

ADB



**ASIA-PACIFIC**  
**SOCIAL PROTECTION WEEK 2023**  
**Social Protection in a Changing World**

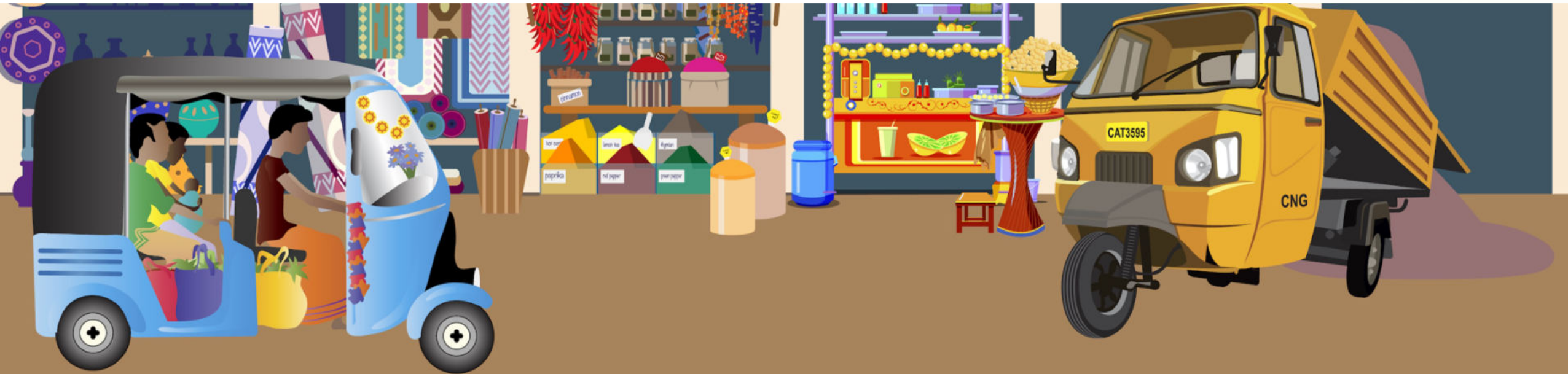
26–28 September • ADB Headquarters, Manila, Philippines

# DPIs and Social Protection

## The India Journey

**Kiran Anandampillai**

Advisor – Technology  
National Health Authority



# India's DPI Journey

Enabling Identity, Bank accounts, Payments at scale ..

