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ICT and ID Management in the health sector

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HEALTH SECTOR GROUP

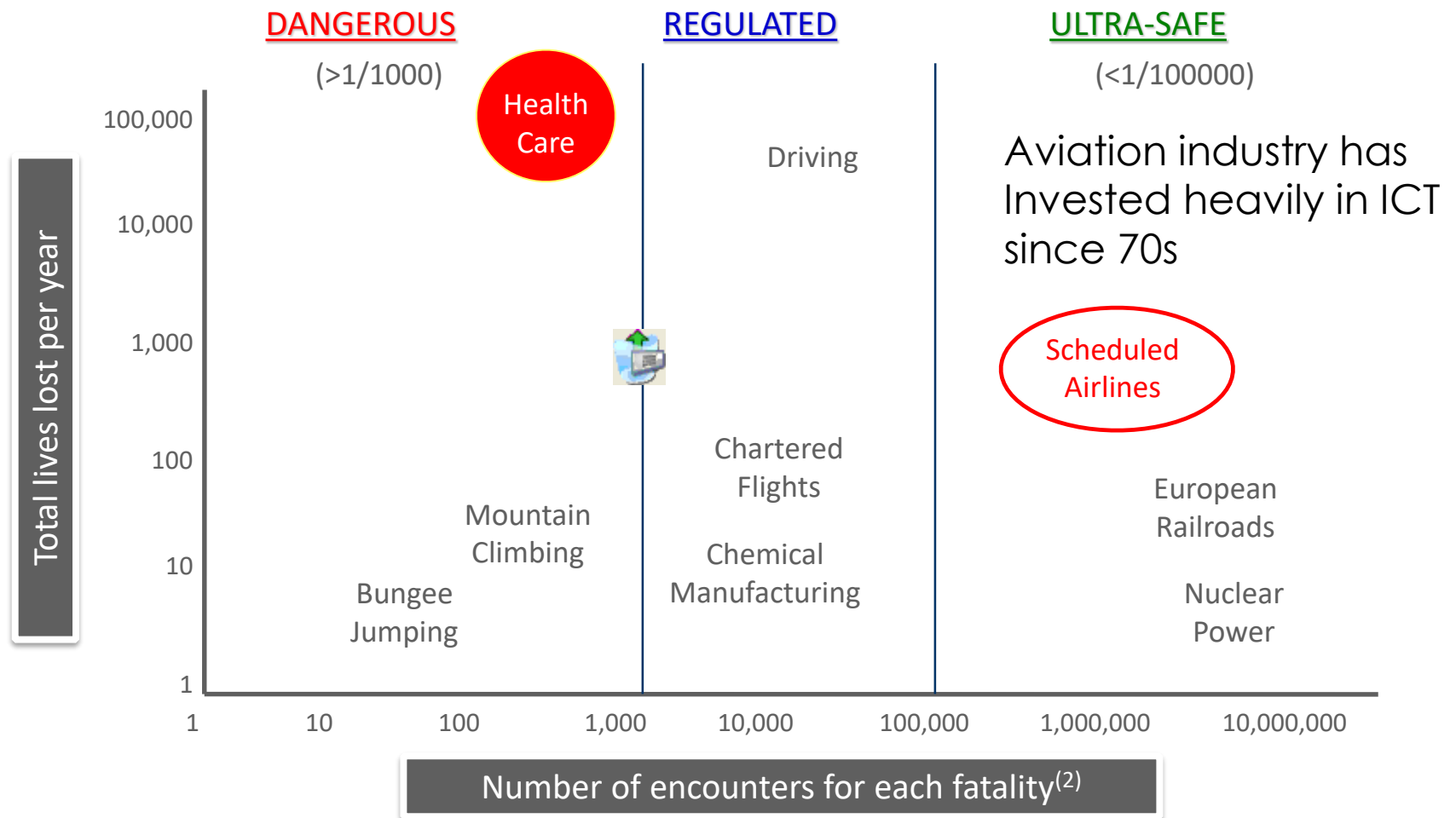
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Key Points

- ICT investments need to be made beyond one sector.
- Strong business case in the health sector.
- ICT in the health sector improves:
 - Quality and safety of Care
 - Continuum of Care
 - Efficiency of Care
 - Equity of Care
- ID is a crucial tool.

