



BANK FOR INTERNATIONAL SETTLEMENTS

The Practitioner's Perspective

Panel discussion by Agustín Carstens
General Manager, Bank for International Settlements

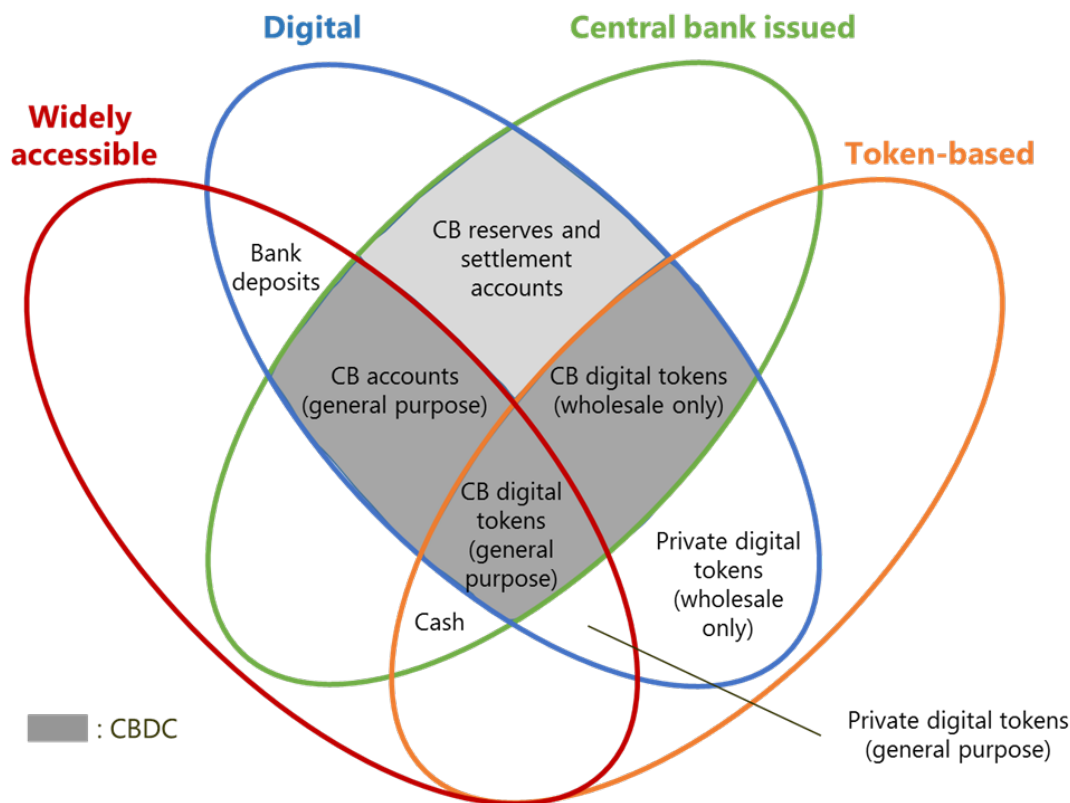
The Workshop on Digital Currency Economics and Policy
Singapore, 16 November 2018