# India is large and diverse



**1.4 B**illion people

**22** official languages

**1 B**illion mobile connections

**800 M**illion Internet Users

**6%** pay income tax

# Back in 2008...



only **17%**  
had bank accounts

**Financial exclusion**

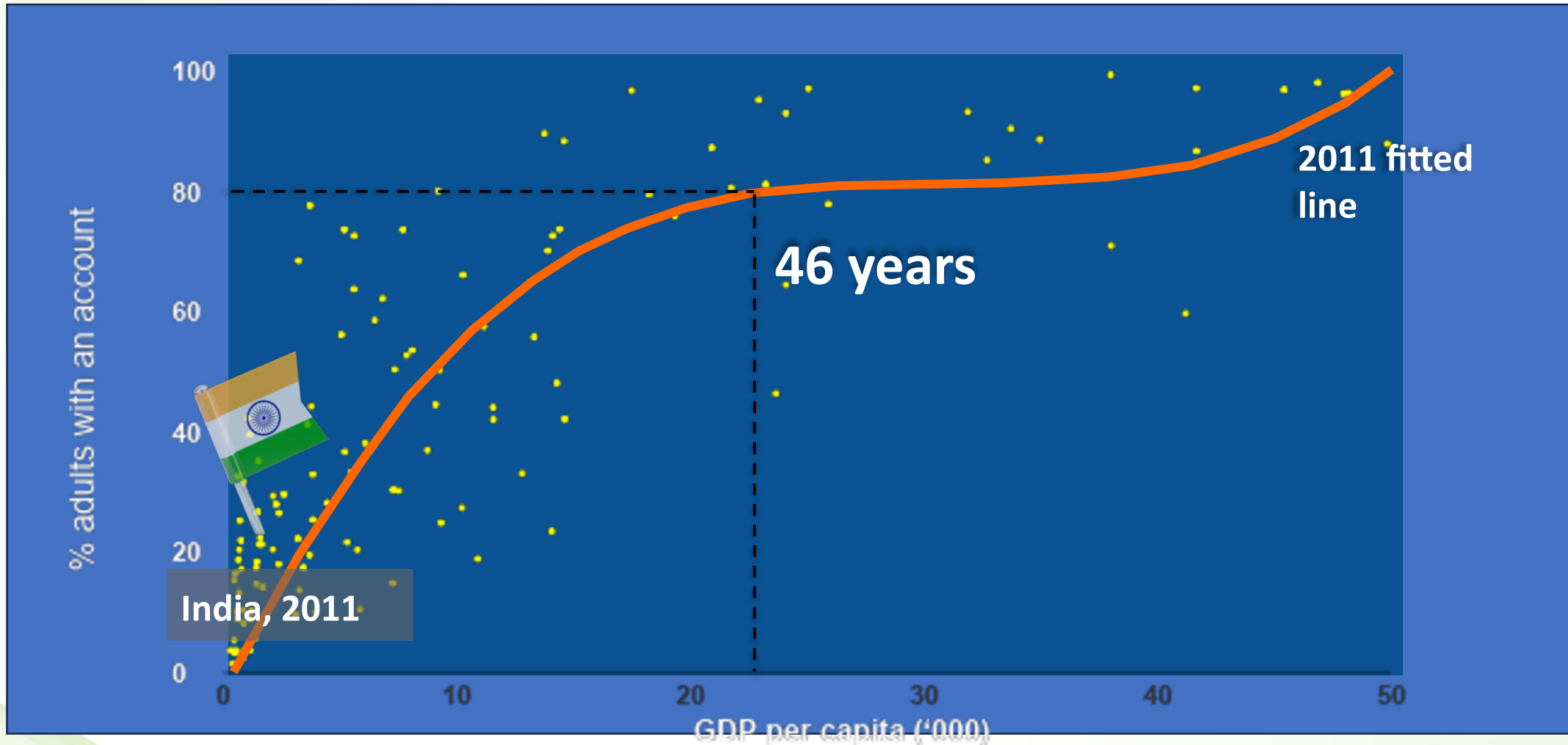


**~\$50 B**  
was spent on direct subsidy

**Diversion and leakage**

Source : A Demirgüç-Kunt, L Klapper, D Singer, S Ansar, and J Hess, "The Global Findex Database 2017: Measuring Financial Inclusion and the Fintech Revolution", World Bank, 2017.  
INTERNAL. This information is accessible to ADB Management and staff. It may be shared outside ADB with appropriate permission.

