skills play a pivotal role in the construction sector

Energy efficiency skills play a pivotal role in the construction sector, and their importance cannot be overstated, especially in light of European policies related to sustainable development goals. Here are some key reasons why having, maintaining, and updating energy efficiency skills are crucial for the construction industry and their alignment with European sustainable development goals:

- 1. Addressing Climate Change:** The construction sector is a significant contributor to greenhouse gas emissions due to energy consumption in buildings. By equipping construction professionals with energy efficiency skills, we can significantly reduce carbon emissions and combat climate change, aligning with the European goal of achieving carbon neutrality and limiting global warming.
- 2. Resource Conservation:** Energy-efficient construction practices reduce the demand for natural resources such as fossil fuels and electricity. By optimizing energy use, we can preserve valuable resources and promote a sustainable approach to construction, in line with European policies on resource efficiency.
- 3. Lowering Operating Costs:** Energy-efficient buildings lead to reduced energy consumption, resulting in lower operating costs for owners and occupants. By implementing energy-saving measures, the construction sector can contribute to economic growth while fostering sustainable development, as envisioned in European sustainable development goals.
- 4. Enhancing Building Performance:** Energy efficiency skills empower construction professionals to design and construct buildings that perform optimally in terms of thermal comfort, indoor air quality, and overall occupant well-being. Sustainable and efficient buildings create healthier living and working environments, aligning with European policies on public health and well-being.
- 5. Promoting Innovation and Technology Adoption:** Developing and updating energy efficiency skills in the construction sector drives the adoption of innovative technologies, such as Building Information Modeling (BIM), smart systems, and renewable energy integration. This fosters technological advancement in the industry and contributes to Europe's goal of becoming a leader in sustainable technologies.
- 6. Stimulating Green Job Creation:** A focus on energy efficiency skills creates new employment opportunities in the construction sector. Skilled workers are needed to implement energy-efficient practices, fostering green job growth and supporting the European Union's ambition to generate sustainable employment.
- 7. Achieving Energy Independence:** Energy-efficient buildings and infrastructure reduce reliance on external energy sources and imports, contributing to energy security and sovereignty, which are essential aspects of Europe's sustainable development strategy.
- 8. Meeting EU Policy Objectives:** Energy efficiency is a core pillar of the European Green Deal and the EU's long-term commitment to sustainable development. By prioritizing energy efficiency skills in the construction sector, Europe can meet its targets of reducing greenhouse gas emissions, increasing energy efficiency, and transitioning to a circular economy.
- 9. Contributing to the Renovation Wave:** The European Commission's Renovation Wave initiative aims to accelerate energy-efficient renovations in the building stock. Equipping construction professionals with the necessary skills is fundamental to achieving this ambitious goal and fostering a sustainable and resilient construction sector.

SEetheSkills key outputs for VISIBILITY of ENERGY EFFICIENCY SKILLS

Creation of online repository (Integrated database of energy skills)

What it is? explanation in 6 European languages!

Please, watch [here](#)



The Integrated Register of Energy skills is available for access to all interested professionals and companies, through the website www.seetheskills.eu.

It can be easily accessed through your desktop or mobile device.

Single spot for everything related to energy skills

Training schemes

Certified professionals

Construction materials

SEetheSkills Materials Catalogue database supplies economic and environmental information regarding construction elements used in Efficient Energy actions in the construction market. This database is being originated not only as a pre-selection of energy-efficient materials, based on the ITeC BEDEC database (with more than 900,000 Construction items and 40 years of history) but also based on the Sustainable materials website of ITeC, and different Construction databases and Companies Catalogues databases relevant in the Construction sector in each Consortium partners countries. BEDEC is the main Construction database that provides construction materials to the IR in SEETHESKILLS.

SEetheSkills Materials Catalogue is accessible from SEetheSkills website. Firstly, we need to select the Language you desire to manage the information

Secondly, we could determine our Efficient Energy Construction Materials selection by indicating the following desired filtering selectors:

- Sector
- Manufacturer
- Country
- Construction database reference

The selected final Construction materials obtained could be downloaded through a CSV file.

Each construction material is linked to the professional companies that are able to design and build solutions where these materials are involved.

