

Payments and Fintech

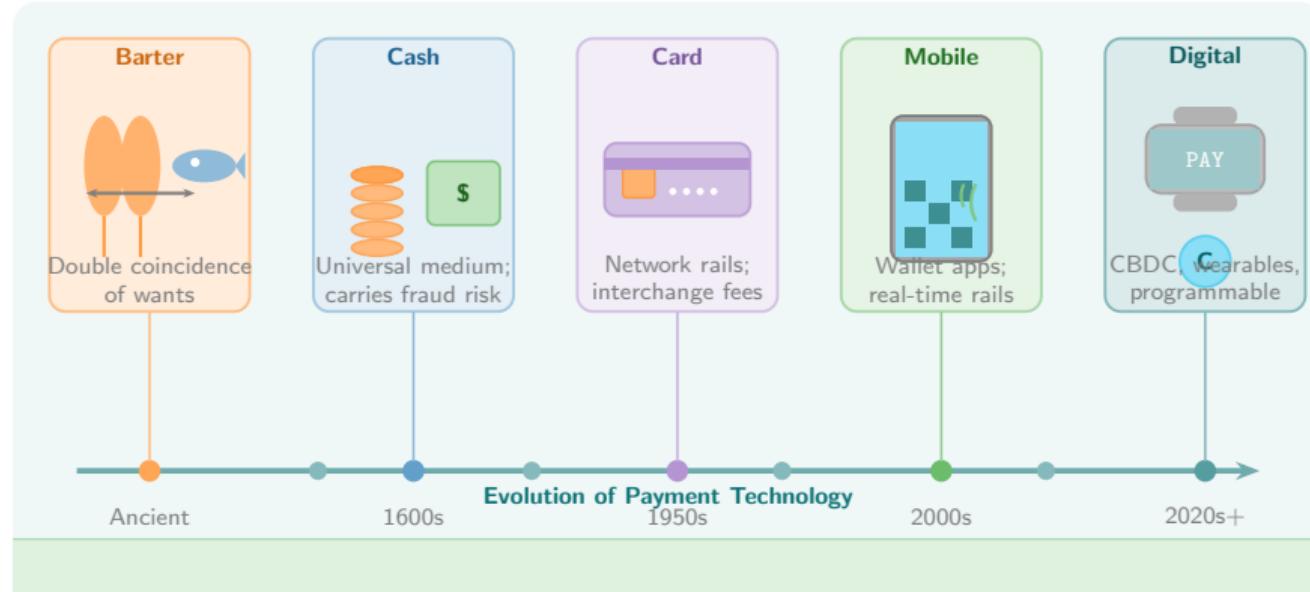
5-Slide Teaser

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Why Payments? From Barter to Tap-to-Pay



Slide 1/5 — WHY — Every payment era solved the friction of the prior one – fintech targets the remaining frictions of speed, cost, and access.

What Are the Payment Methods? A Comparative View

Illustrative Comparison of Payment Methods Across Key Dimensions

Method	Settlement Speed	Cost to Merchant	Privacy	Global Reach	Offline?
Cash	Instant (T+0)	Near zero	High (anonymous)	Domestic only	Yes
Debit / Credit Card	T+1 to T+2	1–3% interchange	Low (tracked)	International	No
Mobile Wallet	Near-instant	0.5–1.5%	Low (data collected)	Growing	Partial
Bank Transfer / RTGS	Instant or T+1	Low (flat fee)	Moderate	Limited by rails	No
Stablecoin	Minutes (T+0)	Very low	Pseudonymous	Global	No
CBDC	Instant (T+0)	Potentially zero	Low (state visibility)	Bilateral CBs	Designed for it