# India would have taken 46 years to get to above 80% bank account penetration

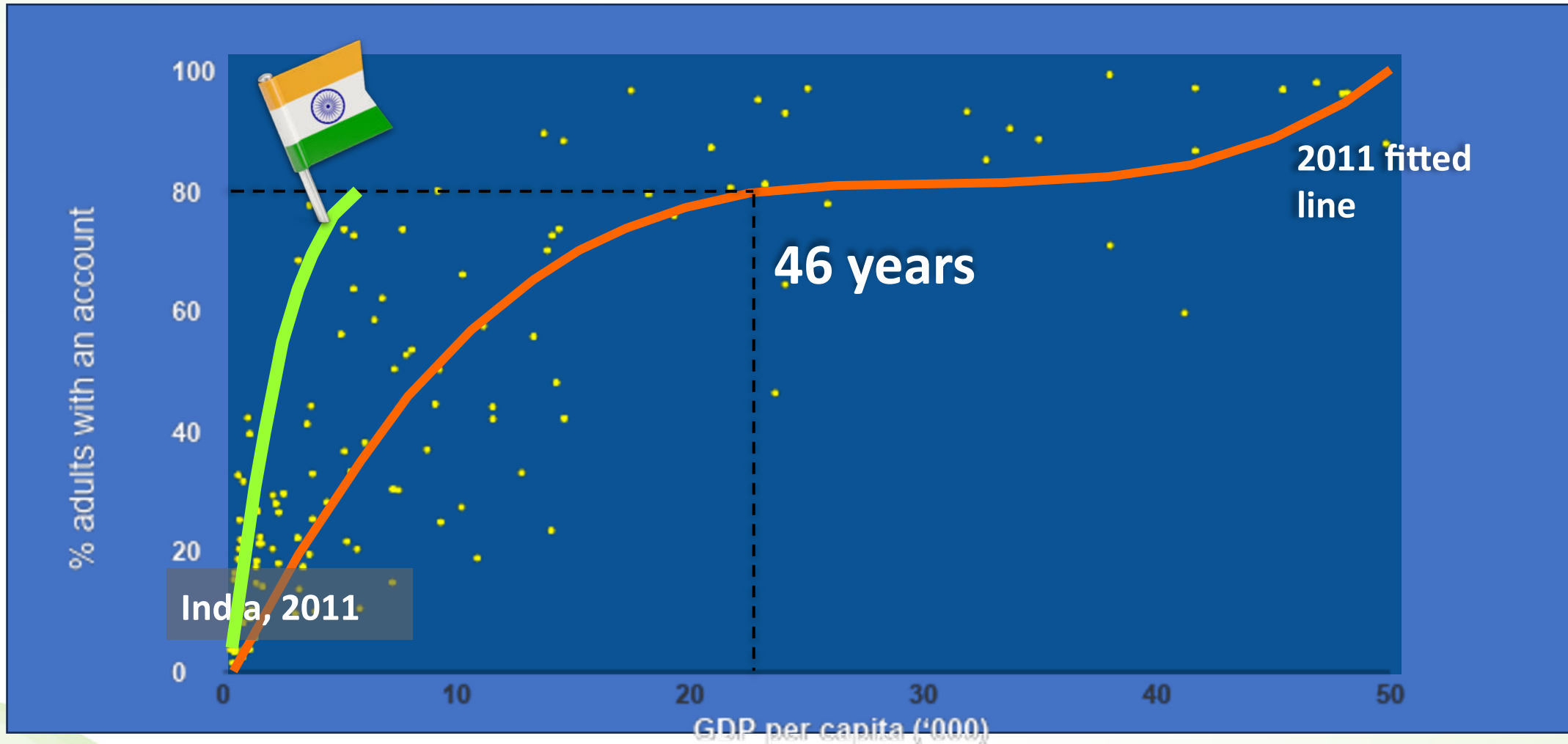


Source : BIS Analysis

Source : A Demirgüç-Kunt, L Klapper, D Singer, S Ansar, and J Hess, "The Global Index

Database 2017: Measuring Financial Inclusion and the Fintech Revolution", World Bank, 2017.

... but it only took 6 years to achieve the target!!!



Source : BIS Analysis

Source : A Demirgüç-Kunt, L Klapper, D Singer, S Ansar, and J Hess, "The Global Index

Catalase 2017: Measuring Financial Inclusion and the Fintech Revolution", World Bank 2017

INTERNAL. This information is accessible to ADB Management and staff. It may be shared outside ADB with appropriate permission.