ICT enables safer Health Care

The right patients gets the service he or she needs and is entitled to



(1) Peter Pronovost, *Practical Tools to Improve Patient Safety*

(2) Lucian L. Leape, MD, Harvard School of Public Health, Psychiatric Society Risk Management Conference

CRVS

National IDs

Other SP programs

Health Insurance
Health Programs

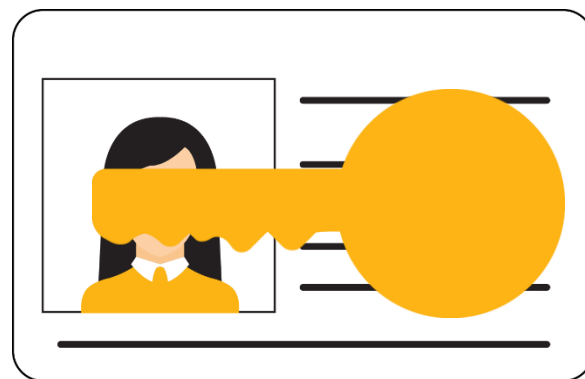


**E-governance
ICT infrastructure
Government Networks
Private Sector**

IDs to track people in ICT enabled health information systems



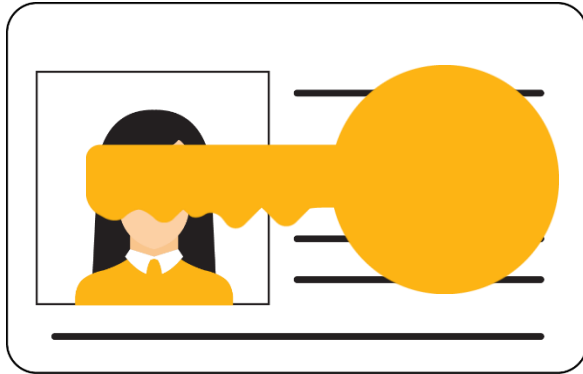
ICT
as a driver



Unique ID
as a tool



Unique ID helps track patients through their life course



- Ensure clients get the services entitled to
- Ensure efficiency of service delivery
- Provide continuum of care
- Improve planning of health services



