ADVANCING ON CASHLESS SOCIETY:
THAILAND’S NATIONAL E-PAYMENT MASTER PLAN

Dr. Anuchit Anuchitanukul
Advisor, National e-Payment Committee
Key National Digital Infrastructure

Part I: National ePayment Plans
- Domestic Financial Infrastructure
  - Bank/E-money/Tax/Trade/Government

Part II: Capital Markets Infrastructure
- Equity/Bond/Funds

Part III: Regional/International Interconnection
- Payment/Settlement/eCommerce/Import/Export
Part I
Domestic Financial Infrastructure
Bank/E-money/Tax/Trade/Government

AnyID: ID Based Payment Infrastructure

Card Based Infrastructure

Electronic Tax & Trade Document

Gov ePayment & Welfare Management

ePayment Promotion programs

Part II
Capital Markets Infrastructure
Equity/Bond/Funds

T+2 Settlement

Liquidity-efficient Settlement System
(Synchronized & Reserved)

Fund Connect

Part III
Regional/International Interconnection
Payment/Settlement/eCommerce/Import/Export

PromptPay
...after the first year in operation

3,600,000,000,000 Baht transferred

718,000,000 transactions
Average 3,900,000 trans/day
Peak 6,500,000 trans/day
Growing at 35% m-o-m

45,200,000 user registration / IDs
28,900,000 unique national IDs
16,100,000 mobile phone numbers
69,000 unique corporate IDs
150,393 e-Wallet IDs
Disrupting the Payment Landscape …

Value by Channel (Bilion Baht)

- Internet and Mobile Banking
- ATM Branch

Source: Bank of Thailand

- Start Project on Feb'16
- All Banks announce “No Fee” Campaign on Mar 26, 2018.

Source: Bank of Thailand
Average Transaction Size 5,400 Baht (~USD$174) getting lower every day toward smaller transactions

Source: Bank of Thailand
Payment via National ID

e.g. Welfare payment

If payee links citizen id to an account, the money is transfer into the account immediately.

Then, the payee can open a new bank account/ eWallet, or use an existing bank account/ eWallet to link and receive money.

Citizens don’t need an account before receiving payment, and can change bank account anytime without informing government.

Government agencies do not have to maintain a database of citizen’s bank accounts

Payer (e.g. Government)

If the citizen id is not linked to an account, the money is waiting for the payee in the citizen id.

After registration of Citizen ID2, money is automatically transferred into the linked account.
Welfare Management Reform
... for efficiency and for fighting corruption

Integration of Welfare Databases:
14 Million Citizen with sufficient data to drive
gov policy analysis/implementation

12,000,000,000 Baht: Welfare package
distributed through the new payment system

45,000,000 transactions