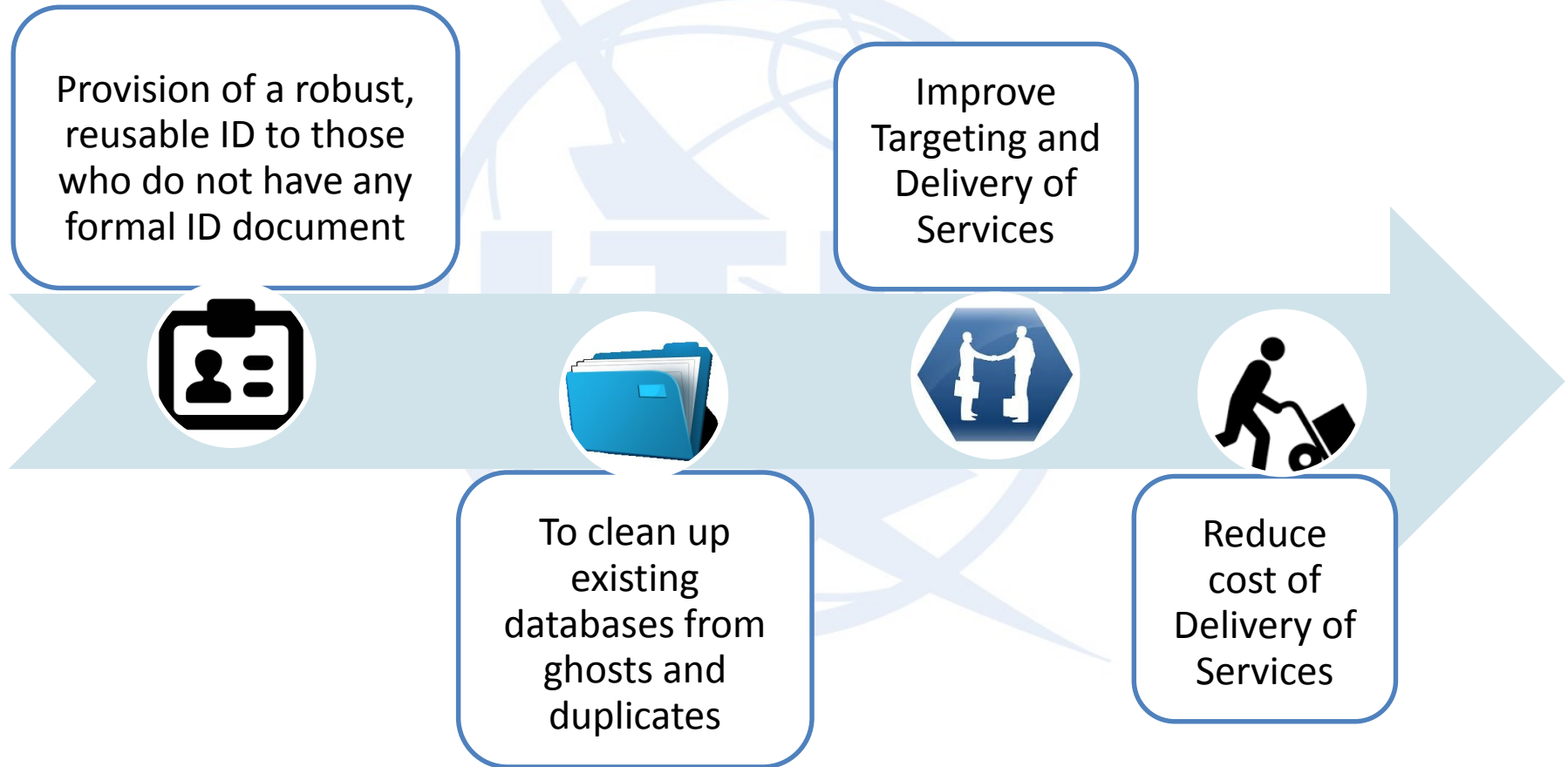

**ITU Workshop on Digital Financial Services and
Financial Inclusion
14 December 2015
Geneva, Switzerland**

**AADHAAR: AN ENABLER FOR FINANCIAL
INCLUSION**

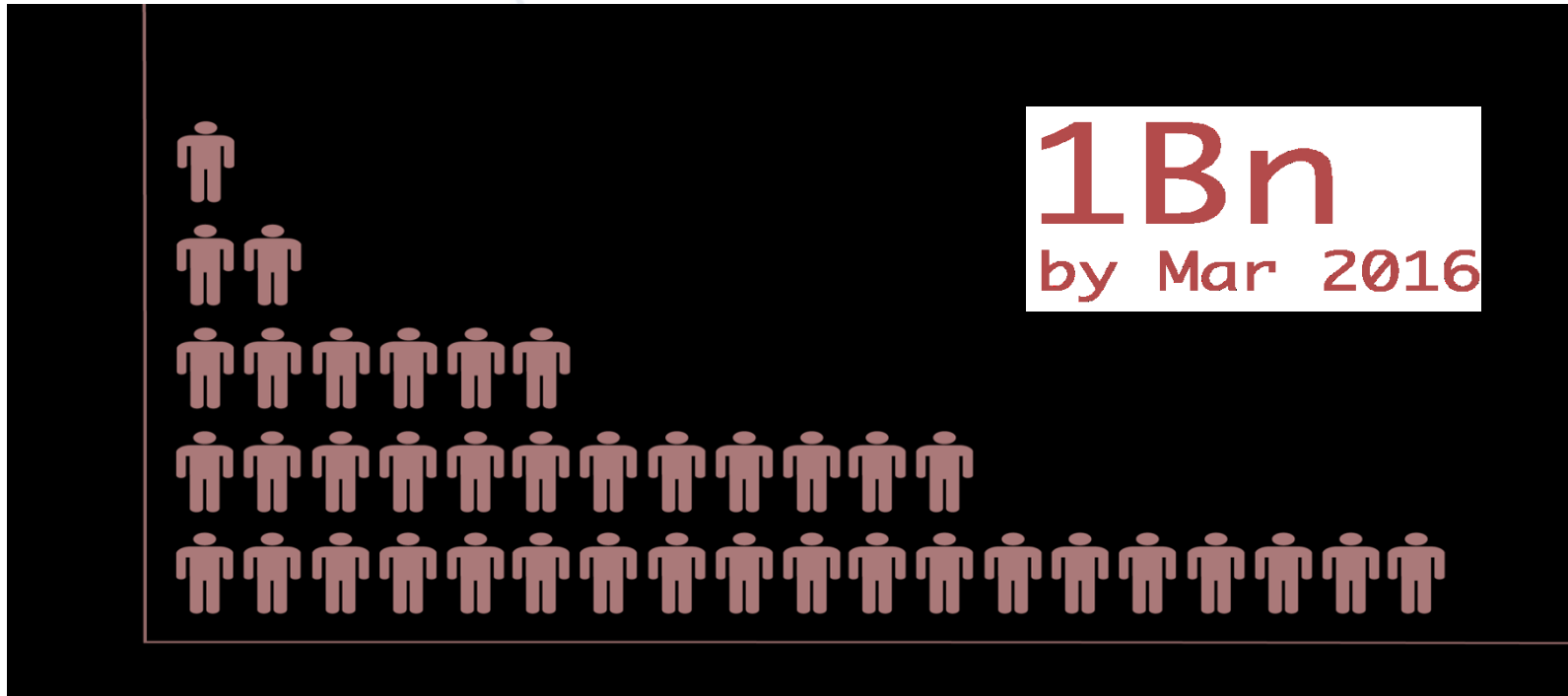
**Mr. R.S. Sharma
Chairman,**

**Telecom Regulatory Authority of India
Email: cp@traf.gov.in**

Digital ID Infrastructure : Context

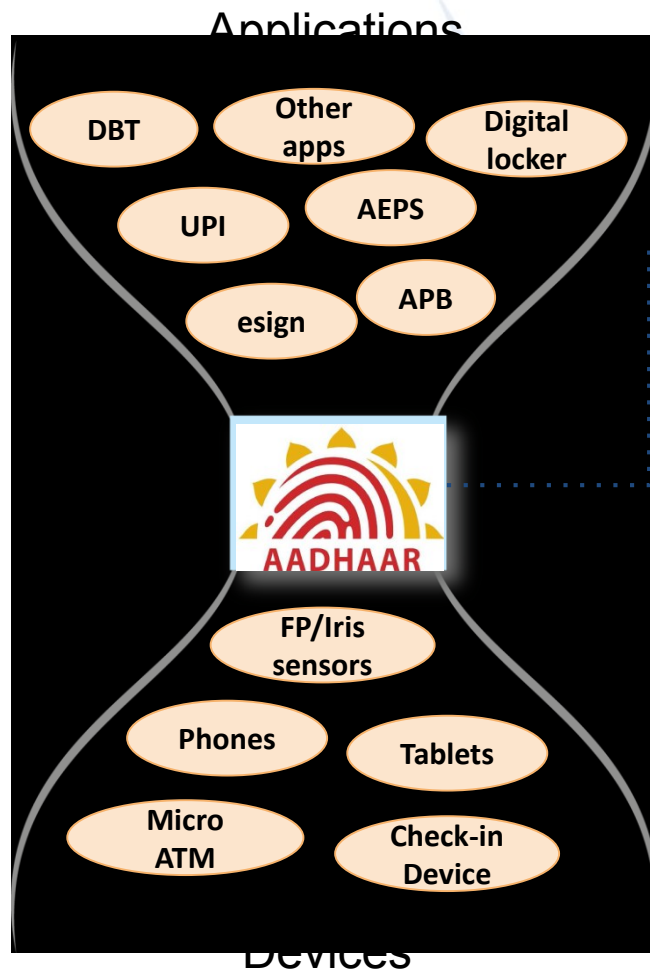


Journey of Aadhaar



- First Aadhaar issued in September 2010
- 940 million thus far @ 1 million per day
- Unique and Authenticable Digital ID Infrastructure

An 'hour-glass' platform architecture



- Minimal
- Standardized
- Simple design
- Easy to execute
- Easy to write a law

Allows innovation on all sides

JAM Trinity

Jan-Dhan

- A massive program of Financial Inclusion
- 190 million accounts opened

Aadhaar

- Digital-online ID Infrastructure
- More than 940 million IDs issued
