

Electronic Payments: Foundations for Inclusion, Resilience and Sustainable Development

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Evolution of money and payments

- Technological revolution in money and payment: decentralised / centralised
- Money, payments, finance and the technological horizon
- RTGS / mobile money / FPS
- Bitcoin
- Blockchain
- Libra
- Covid19
- Digital Yuan: DCEP

Central Bank Functions and Evolution

- Monetary policy / stability
- Financial stability (positive / negative)
- Payments
- Supervision
- Development / inclusion (SDGs / innovation)
- Central banks as technology

China eCNY Rationale

- Monetary policy
- Financial crime
- Social policy
- Technology and innovation
- Global geopolitics
- Risk management

- [Ukraine, Sanctions and Central Bank Digital Currencies: The Weaponization of Digital Finance and the End of Global Monetary Hegemony? by Ross P. Buckley, Douglas W. Arner, Anton N. Didenko, Dirk A. Zetsche :: SSRN](#)
- https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4133531

COVID-19 and Digital Finance

- Digitisation
- Payments / CBDCs
- RegTech / SupTech
- AML / market integrity
- BigTech / data: [The Transnational Data Governance Problem by Douglas W. Arner, Giuliano G. Castellano, Eriks Selga :: SSRN](#)
- Building better financial systems
- [FinTech and the Four Horsemen of the Apocalypse by Douglas W. Arner, Ross P. Buckley, Dirk A. Zetsche :: SSRN](#)
- https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4211974

Regional and crossborder payments

- [MSME Access to Finance: The Role of Digital Payments by Douglas W. Arner, Sijuade Animashaun, Kuzi Charamba, Yixiao Cai :: SSRN](#)
- https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4138785
- [Building Regional Payment Areas: The Single Rule Book Approach by Douglas W. Arner, Ross P. Buckley, Thomas Lammer, Dirk A. Zetsche, Sangita Gazi :: SSRN](#)
- https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4115851
- [Corporate digital identity: no silver bullet, but a silver lining \(bis.org\)](#)
- <https://www.bis.org/publ/bppdf/bispap126.htm>

Building Better Financial Systems

[Enabling Ecosystems: How To Boost Fintech Innovation and Financial Inclusion During and After COVID-19 – NextBillion](#)

- Building the infrastructure of finance
- Designing appropriate regulatory approaches
- Supporting the wider ecosystem

Infrastructure of finance

- Alliance for Financial Inclusion:
- [Fintech for Financial Inclusion: A Framework for Digital Financial Transformation by Douglas W. Arner, Ross P. Buckley, Dirk A. Zetsche, Ghiyaz Muhammed :: SSRN](#)
- Foundation: Digital access – mobile / internet access
- Pillar I: Sovereign digital identification / Simplified account opening / Golden source data
- Pillar II: Electronic payments: open access, interoperable
- Pillar III: Digitization of government payments / services
- Pillar IV: Financial markets infrastructure: securities settlement, secured transactions, pensions, credit registries etc
- SDGs

Regulatory approaches

- Review regulation
- Functional / activities based approach
- Risk-based graduated / tiered proportional regulation
- RegTech / SupTech
- Testing and piloting
- Restricted and specialised licences
- [Fintech Toolkit: Smart Regulatory and Market Approaches to Financial Technology Innovation by Dirk A. Zetsche, Douglas W. Arner, Ross P. Buckley, Attila Kaiser-Yücel :: SSRN](#)

Wider ecosystem

- Legal foundations: esignature
- Data framework
- Education / human capital development
- Research and development support / funding
- Innovation hub / Regulatory sandbox
- [AFI Innovative Regulatory Approaches Toolkit by Douglas W. Arner, Ross P. Buckley, Dirk A. Zetsche, Eriks Selga, Ghiyazuddin Mohammad, Jaheed Parvez, Roberta Consiglio :: SSRN](#)