No Single Winner

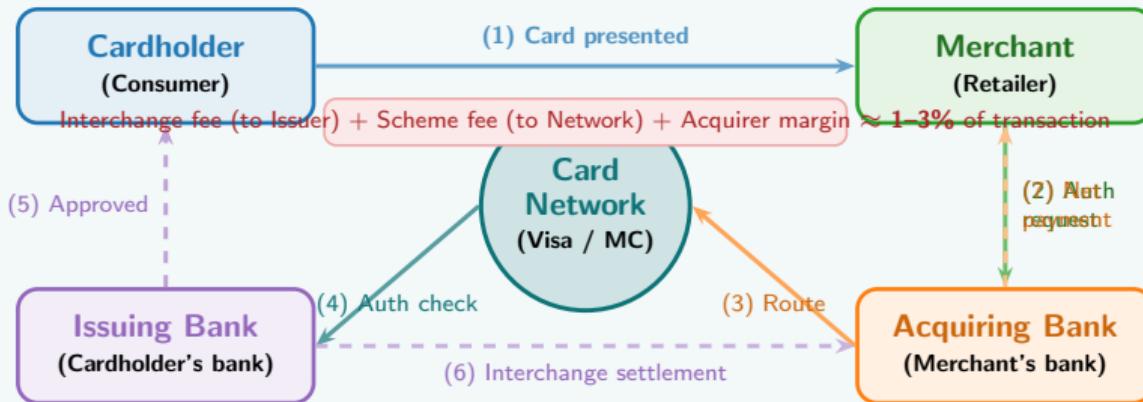
Each method trades off cost, speed, privacy, and reach differently. The “best” payment method depends on the **use case**: micro-payment, cross-border, retail, or wholesale.

The Friction Lens

Fintech competes by **reducing one friction at a time**: cards cut cash-handling cost; wallets cut card friction; stablecoins cut FX conversion delays.

How Do Card Payments Flow? The Four-Party Model

The Four-Party (“Quadrupartite”) Card Model – Illustrative Flow

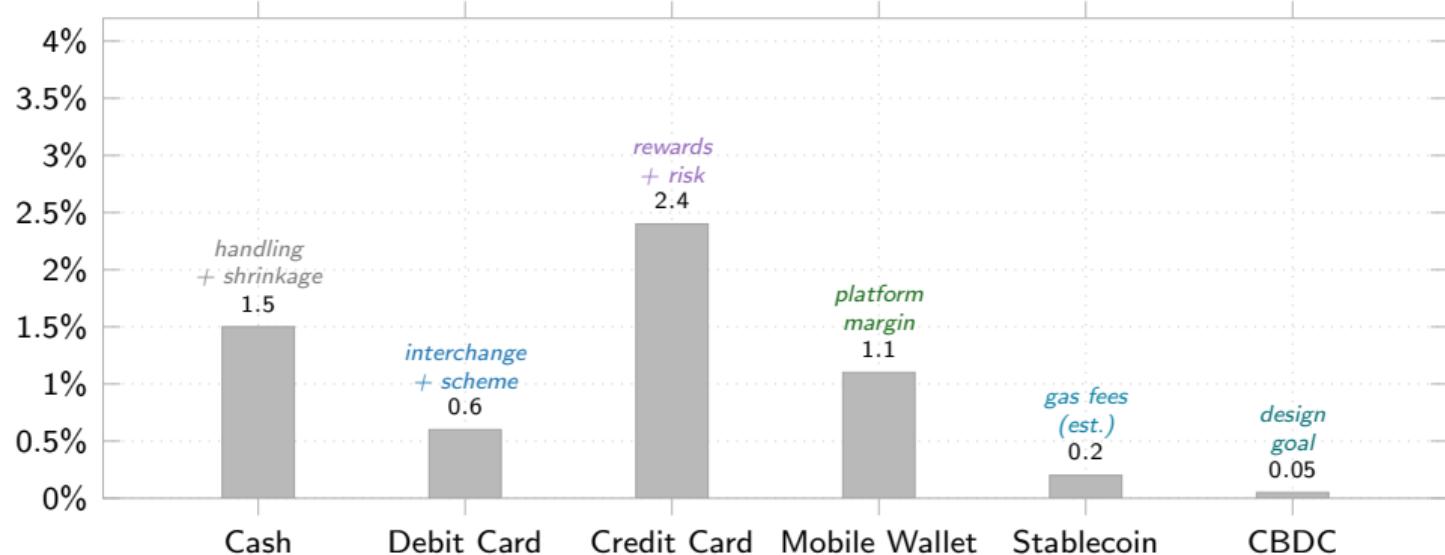


Slide 3/5 — FLOW — The four-party model dates to the 1960s. Fintech attacks each leg: neo-banks on issuing, PayFacs on acquiring, stablecoins on the network.

