



PHOTONIC AI DATACENTER & ROBOTICS FACTORY IN BOSNIA AND HERZEGOVINA

Project title	Photonic AI Datacenter & Robotics Factory in Bosnia and Herzegovina
Sector	Artificial Intelligence (AI); Photonic Technology; Data Infrastructure; Robotics & Automation; Education & Healthcare Technology
Location	Bosnia and Herzegovina (specific city to be announced)
Location description	The project will be located in Bosnia and Herzegovina, strategically positioned to connect European technological infrastructure with Balkan innovation. The underground design ensures maximum energy efficiency, environmental protection, and data security.
Company description	13PM Network / Kionova is a Germany-based technology company specializing in AI infrastructure, robotics, and data-driven automation systems. The company develops privacy-focused, sustainable, and scalable technological ecosystems for both industrial and educational sectors.
Project status	Feasibility studies and initial agreements are currently under development and will be presented in December 2025. The project start is planned for 2026. Technical documentation and visual materials Partnership agreements (under development)
Project description	The project aims to establish the first underground Photonic AI Datacenter in the Balkans, equipped with cutting-edge photonic technology from Germany. It combines three main pillars: 1. Advanced Infrastructure: Underground, energy-efficient, and secure datacenter.



	2. Photonic & AI Technology: Implementation of next-generation photonic processors for superior AI performance. 3. Robotics Factory: Complete production of intelligent robots in Bosnia and Herzegovina, combining local and European expertise.	
Estimated total investment cost	Large-scale investment (details available upon request). Includes infrastructure, technology transfer, and robotics factory setup.	
Inputs provided by local partner	Value	Description
	Land & Infrastructure Support	Provision of underground and above-ground construction areas, energy and network access points, and assistance with permits and logistics.
Inputs required from foreign partner	Value	Description
	Administrative & Workforce Support	Local administrative cooperation, skilled workforce participation, and partnerships with universities and innovation centers.
Form of cooperation with foreign partner	Financial	Technical
	Capital investment for infrastructure and technology implementation.	Transfer of AI processor technology, AI software systems, and robotics manufacturing expertise.
Supporting information available	For additional information about this project, please contact FIPA either by e-mail: fipa@fipa.gov.ba or phone number: +387 33 278 080.	