Content of this deck is licensed under CC BY-SA

# During last decade

India built the world's largest direct benefit transfer system

**310+** federal schemes

**600+** state schemes

**~650 Mn**

people can now receive money digitally

**\$322 Bn**

transferred directly so far

**Savings > \$27 Bn**

Just across key federal schemes



**India is solving these population scale challenges via**

# **Digital Public Infrastructure**

**ushering inclusive, exponential transformation**

# Identity Infrastructure

Digital ID for both public and private innovation



**AADHAAR**

**Unique digital identity**

**Foundational**

**Designed for innovation**

**Secure and Privacy Preserving**



**1.35 Bn**

IDs issued



**860 M**

ID linked bank accounts

470 Mn opened in last 8 years!!



**79 Bn**

ID authentications

1.5 Bn auths / month

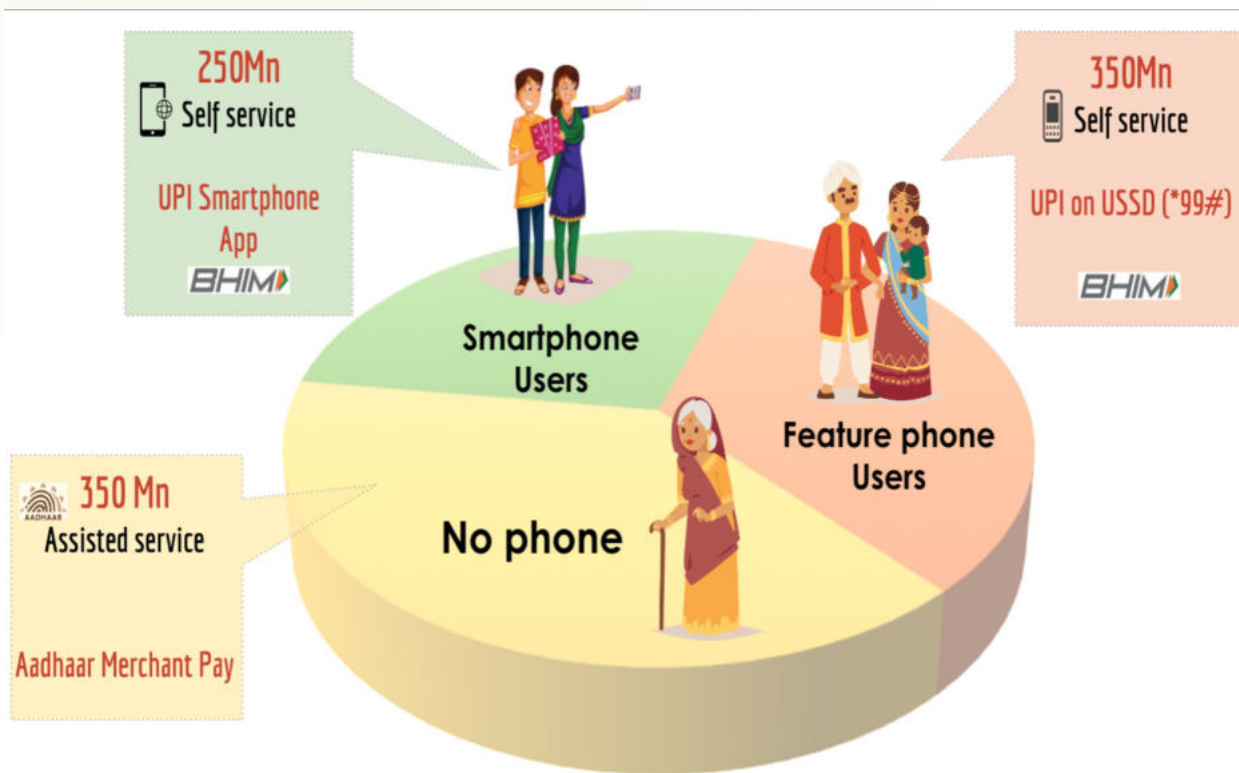


**13 Bn**

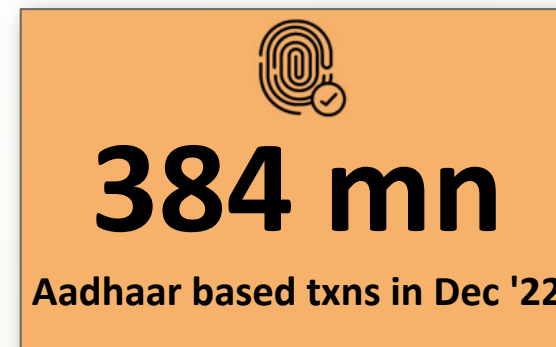
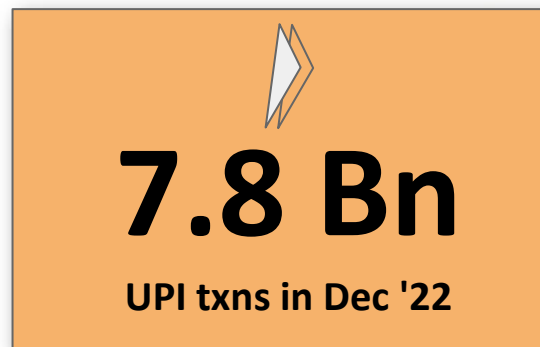
e-KYC transactions

# Real time payment Infrastructure

Banks, PPIs, apps, multiple interfaces, all on common interoperable digital rails