First national advisory board in Spain: Advancing Efficient Energy in Spain

Dear SEETHESKILLS community,

We are thrilled to bring you the latest updates from the project and share the exciting developments that took place during the Spanish NAB Constitutional and First Meeting, held on 17th July 2023. With 22 participants representing 20 different organizations related to Efficient Energy, the meeting marked a significant step forward in enhancing the Construction sector in Spain.

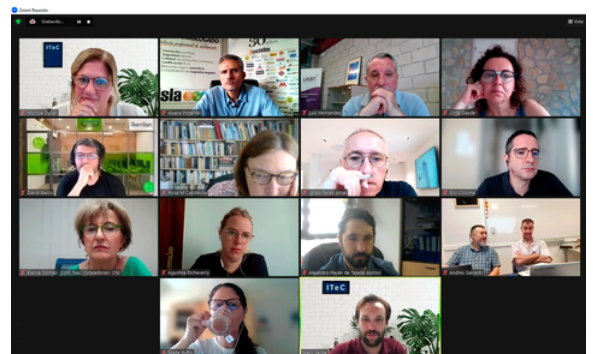
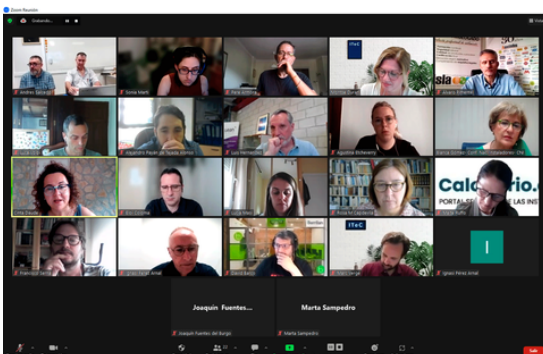
The Spanish NAB (National Advisory Board) comprises a diverse range of organizations, including professional associations, educational institutions, industry clusters, contractors, installers, and more. The common goal is to foster the development and implementation of efficient energy practices across the country.

During the meeting, participants engaged in discussions centered around the following key points:

- 1. Introduction of All Involved Experts:** The event commenced with an overview of the participating organizations and their daily activities, fostering a better understanding of each other's roles and contributions to the sector.
- 2. Scope of the SEetheSkills Project:** The attendees received a comprehensive summary of the SEETHESKILLS project's objectives, emphasizing its potential impact on the energy efficiency landscape in Spain.
- 3. Current Progress of the SEetheSkills Project:** A detailed account of the project's current status was presented, outlining the achievements and milestones accomplished thus far.
- 4. Identifying Improvement Points:** The meeting encouraged a global discussion on the specific areas that require improvement within the Construction sector in Spain.

Some of the key areas highlighted include:

