



An overview of the linkages between CRVS and Identity Management System

Theoretical and practical considerations and Country examples

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CR + National ID

A conceptual framework

Civil Registration

Legal Identity begins at birth with biographic information collected through Civil Registration System



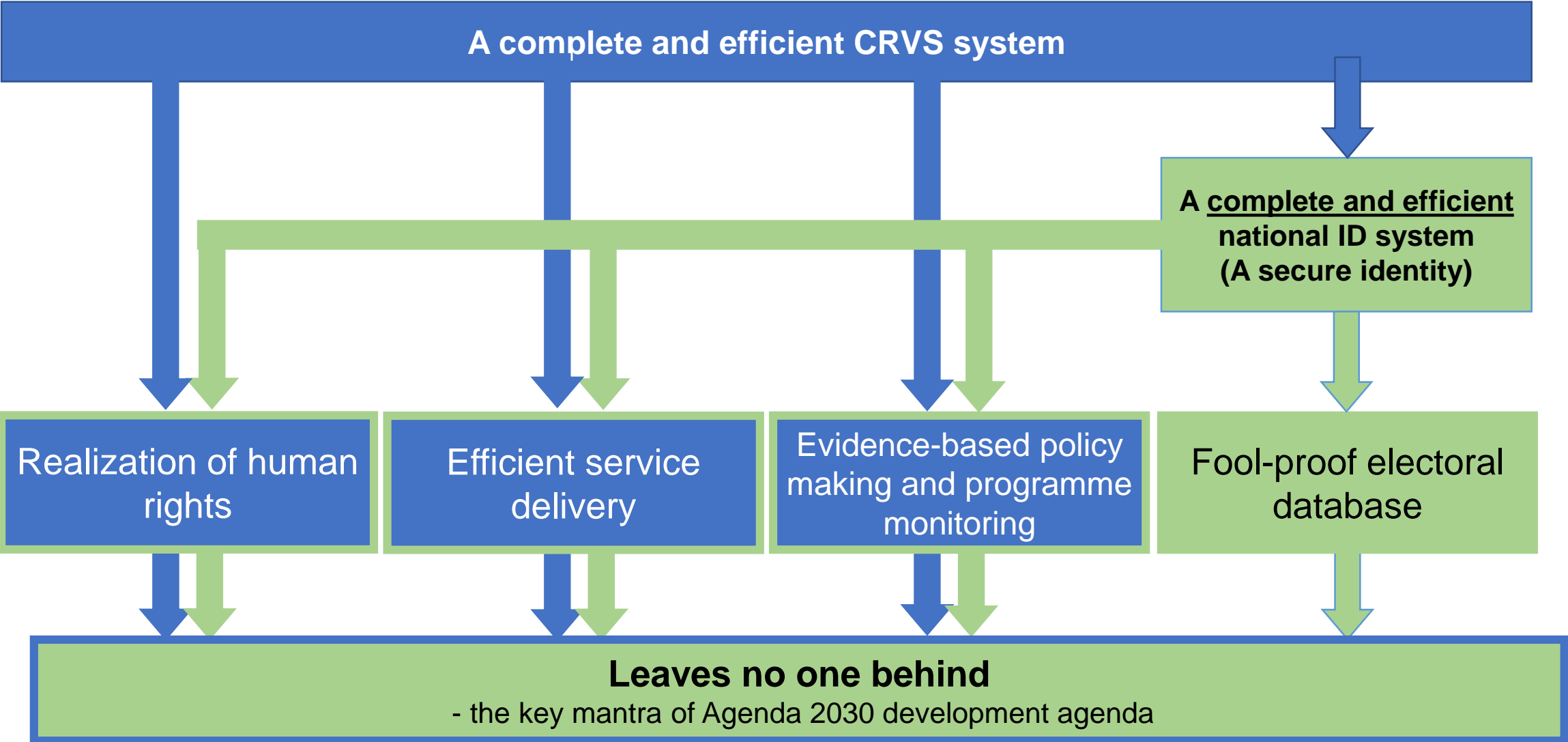
National ID

Identity strengthens with biometrics information collected through national ID system