**Inclusive  
Interoperable**



# UPI growth driven by open ecosystem

**380+ banks/wallets, 66 apps, 22 languages, millions of merchants!**

**6.8 Billion txns a month, \$1 trillion moved on UPI last year**



BUSINESS

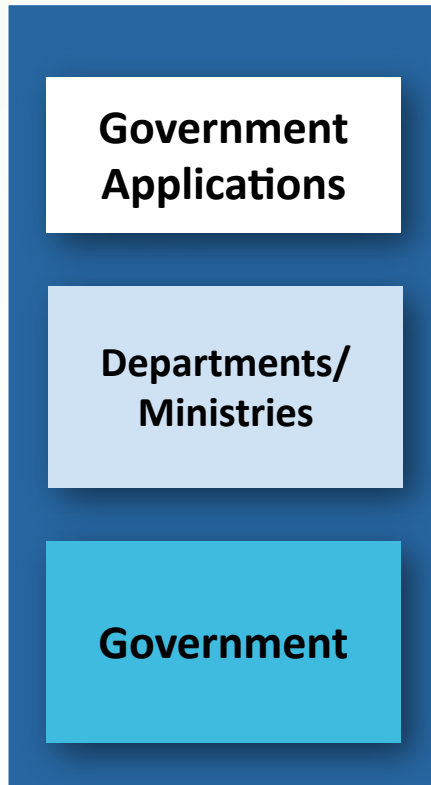
## UPI Breaks All Record: Annual Transactions Cross \$1 Trillion Mark With 102% Growth In 1 Year!

By Shreya Bose — Last updated Apr 2, 2022



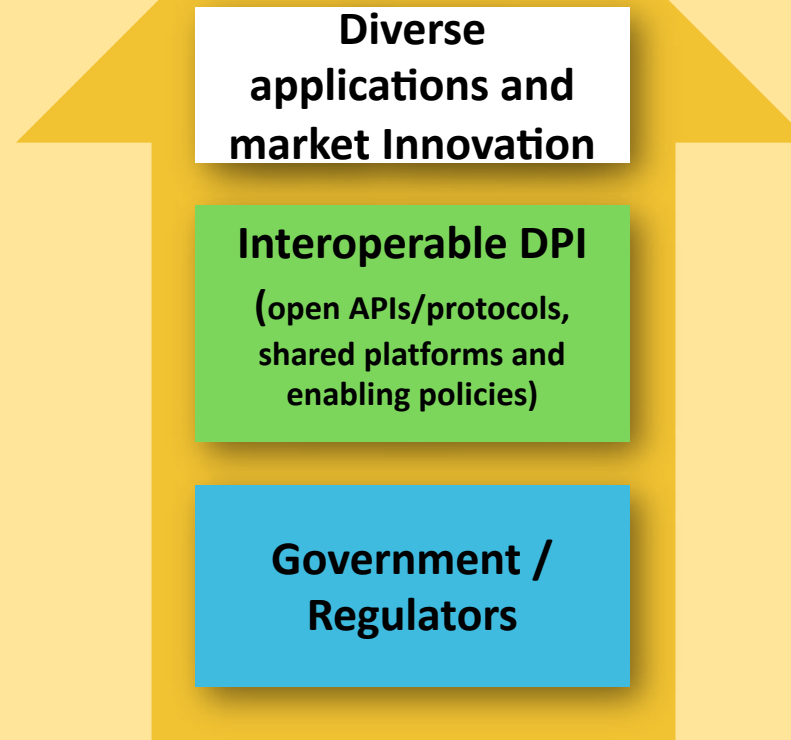
## All Govt Approach

*Single Provider  
Slow Innovation*



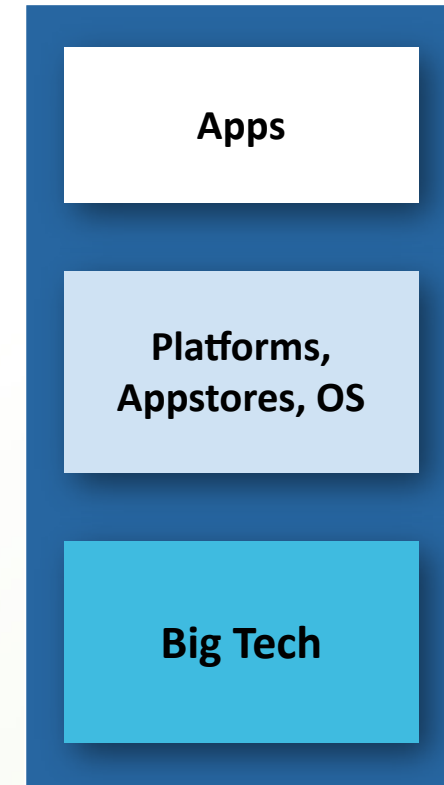
## DPI Approach

*Addresses diversity & choice  
Encourages Innovation & competition,  
Ensures openness and sovereignty*