Non-Communicable Diseases ↑

Population aging ↑

Unique Health ID is a tool to link health information systems

Health Insurance- Operational IT System

Manage providers and clients

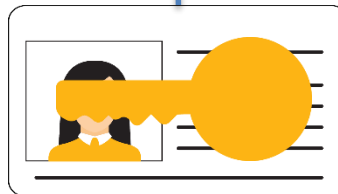
Facilitate claims and reimbursement

Manage individual insurance members information

Care Delivery- Health Management Information System

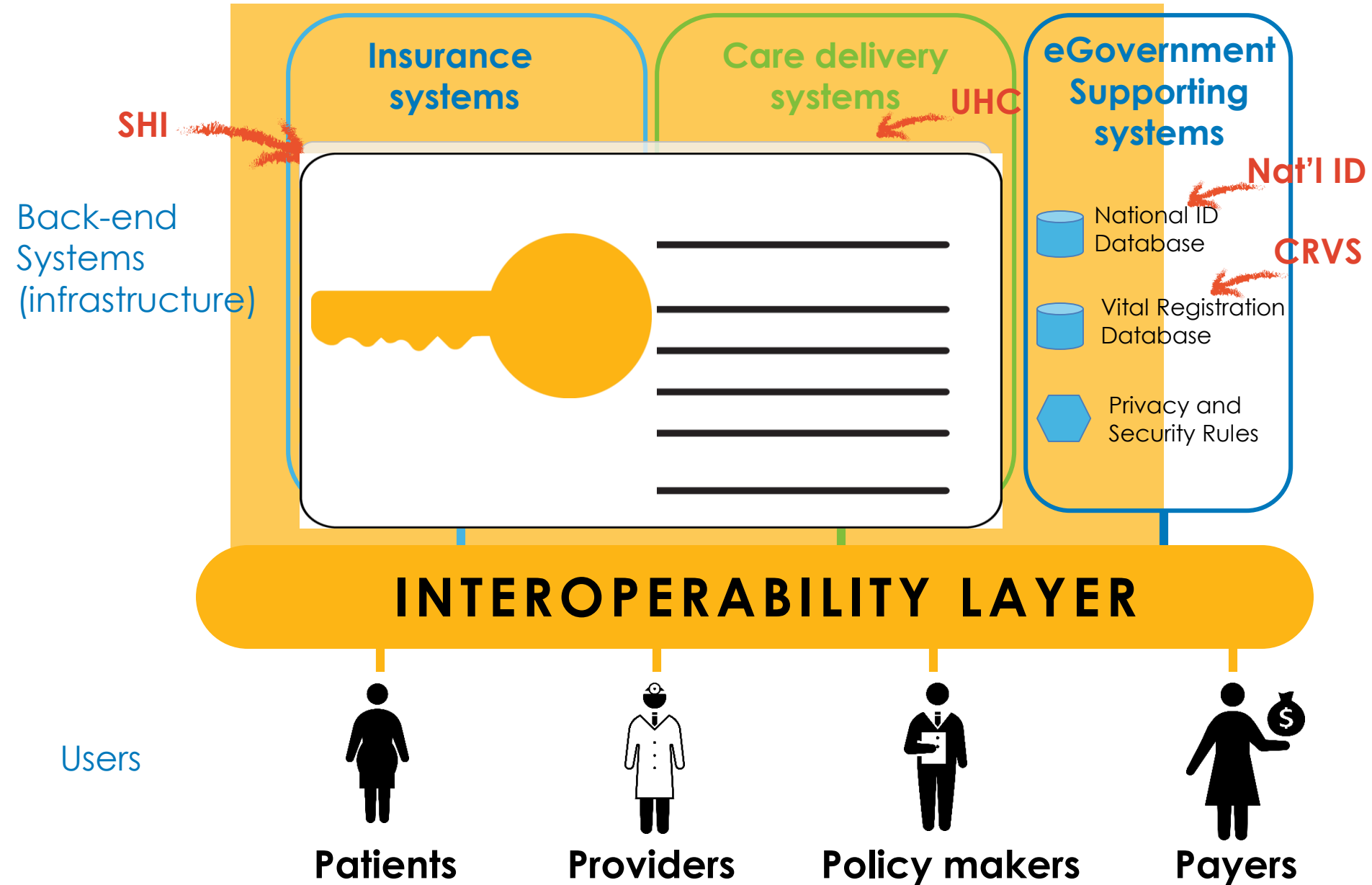
Mostly aggregated data in the past (focus on communicable diseases)