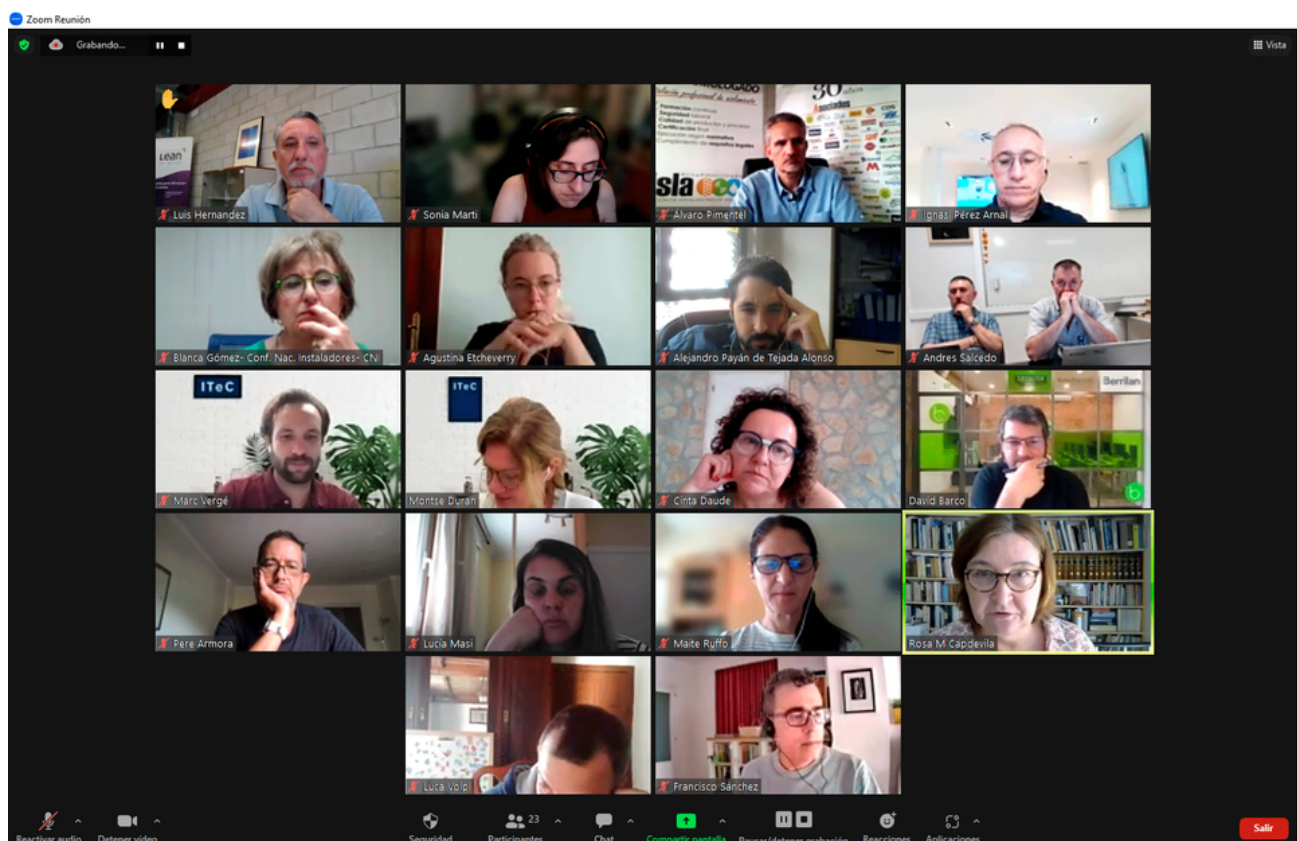
- Incorporating relevant databases into the project's resources, such as Materials Catalogues and Professional and Training Schemes.
- Establishing a regulatory mechanism for new accreditations in the field of construction and energy, with a focus on validating skills in a global EU system through professional educational centers.
- Recognizing the vital role of Vocational Training Institutes in registering professional experience to facilitate the European mobility of Efficient Energy professionals.
- Exploring potential synergies between existing Efficient Energy projects in Europe and identifying areas for future collaborations.



The meeting concluded with valuable insights from the NAB members' perspectives:

- 1. Acknowledgment of SEetheSkills' Significance:** The importance of initiatives like SEetheSkills, especially in a time of scarcity of Efficient Energy workers in Spain, was lauded. These actions are vital for improving workers' skills, validating their expertise across Europe, and bridging the knowledge and technology gap.
- 2. Inclusion of Installers:** The meeting addressed the challenge of ensuring that installers are not left behind in the Efficient Energy efforts. The majority of installer companies in Spain are small-scale enterprises, making it crucial to provide them with accessible and user-friendly apps and databases.
- 3. Usability and Accessibility:** Participants emphasized the need for applications and databases with better usability, catering to all profiles within the Construction sector.
- 4. Standardizing Construction Materials:** The importance of unifying construction materials in accordance with European regulations was highlighted to streamline processes and ensure compliance.
- 5. Distinguishing Materials and Professionals:** Clear differentiation and linkage between materials and the execution of solutions were stressed, along with the significance of accrediting entities.
- 6. Integrating BIM in Installation Projects:** The meeting identified a lack of knowledge regarding the integration of BIM in installation projects, emphasizing the need for increased dissemination of such actions to foster collaboration among all disciplines in Efficient Energy improvement.

As we look forward to the second NAB meeting, scheduled for the end of the 2023's second semester or the beginning of 2024, all participating organizations are urged to maintain continuous communication for the ongoing improvement and productive collaboration of the SEETHESKILLS project.



