Towards a Collaborative Digital Transformation Framework: Accelerating Indonesia Digital 2045

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Abstract: Focusing on advancing digital government transformation in Indonesia and beyond, Digital transformation demands coordinated action among various stakeholders—government, private sector, academia, civil society, and communities—to effectively implement technological innovations. As Indonesia aspires to become a leading digital economy by 2045, inclusive and collaborative strategies are essential. However, despite numerous initiatives, the digital landscape remains fragmented, with limited coordination and persistent silos across sectors. To address these gaps, the Collaborative Digital Transformation (CDT) framework emphasizes collective strengths of multi-actor networks to tackle complex governance issues, align digital strategies, foster inter-organizational collaboration, and encourage data sharing to support sustainable development. The framework also promotes the use of digital technologies, such as the Electronic-Based Government System (SPBE), to enhance administrative efficiency, citizen engagement, and government accountability. At the core of CDT is the pentahelix model—integrating government, business, academia, civil society, and media—to enable joint decision- making and shared ownership in digital initiatives. This model is particularly relevant for addressing cross- sectoral challenges and ensuring that digital transformation remains inclusive, adaptive, and responsive to local needs. Building on the prior qualitative study by Maulana, Durnik, and Dečman (2024), this research incorporates a quantitative approach to evaluate the CDT framework's effectiveness. Survey data from multiple stakeholders will be analyzed to measure collaborative governance indicators such as trust, communication, and shared vision. This mixed-method approach provides a comprehensive understanding of how digital transformation initiatives perform in practice. The launch of INA DIGITAL in 2024 offers a key opportunity to consolidate over 27,000 government applications and streamline public services.