Now need to disaggregated and trace individual patients



Unique Health Identifier

Interoperability is key



OPTION 1: Identification via National ID first

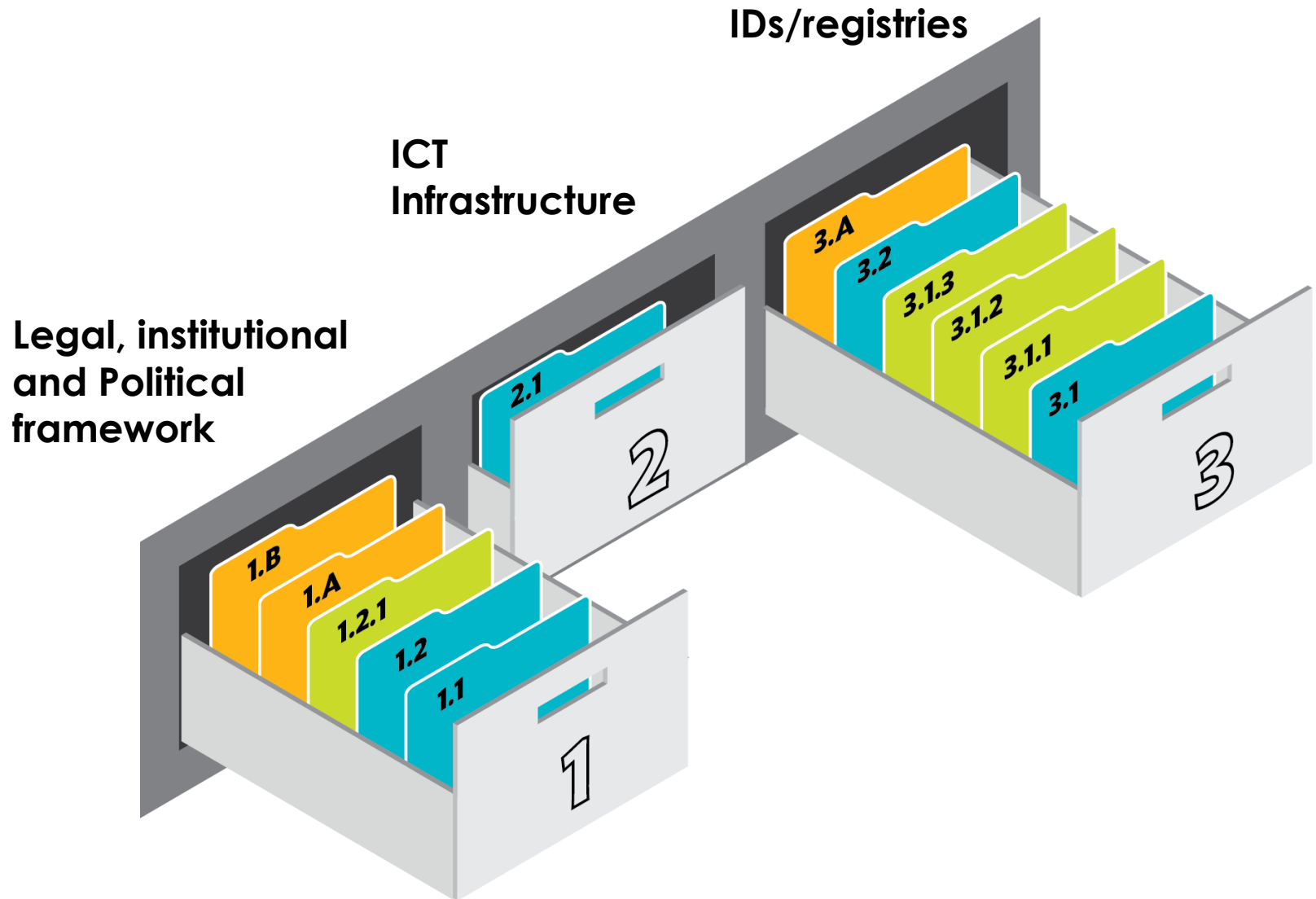
Think of the health sector when rolling out/reforming your national ID system.