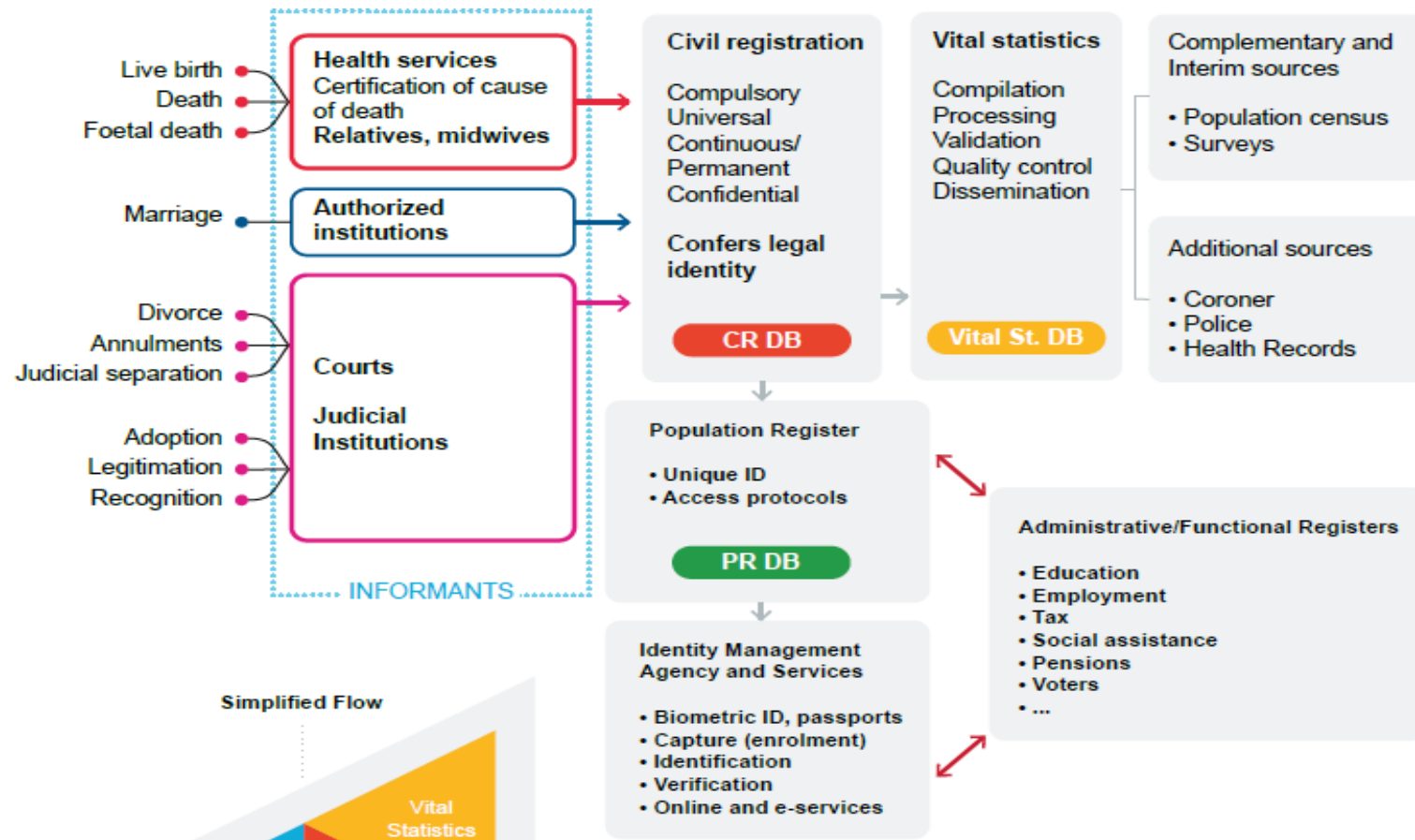
Identity ends at death, but not its legal effects, so death information collected through Civil Registration must be linked with National ID