Where Does the Money Go? Illustrative Merchant Cost by Payment Type

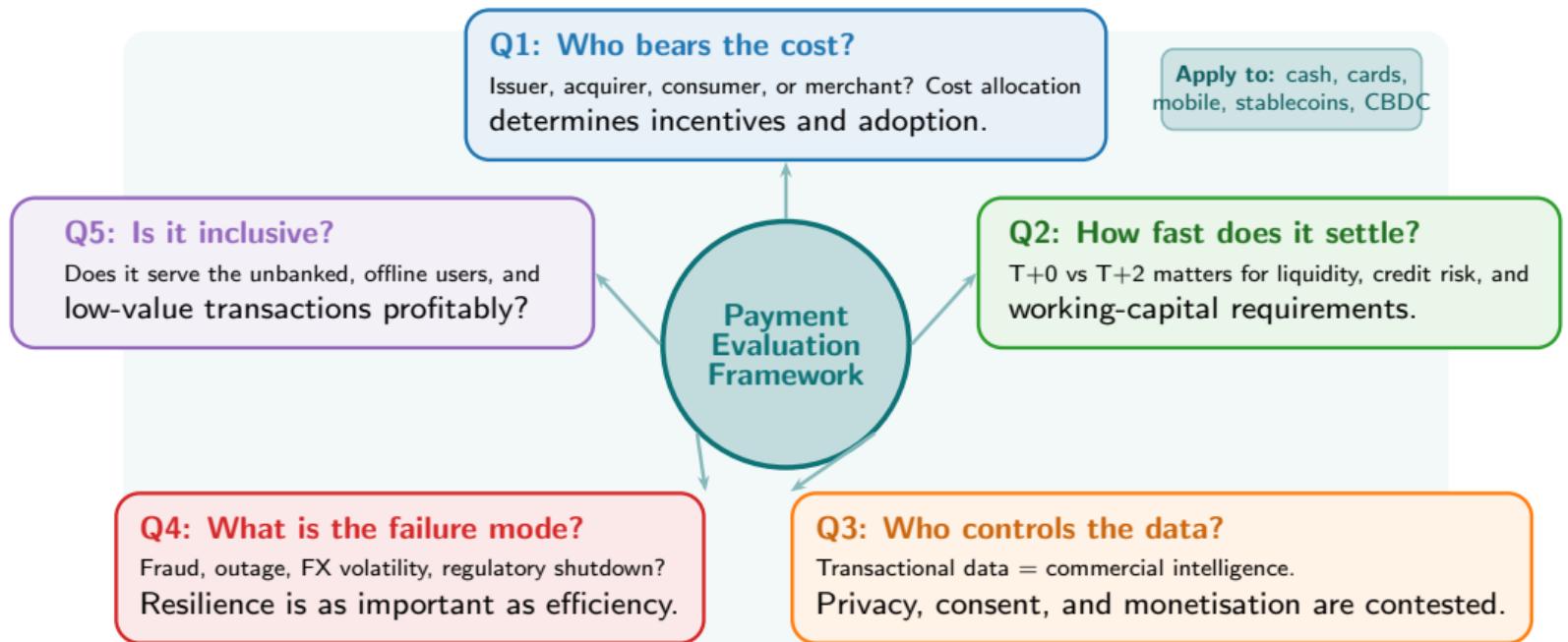
Illustrative Merchant Cost (% of transaction value)

Illustrative All-In Merchant Cost by Payment Rail



All figures are purely illustrative for teaching purposes. Actual costs vary by country, volume, contract, and product type.

So What? A Framework for Evaluating Any Payment System



Slide 5/5 — SO WHAT — Five questions, any rail: cost allocation, settlement speed, data control, failure modes, and inclusion — evaluate any payment system with this lens.