Introduction of Digital Technologies in the Kazakhstani Ministry of Internal Affairs: The Path to Sustainable Development

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Abstract : The article explores the opportunities and challenges associated with the adoption of digital technologies and automation in small and medium-sized businesses (SMEs) in Kazakhstan to achieve the Sustainable Development Goals (SDGs). Key aspects such as improving production efficiency, reducing carbon footprint and resource efficiency are discussed, as well as the challenges faced by companies, including limited access to finance and lack of knowledge about digital solutions. Based on an analysis of existing practices, recommendations are offered to improve digital infrastructure and create an enabling environment for SMEs to increase their competitiveness and adaptability in the face of global change. The introduction of innovative technologies is seen as an important step towards long-term sustainability and successful business development in Kazakhstan. The study was supported by grants from the Ministry of Science and Higher Education of the Republic of Kazakhstan (grant No. AP23488459) 'Research and development of scientific and methodological foundations of an intelligent system of management of medium and small businesses in Kazakhstan'.

Keywords : small and medium-sized businesses (SMB), digitalization, automation, sustainable development, sustainable development goals (SDGs), innovation, competitiveness
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