- Unique and Authenticable

Mobile

- Tool to access internet and service delivery
- More than a billion mobile phones in India
- Lowest tariffs in the world

Aadhaar-based Technology Enablers for FI



- Open Bank Accounts using Aadhaar
- Linking of Aadhaar to existing bank accounts



- Aadhaar Payment Bridge (APB)
- Simplifies disbursement of funds – uses only one account for all disbursements

Transactions
(AEPS)

- Aadhaar Enabled Payments System (AEPS)
- Inter-operable, portable anytime anywhere

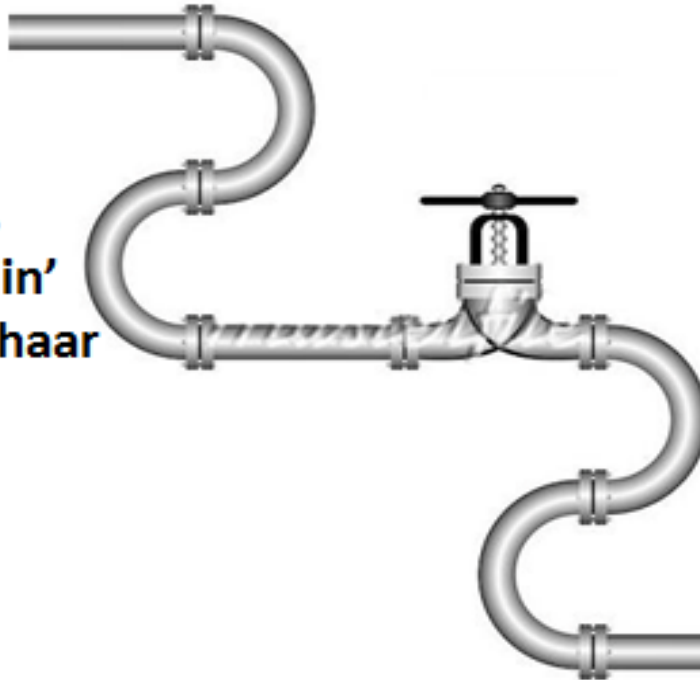
A direct pipe to the Resident



सत्यमेव जयते



**Government 'puts in'
money using an Aadhaar**



**Beneficiary 'takes out' his money using
same Aadhaar and his biometric**

India Technology Stack

Consent Layer

- Provides a modern privacy data sharing framework
- Open personal data store

Cash-less Layer

- Game changing electronic payment systems and transition to cashless economy
- IMPS, APB, AEPS and UPI

Paper-less Layer

- Rapidly growing paper-less, digitally authenticated shareable documents
- Powered by eKYC, e-Sign and Digital Locker

Presence-less Layer

- Unique Digital Biometric Identity with open-access to a billion people
- Powered by Aadhaar Authentication

Conclusion

- Aadhaar provides the foundation of technology stack to enable low-cost, technology-driven mobile banking
- Bringing down costs will result in inclusion
- India has the telecom experience of low value, large volume electronic transactions
- Payment banks must leverage these enablers and use technology for delivering low-cost frugal, yet a robust and secure banking to the people of India
- Consent-based architecture will ensure building of credit histories and credit availability to the rural poor (lowest default – highest interest rate)

Thanks!
Questions?