Money Flower: a TV series



The Money Flower: a taxonomy of money

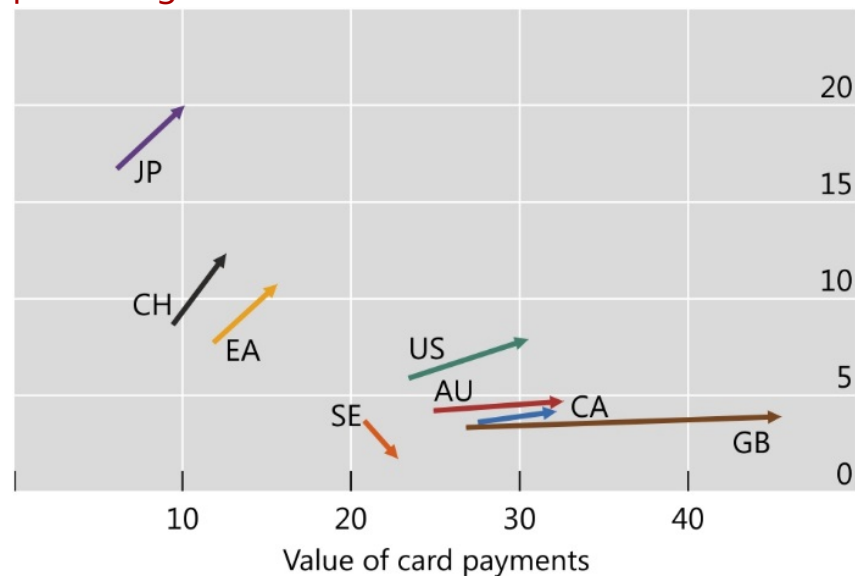


The Venn diagram illustrates the four key properties of money: issuer (central bank or not); form (digital or physical); accessibility (widely or restricted); and technology (account-based or token-based). CB = central bank; CBDC = central bank digital currency (excluding digital central bank money already available to monetary counterparties and some non-monetary counterparties). Private digital tokens (general purpose) include cryptoassets and currencies, such as bitcoin and ethereum. Bank deposits are not widely accessible in all jurisdictions. For examples of how other forms of money may fit in the diagram, please refer to the source.

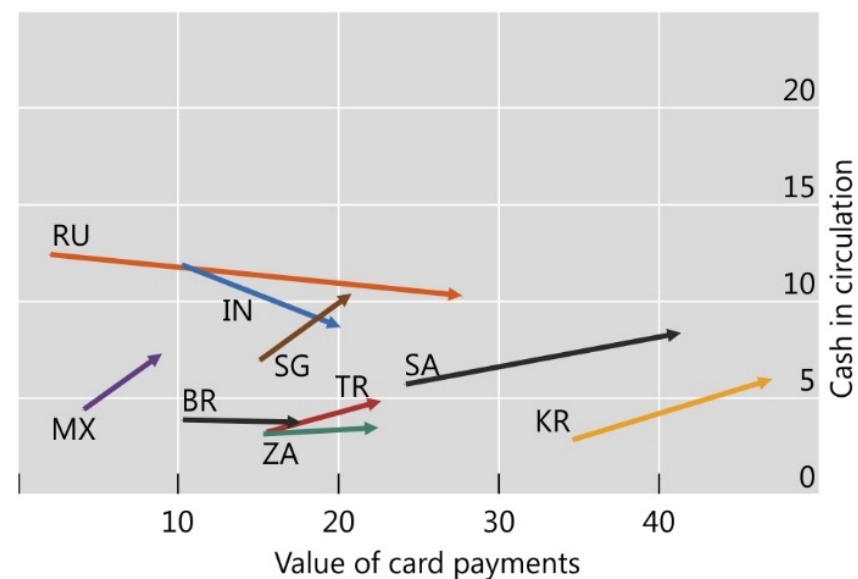
Source: Based on M Bech and R Garratt, "Central bank cryptocurrencies", BIS Quarterly Review, September 2017, pp 55–70.

