

BEM Micro-credential



BEM content (for all partners)	Title/name of the credential	Assistant for Sustainable Large-Format Printing
	Function of the micro-credentials / purpose	This micro-credential provides practical and specialized knowledge and skills in the field of large-format printing, emphasizing innovative digital technologies and sustainable practices. The program combines technical, creative, and green skills to produce high-quality printed materials while optimizing resources and reducing environmental impact. The goal is to equip participants with techniques for large-format printing using eco-friendly processes and technologies, enhancing their competitiveness in the modern market.
	Possible target groups	<ul style="list-style-type: none"> Professionals in printing and design seeking to expand their knowledge and improve their business through sustainable practices. Designers and technicians interested in modern large-format printing technologies. Entrepreneurs in the advertising materials and interior design industries. Individuals with limited access to employment (the unemployed and rural populations) who want to develop new skills.
	Branch/sector of application	Printing industry, advertising sector, visual communications, interior and exterior design.
	Fields of application / work environment	<ul style="list-style-type: none"> Companies producing advertising materials (billboards, posters, banners). Design studios specializing in large-format printed materials. Production facilities for interior and exterior decoration. Visual communication and promotional industries.

	Typical work/professional tasks	<ul style="list-style-type: none"> • Applying digital technologies to print on various large-format materials (PVC, textile, paper, metal). • Preparing materials and designs for printing. • Optimizing printing processes to reduce waste and save energy. • Managing large-format digital printing equipment. • Implementing sustainable practices in printing processes. 		
	Learning outcomes (personal and job related)	Knowledge	Skills	competences
		<ul style="list-style-type: none"> • Understanding large-format printing technologies (UV, solvent, eco-solvent, sublimation). • Principles of sustainability in the printing and visual communications industry. • Specific material properties for large-format printing and their impact on the final product. • National and EU standards for 	<ul style="list-style-type: none"> • Using software tools for design and material preparation (e.g., Adobe Illustrator, Adobe Photoshop, CorelDRAW). • Operating large-format printing equipment efficiently. • Optimizing production processes with minimal resource usage. • Developing innovative solutions for 	<ul style="list-style-type: none"> • Independent managing large-format printing processes. • Implementing sustainable solutions in daily printing operations. • Applying quality standards in the field of digital printing. • Developing innovative approaches to the design and production of printed materials.

		<p>sustainability in production processes.</p> <ul style="list-style-type: none"> Basics of color and the use of eco-friendly inks in large-format printing. 	<p>printed products based on client requirements.</p>	
	Validation	Criteria		Procedures
		<ol style="list-style-type: none"> Application of modern printing technologies in compliance with sustainability standards. Demonstration of acquired knowledge through practical work. Reliability and precision in handling printing equipment. 		<ol style="list-style-type: none"> Formation of the Evaluation Committee. Execution of a practical project on a given topic. Assessment of competencies and issuance of certificates or digital badges.
	Recognised/accepted (documented by MoU)	Vocational Education and Training Centre Education Centre Employers		
	Provider(s)	<ul style="list-style-type: none"> Specialized educational institutions for digital printing and visual communications. Training centers in the printing industry. Companies producing large-format advertising materials 		
Additional information (if needed)	Entry level / prerequisites	<p>It is necessary that the individual has basic knowledge and skills of drawing and painting and computer skills.</p> <p>Theoretical and practical training: 80 hours.</p> <p>Validation: 20 hours.</p>		
	Possible duration (recommendation)			

		Total duration: 100 hours.
Specific content (national) (if needed)	Position in the chain of educational programmes	<p>NQF level IV-V.</p> <p>The micro-credential can be linked to the National Qualifications Framework (NQF) in the field of printing and graphic design.</p> <p>4 Credits</p> <p>Credits can be added based on an agreed scoring system according to the national education system.</p>
	Reference to NQF	
	Credits	