

# Central Bank Digital Currencies

A cross border solution?

*by John Whelan  
Managing Director  
Digital Assets*

*Twitter: @\_johnwhelan*



# Forms of money

## Commercial bank money

1. Money in a bank account

## Central Bank Money

1. Cash (in your pocket)
2. Reserves (in a central bank account)
3. CBDC (on your phone)?

# Digital currency – three tests

1. Can it be downloaded to a phone?
2. Is it programmable?
3. Is it composable? I.e. does it interoperate seamlessly with other digital forms of value?

**Today's money is electronic. It is not digital.**

# Central bank digital currencies – open questions

1. Direct to consumer?
2. Remuneration?
3. Holding limits?
4. Wholesale or retail?
5. Public/private partnership?

**Let's try not to create a "dumb" smart money!**

### Company Overview

- Founded in May 2019 to create a network of decentralised Financial Market Infrastructures (dFMIs) to deliver the means of payment-on-chain in wholesale banking markets
- Funding to date: £55m raise through Series A and A+ investment rounds
- Backed by a consortium of global financial institutions with equal shareholdings: 14 banks and 1 Financial Market Infrastructure company across Finality's initial target jurisdictions
- Headquartered in London with ~40 FTEs

### What We Do



We are developing peer-to-peer payment systems, underpinned by DLT, initially focused on five key currencies: USD, EUR, GBP, JPY, CAD.



Finality Global Payments will enable instant settlement, cross-border and near 24/7, for wholesale payments, Payment vs Payment (PvP) and Delivery vs. Payment (DvP) transactions



Our solution will reduce credit risk exposures by enabling atomic settlement in a settlement asset backed 1-1 to fiat currency held directly in a Central Bank reserve account.

### Founding Investors



BNY MELLON

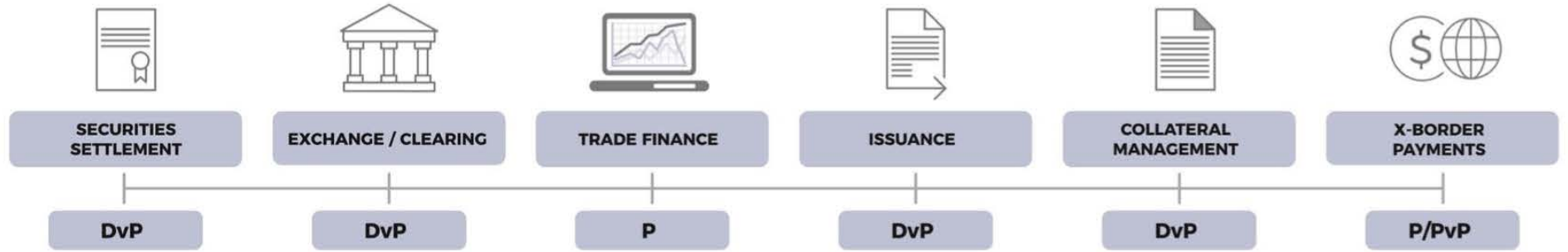


# The Fnality Ecosystem



FNALITY

Platforms  
& Business  
Applications



Interoperability

BUILT BY FNALITY

Foundations



# Gracias.

Nuestro propósito es ayudar a personas y empresas a prosperar.

Nuestra cultura se basa en la creencia de que todo lo que hacemos debe ser

## Sencillo Personal Justo

**John Whelan**

Head of Digital Assets

john.whelan@gruposantander.com

+34 615 902 814

@\_johnwhelan