Card payments and cash in circulation across the world

Advanced economies, 2007-16 change, as a percentage of GDP



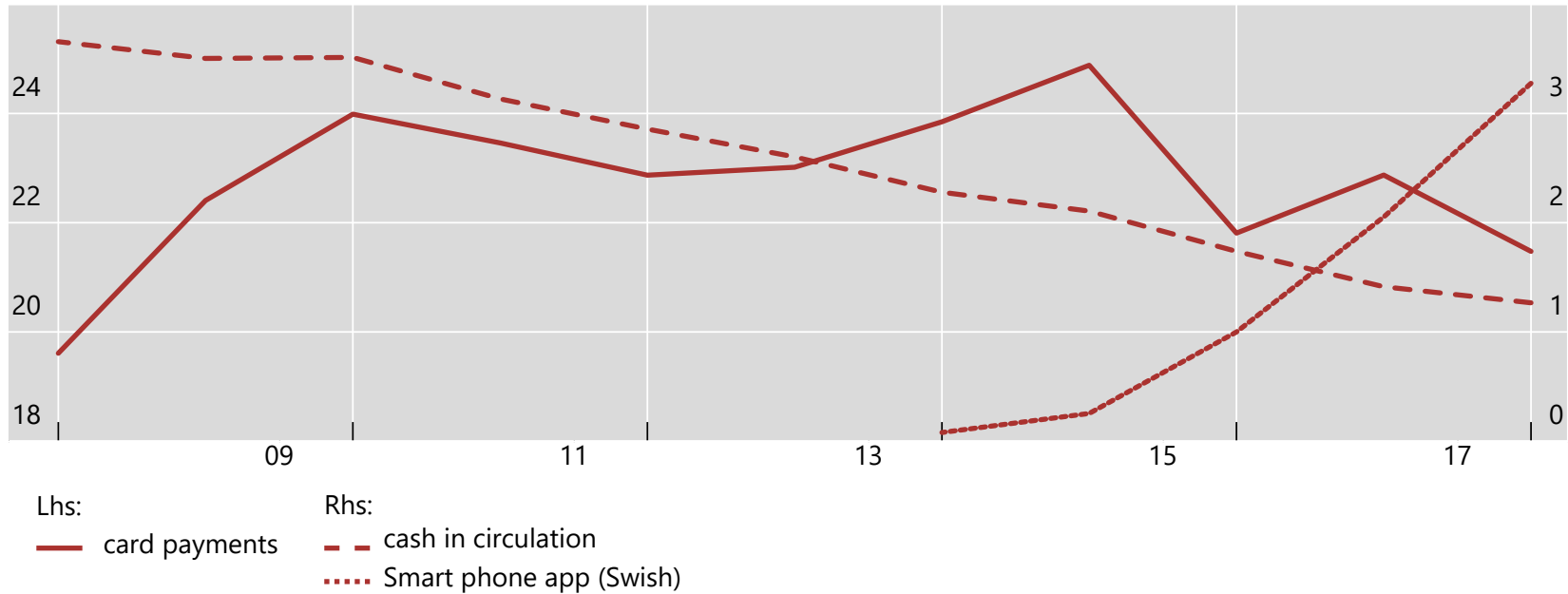
Emerging markets, 2007-16 change, as a percentage of GDP



Source: M Bech, U Faruqi, F Ougaard and C Picillo (2018): "Payments are a-changin' but cash still rules", *BIS Quarterly Review*, March 2018, pp 67–80.

Card payments and cash in circulation in Sweden

As a percentage of GDP

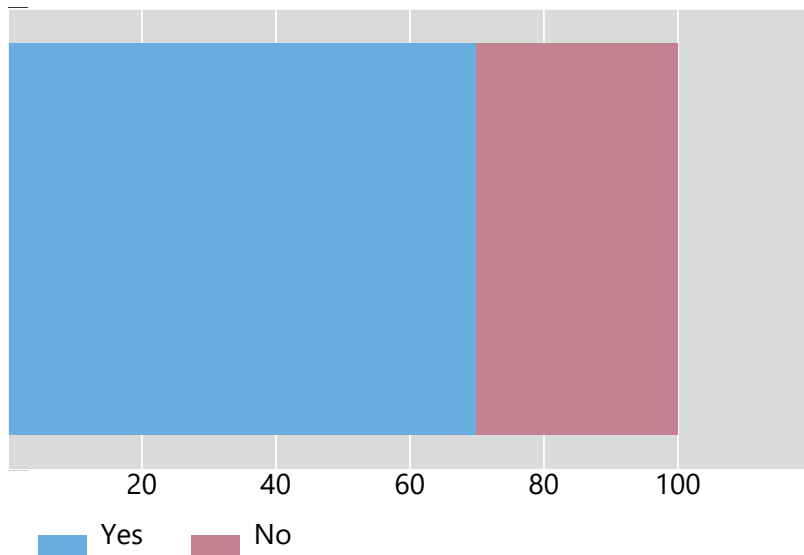


Source: CPMI Red Book and Swish statistics 2012-2017.

