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A MULTIDISCIPLINARY INQUIRY INTO THE INTEGRATION OF ADVANCED GEOSPATIAL TECHNOLOGIES FOR ENHANCED ANTI-MONEY LAUNDERING AND FINANCIAL CRIME DETECTION

Abstract

This document presents a strategic proposal for a globally adaptable Anti-Money Laundering (AML) system. It specifically addresses challenges in parallel market forex exchanges and drug markets. The proposed solution integrates transactional analysis, GIS-enabled infrastructure, and machine learning to combat key stages of money laundering while emphasizing sustainability and risk management. The submission also acknowledges concerns such as data privacy and multi-jurisdictional standardisation thus offering an AML solution that is internationally relevant. Its aim is to combat financial crimes and contribute to peaceful societies by addressing tax evasion, terrorism financing, and illicit drug activities. The solution's generic nature allows for flexible adaptation to diverse international contexts that aligns seamlessly with global standards.