

How are the Albanian smart micro-modules



Article Overview

Albania's smart micro-modules, implemented through SmartLabs and digital learning initiatives, are expanding rapidly to enhance digital skills and programming education for students.

Overview of Smart Micro-Modules in Albania

Albania has been actively developing smart micro-modules as part of its broader digital transformation and Smart Specialisation Strategy (S3). These modules are integrated into SmartLabs in schools, designed to provide interactive, technology-driven learning environments that go beyond traditional classrooms . The initiative is part of the Element IT program, aiming to equip students with digital and programming skills from an early age .

Implementation and Reach

- As of 2026, 216 SmartLabs have been installed in primary and middle schools, with plans to expand to 654 labs covering all middle and high schools .
- These labs are equipped with hardware, computer networks, furnishings, and age-appropriate setups, creating spaces that encourage creativity and hands-on learning .
- Approximately 35,000 children in grades 1 to 3 are currently benefiting from these modules, using programs like CodeMonkey to develop coding and problem-solving skills .
- The labs are linked to the pre-university education information system, allowing t...

Article Content

Jul 28, 2025

SMART ALBANIA

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CSV JSON ... Financial

Oct 23, 2025

GFA Projects

These objectives are pursued through the development of a local Energy Management System (EMS) based on the European

May 30, 2026

GFA Projects

Energy efficient municipalities should contribute to low-carbon economic development, improved quality of life and reduced

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Smart Energy Municipalities Project in Albania (SEMP) | ENCO

The Smart Energy Municipalities Project (SEMP), funded by the Swiss State Secretariat for Economic Affairs (SECO), aims to

Dec 15, 2025

Amar Smart – Amar Smart System

Our goal is to become the premier provider of smart system solutions in Albania, renowned for our commitment to product

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Smart Albania: Priorities and the Way Forward

Intro: link The conference: Smart Albania: Priorities and the Way Forward took place in Tirana on October 31, 2023.

May 21, 2026

Internationalisation of Albanian micro, small and medium sized ...

Objectives of the project is for Albania to adopt its first S3 (Smart Specialisation Strategy). We are a consultancy company led by

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SKILLS FOR SMART SPECIALISATION IN ALBANIA

Albania started its smart specialisation process in 2016. Since then, the country has been taking steps to prepare a national strategy

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Solution

Microgrids are emerging as an attractive, viable solution for cities, utilities, and firms to meet the energy needs of communities by

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Tirana to adopt surveillance infrastructure

Albanian capital city Tirana and nineteen other cities in the country are going to become

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SEMP supports Albanian municipalities on the journey towards energy ...

SEMP aims to enhance energy efficiency (EE) and promote renewable energy sources, with initial activities in four

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Small Modular Reactors: Challenges and Opportunities

Micro modular reactors (MMRs) – represent designs of less than 10 MWe of capacity, often capable of semi-autonomous operation

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About Us – 2Smart

A great team. We provide highly integrated smart home, smart building and hospitality solutions in and

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Albania and Smart Specialisation – westernbalkans-infohub

The Head of the National S3 Team, Linda Pustina, the S3 Coordinator for the Ministry of Tourism and Environment,

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The Smart Village Approach, a Solid Approach for the Development of

4. Implementing The Smart Village Approach in Albania There are discussions about the best way to implement the “smart village

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Small modular reactor

Illustration of a light water small modular nuclear reactor (SMR) A small modular reactor (SMR) is an emergent class of nuclear

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SMART HOME ALBANIA

Smart Home Albania, the exclusive distributor of leading global brands for home automation, hotel accessories, and security, has

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The StartupBlink Report: "How Albania is transforming into an ...

Albania, often referred to as the pearl of the Balkans, is experiencing a renaissance in the field of entrepreneurship

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Albania Smart Microgrid Market (2026-2032) | Trends, Outlook

Albania's smart microgrid market is evolving, driven by advancements in renewable energy and innovative technologies enhancing

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Smart Research Training: Micro-learning, Mobile & Rapid Modules ...

Smart research training leverages micro-learning, mobile-first delivery, rapid modules and adaptive content pathways to support

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Small Modular Reactors

There is strong interest in small and simpler units for generating electricity from nuclear power, and for process heat.

Contact Us

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