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Blockchain and Safeguards Information Management: The potential for distributed ledger technology

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The network ability of blockchain technology to manage and self-audit large volumes of data in a shared, secure and transparent manner has potentially far-reaching value for the way safeguards information is collected, processed, and analyzed. The Stimson Center, in partnership with the Stanley Foundation, held a series of workshops in 2018 from Vienna to the Silicon Valley to discuss this potential. The findings and recommendations in this paper consider the ecosystem of safeguards information management, specifically the landscape of factors determining how safeguards data is inputted, processed and accessed, and how distributed ledger technology (DLT) could be applied, if at all, to provide greater efficiency, data reconciliation, accuracy and trust.

The paper also touches upon the potential for DLT to be applied to export controls and supply chain auditing.

Which "Key Question" does your Abstract address?

CHA3.2

Which alternative "Key Question" does your Abstract address? (if any)

SGI2.1

Topics

CHA3

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