## Big Tech Approach

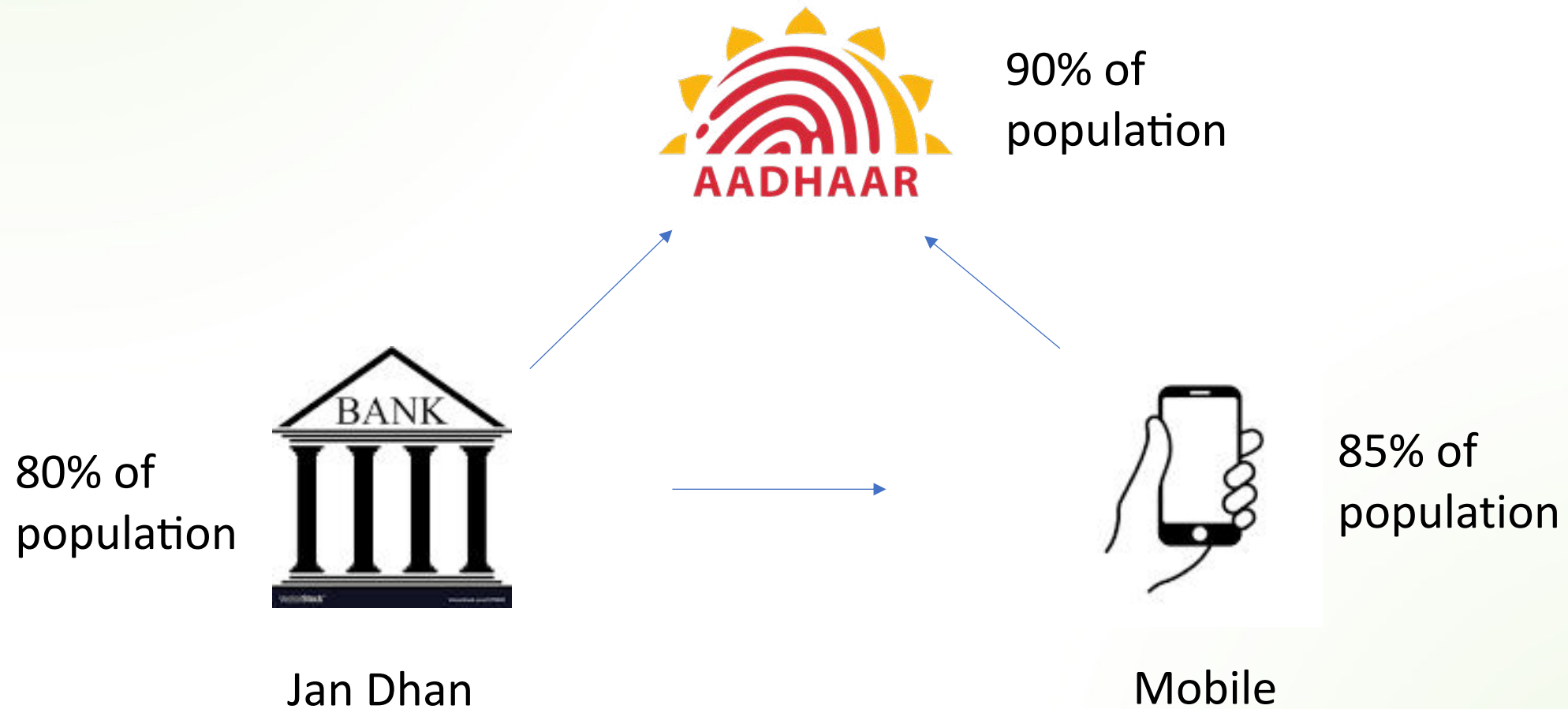
*Lack of interoperability  
Lack of competition*