OPTION 2: Identification via Health ID first

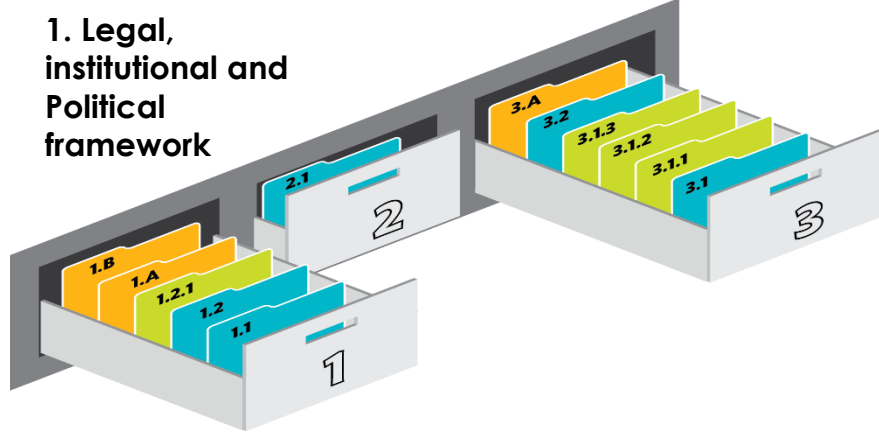
Plan for interoperability between unique health ID and national ID system.

Use health sector as business case to invest in integrated ICT/ID systems.

ID toolkit helps to decide which option is best for the country context

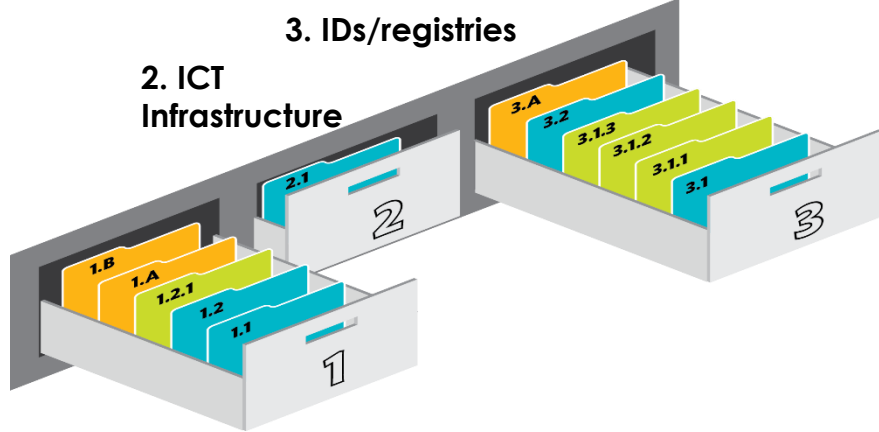


1. Legal, institutional and Political framework



Get started with unique health identifiers (1)

- ✓ Develop an **enabling legal environment** including data privacy and security.
- ✓ Align organization and **define e-governance processes** to ensure efficient and transparent service delivery.
- ✓ **Convene stakeholders** and create cross-agency support.
- ✓ Develop **long0term financing** and capacity development plan for ICT investments and training program.



Get started with unique health identifiers (2)

- ✓ Invest in **network infrastructure**.
- ✓ Establish **ICT based universal civil registration and vital statistics**.
- ✓ Build and **integrated population identification system**.
- ✓ Launch a unified **data distribution and verification center**.



10 Lessons Learned towards unique identifiers



1
Countries Need
the Right Laws
in Place



2
Social Services
Require
Identification



3
Birth and Death
Registration is
Crucial



4
Birth and Death
Registration
Requires Incentives



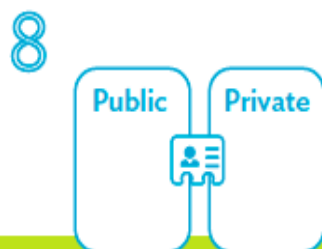
5
Health Identification
Requires Proper
Administration



6
There Should be
a Focal Agency



7
ID Numbers of
Family Members
Must be Linked



8
Governments Should
Encourage the Public
and Private Sector to
Uptake Health IDs



9
Implementing Health
Identifiers Requires
a Sufficient Infrastructure
and Staff Training



10
Health ID Numbers
Need to Support
Social Protection

ADB Health

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