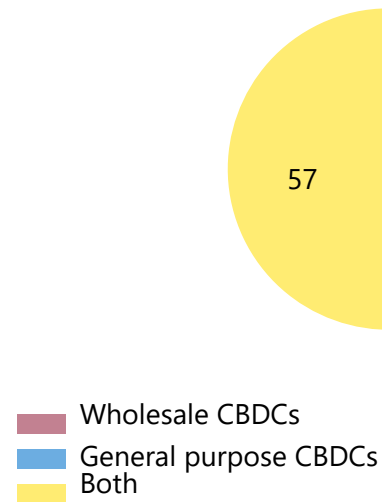
CBDC work

Share of respondents

Engagement in CBDC work



Focus of work¹



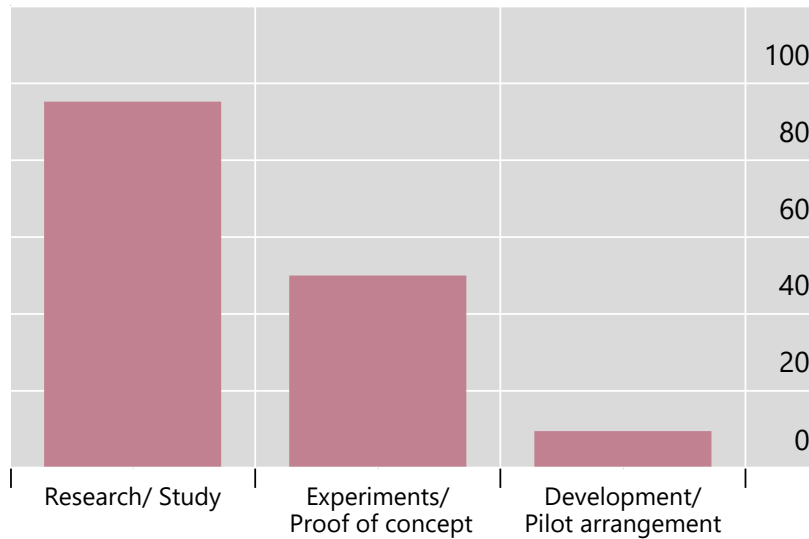
¹ Share of respondents who are conducting work on CBDC

Sources: CPMI central bank survey on CBDC and digital tokens.

