

# SEBCoVE is presented in Guipúzcoa with a conference on intelligent buildings and the challenges of VET



On 28th November, the conference 'Intelligent Buildings. Overview of the Sector and Challenges of Vocational Training', framed within the dissemination actions of the European project SEBCoVE - Smart Electricity for Buildings - Centers of Vocational Excellence, co-financed by the European Union and in which CONAIF participates together with INSTAGI, MLAKOOP, Zubigune Fundazioa and other national and European organisations related to training.

The initial presentation was given by Jesús Rosel, from MLAKOOP. The member of CONAIF's Training Commission, Víctor Pernía, who is also responsible for Agremia's Technical School, spoke to offer a vision of training in the installations sector. Santiago Cousillas, a technician from INSTAGI, took part in a round table with other training professionals to discuss the challenges and opportunities that intelligent buildings pose for vocational training.

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## Third regional event “Knowledge triangles for Green and Digital Transformation” in Strumica

Centre for Development of the South-East Planning Region



The Centre for Development of the South-East Planning Region, together with the partners from the country, Emkice KIC and the Union of Chambers of Commerce of Macedonia, successfully organized the third regional event entitled “Knowledge triangles for Green and Digital Transformation” in Strumica, within the framework of the project “Smart Electricity for Buildings – Centers of Vocational Excellence – SEBCoVE.

The event was attended by mayors, university professors, engineers, architects and representatives from the construction and energy sectors, as well as numerous organizations dedicated to sustainable development. A key focus was on strengthening cooperation between local government, academia and the private sector, with an emphasis on green and digital transformation as a driving force for achieving sustainable development.



One of the key moments of the event was the signing of memorandums of cooperation with the electrical and mechanical faculties of the three state universities, the University “St. Kliment Ohridski” – Bitola, the University “St. Cyril and Methodius” – Skopje and the University “Goce Delchev” – Shtip. This partnership will enable joint efforts in creating innovative solutions in areas such as mechanical engineering, architecture and electrical engineering, in order to promote green and digital transformation.

# Smart technicians and operators: the findings the SEB CoVE research phase in Italy

ENAIP NET

Vocational Education and Training (VET) plays a fundamental role in preparing a workforce capable of addressing the challenges posed by the Smart Electricity for Buildings (SEB) sector. In Italy, ENAIP NET, the largest VET providers' consortium in the country, investigated the regional Smart Specialisation Strategies (S3) to find the strategic directions VET will follow in this sector. The strategies highlight the importance of investing in the skills of operators and technicians to ensure competitiveness in this evolving industry.

The SEB sector is undergoing a profound transformation, driven by digitalization, automation, and the integration of renewable energy. Italian regions such as Veneto, Lombardy, Piedmont, Liguria, and Friuli-Venezia Giulia have recognized these trends in their respective S3 frameworks, prioritizing innovation in smart energy management, energy-efficient buildings, and sustainable urban infrastructure. These strategies indicate a strong need for skilled professionals in areas such as smart grid integration, building automation, and energy storage solutions.

VET institutions play a crucial role in equipping workers with the technical and transversal skills necessary for this transition. Veneto's S3, for instance, emphasizes the importance of human capital development in smart living and energy sectors, aligning VET programs with regional industrial priorities. Similarly, Lombardy integrates smart building expertise into its broader technological ecosystems, ensuring that technicians are trained in IoT, AI-driven energy management, and cybersecurity.

However, gaps remain in the alignment between VET offerings and market needs. Regional employment analyses and stakeholder consultations suggest that while advanced SEB competencies are covered at higher education levels, vocational training for technicians and operators must expand its focus on emerging technologies, digital tools, and interdisciplinary skills.

By strengthening partnerships between industry and VET providers, updating curricula to reflect regional S3 priorities, and promoting lifelong learning, Italy can ensure a workforce that is not only employable but also capable of driving innovation in the SEB sector. This strategic investment in skills development will be crucial to maintaining the country's competitive edge in sustainable energy solutions for buildings.

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