# Leveraging DPIs for Social Protection

Life insurance, Disability & Accident Insurance, Health Insurance

# India's J-A-M Trinity



# Life, Accidental Death & Disability Cover schemes

## PMJJBY

(Pradhan Mantri Jeevan Jyoti Bhima Yojana)  
A term life policy for anyone between 18 to 50 years providing a cover of Rs 200K (~ \$2400 USD) for an annual premium of Rs 436 (~5.26 USD)

## PMSBY

(Pradhan Mantri Suraksha Bhima Yojana)  
Accidental Death and Disability cover for anyone between 18 to 70 years of Rs 200K (~ \$2400 USD) for an annual premium of Rs 20 (~0.2 USD)

## Simple to enroll

Provide mandate to auto-debit your bank account via SMS, internet banking or by visiting your bank branch.



# Covering the Vulnerable at Scale

## Enrollment in PMJJBY & PMSBY



Male: 48%

Female: 51%



Urban: 28%

Rural: 71%

## PMJJBY – Life Cover

**162 Mn** enrolled

**1.6 B USD** paid for **664K** claims

## PMSBY – Accident & Disability Cover

**341 Mn** enrolled

**277 M USD** paid for **115K** claims

# Brought Resilience

During COVID, India fully leveraged the G2P infrastructure

**\$4.5 Bn**

was transferred during the COVID pandemic into bank accounts of

**160 Million** beneficiaries

**\$500 Mn** towards **22 Mn** construction workers

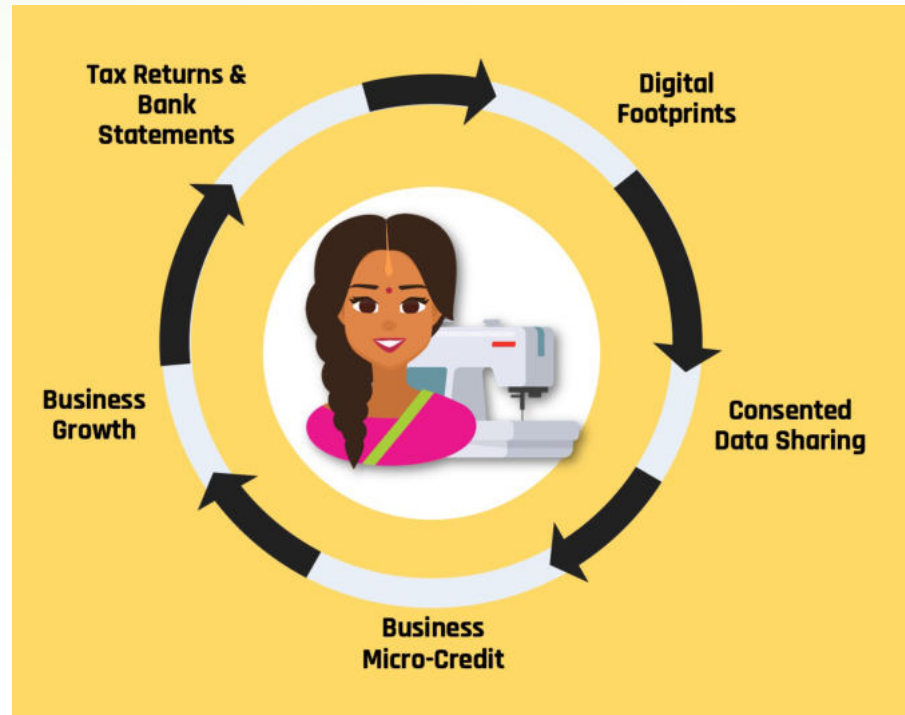
**\$2 Bn** towards **81.9 Mn** farmers

**\$1.2 Bn** towards **200 Mn** women

**\$12.2 Bn** towards rural job guarantee scheme

# INDIA's DPI Journey evolving to more sectors ..

Micro Credit for Small Business owners



**Account Aggregator & Open Credit Enablement Network**

Health Insurance for over 600 M low income population



Personal Health Records and easy claims management

**National Health Claims Exchange & Health Information Exchange & Consent Manager**

# The good news!

Much of the assets (protocols, software, policy templates, best practices, etc.) behind India's DPs are available freely for others to build their own DPs



and more ...



**Thank You!**

Kiran Anandampillai

[kiranma@gmail.com](mailto:kiranma@gmail.com)