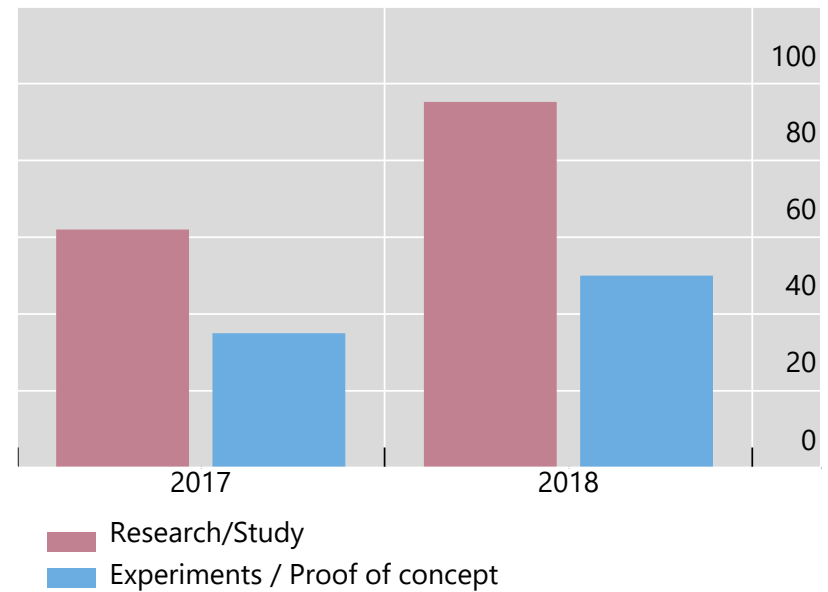
Type of CBDC work

Share of respondents who are conducting work on CBDC

2018 Survey



Over time

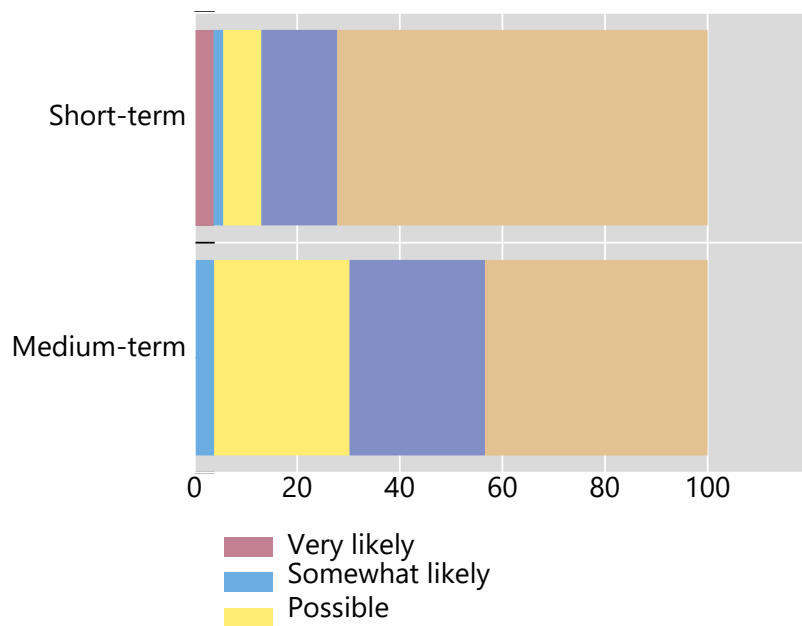


Sources: CPMI central bank survey on CBDC and digital tokens.

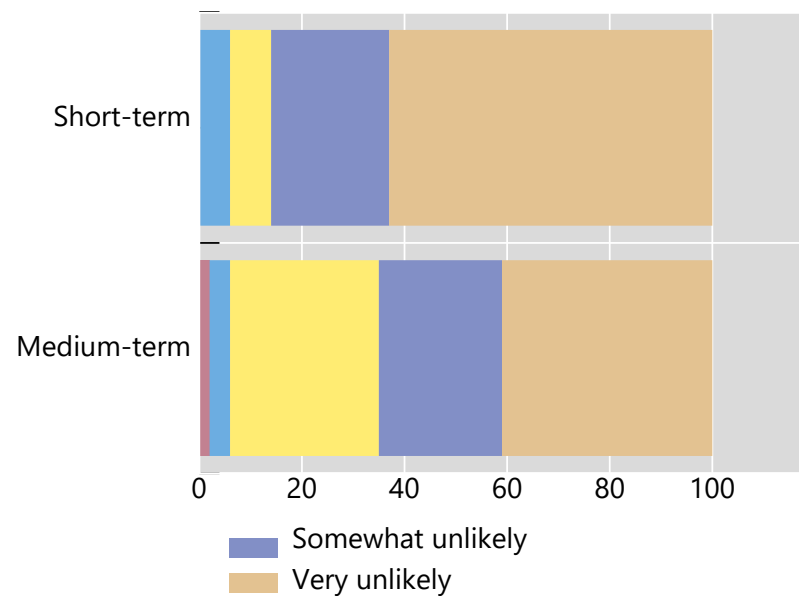
Likelihood of issuing a CBDC

Share of respondents

General-purpose CBDC



Wholesale CBDC



Sources: CPMI central bank survey on CBDC and digital tokens.