Announcing SEetheSkills National conference – North Macedonia, Sep 2023

Dear esteemed members and stakeholders of the SEETHESKILLS project,

We are thrilled to extend our heartfelt invitation to the Conference for promotion of the project results "SEetheSkills Virtual tour– North Macedonia." This event is a significant milestone for our international project, "Sustainable EnErgy Skills in construction: Visible, Validated, Valuable - SEetheSkills," which is making strides in the European Research and Innovation Program "Horizon 2020." Our project aims to stimulate the demand for sustainable energy skills in the building sector and contribute to the EU green agenda's implementation for sustainable construction.

The Conference will take place on 25th September 2023 (Monday) at the prestigious hotel Aleksandar Palace in Skopje, North Macedonia. We are excited to welcome you as our distinguished guest, valuing your participation as an essential part of the value chain in achieving energy efficiency and sustainability goals on national, regional, and EU levels.

The conference will feature enlightening sessions and panel discussions, shedding light on policy matters, the status of energy skills, and the main project result, the Integrated Register of Energy skills. Expert speakers from esteemed institutions will share key findings, recommendations, and the innovative digital solutions crafted during the SEetheSkills project.

In addition to engaging presentations, we have arranged interactive sessions, where you can participate in networking opportunities and learn more about the SEetheSkills Integrated Register. We encourage all attendees to take part in the discussions and share their insights on sustainable energy skills.

Please express your interest in participating the event using contact data in the end of this newsletter!

We look forward to your presence and valuable contributions at the "SEetheSkills Virtual tour– North Macedonia" Conference. Together, let us drive the transformation towards energy-efficient and sustainable construction practices.

SEetheSkills is committed to addressing the challenges of energy-efficient construction, both for new buildings and renovations, with a focus on stimulating the demand for energy skills in the market. Our project aims to facilitate the broader visibility and accessibility of energy skills, aligning with the EU's green agenda and promoting sustainable construction practices.

Spanning across five countries - Netherlands, North Macedonia, Slovakia, Slovenia, and Spain - the project consortium boasts ten dedicated partners, led by the esteemed Economic Chamber of North Macedonia as the project coordinator.

Conference for promotion of the project results SEetheSkills

Virtual tour– North Macedonia: Sustainable EnErgy Skills in construction: Visible, Validated, Valuable - SEetheSkills

Date: 25 September 2023 (Monday)

Venue: hotel Aleksandar Palace, Skopje, North Macedonia

Please refer to the official project website (www.seetheskills.eu) for any updates or changes regarding the event.



Announcement



AGENDA

10:00 – 10:20 CONFERENCE OPENING

Moderator: Jadranka Arizankovska, project Coordinator, Economic Chamber of North Macedonia

Opening addresses

- Ambassador David Geer, Head of the Delegation of the European Union to North Macedonia (TBC)
- Mr. Stevo Pendarovski, President of the Republic of North Macedonia (TBC)

10:20 – 11:00 POLICY SESSION: EU and national legislation related to Green Deal Agenda

Moderator:

- Prof. Hristina Spasevska, University Ss Cyril and Methodius

Panel speakers:

- Mrs. Kaja Shukova, Minister of Environment and Physical Planning, at the Government of Republic of North Macedonia (TBC)
- Mr. Kreshnik Bekteshi, Minister of Economy, at the Government of Republic of North Macedonia (TBC)
- Mr. Antoni Peshev, MSc, Executive director of the Economic Chamber of North Macedonia
- Dr. Risto Janevski, President of Association of Power Supply Industry, Economic Chamber of North Macedonia

11:00 – 11:30 Coffee break Press release - Media presence

11:30 - 12:30 SESSION A - On the status of Energy skills

Presenting the status quo, key findings and recommendations on the role of energy skills

12:30 - 13:30 SESSION B – Main project result: The Integrated register of Energy skills digital solution

A single spot for everything related to energy skills

13:30 - 15:00 Interactive session with stakeholders “Join the SEetheSkills team at the networking lunch”

Farewell drink and lunch

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SEetheSkills – EU Project



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SeeTheSkills Project

Coordinated by



Economic Chamber of North Macedonia



Ss Cyril and Methodius
University, North Macedonia



WITS Institute SLU -
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Ljubljana, Slovenia



Slovak chamber of Civil
engineers, Slovakia



Association of business
and consultancy, North
Macedonia

ITeC

The Catalonia
Institute of Construction
Technology



Slovak University of
technology, Slovakia



Chamber of commerce and industry of
Slovenia, Slovenia

ISSO

Stichting ISSO,
Netherlands



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