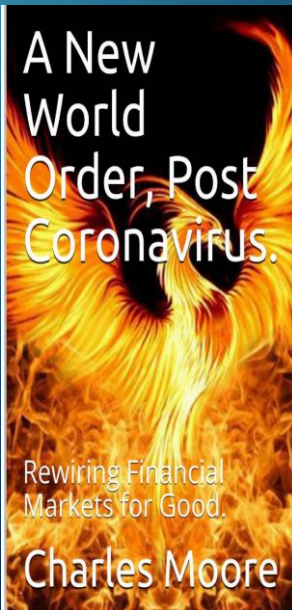


# CENTRAL BANK DIGITAL CASH INTEROPERABILITY

From the author of the book

"A NEW WORLD ORDER, POST CORONAVIRUS.  
REWIRING FINANCIAL MARKETS FOR GOOD."



# THE BASICS

- There cannot be any interoperability between any fiat currencies by definition.
- All payment systems which make use of Central Bank Digital Cash as legal tender must provide **atomic transactions**, such that any change across multiple systems is either applied entirely or not at all.
- To align with the mandatory need to achieve legal finality, all Central Bank Digital Cash solutions must exist as digital bearer financial assets.
- The only way to build a digital cash system is on top of an interoperability protocol that allows each party to bridge the gap between different technologies, and still provide physical cash like properties.
- Any interoperability protocol must support permissionless extensibility which does not affect the underlying digital Financial Market Infrastructure. This extensibility is necessary to achieve universal interoperability between all transacting parties.
- When every agent in the economy makes and receives payments in a common safe digital cash currency, interoperability is more easily achieved. The move from physical cash to digital cash must maintain this same level of interoperability of legal tender flows throughout the sovereign nation economy.
- Traditionally Central Bank Financial Market Infrastructures (physical notes) have been established as a public good, to empower the alignment of national and hence international interoperability.

# THE INTEROPERABILITY SOLUTION

- Like all existing Central Bank RTGS's systems, the scope of interoperability is not achieved via trying to force all solution onto a single technology.
- The Inter-Ledger Protocol was developed via re-engineering of IETF and EDIFACT standards and placed in the public domain in 2010. It provides the universal solution for all payments and settlements with legal finality.
- The global Inter-ledger Protocol is the means to achieve global interoperability via a system of asynchronous decentralised ledgers operating an atomic swap of fiat digital bearer currency units.
- The inter-ledger protocol supports permission less extensibility to support a wide range of end applications without the need to change the Financial Market Infrastructure. This allows central banks to extend the universal FMI to meet unique sovereign requirements.

# FOR FURTHER INFORMATION

- Please, contact Alexander SAMARIN
  - Mobile: +41 76 573 40 61
  - Email: [alexandre.samarine@gmail.com](mailto:alexandre.samarine@gmail.com)
  - Skype: m765734061