Secure legal Identity

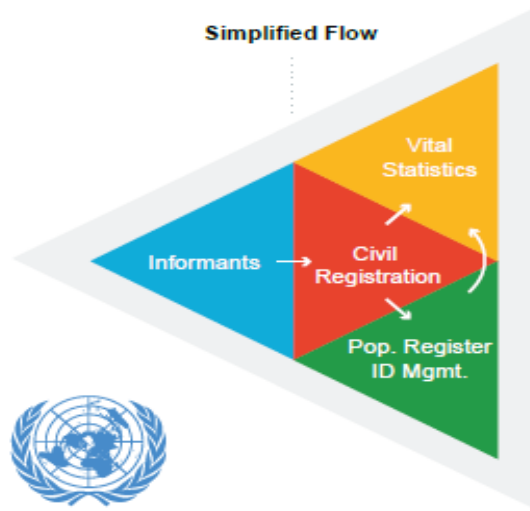
CRVSID for good governance



UN Legal Identity Framework on CRVSID system



A holistic, integrated and life-cycle based approach



This model represents a holistic approach to civil registration, vital statistics and identity management recommended by the United Nations, adapted from the United Nations *Principles and Recommendations for a Vital Statistics System, Revision 3*. It can be adjusted to national circumstances and governing structures as necessary.

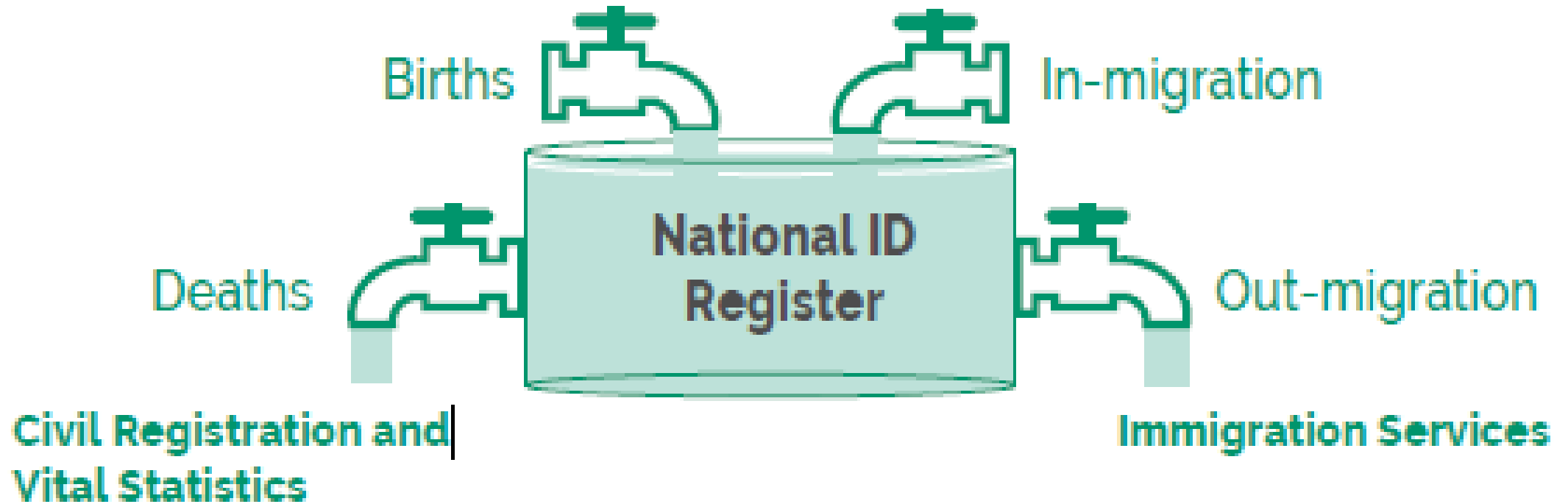
The basic characteristics of a population register

- A population register is a repository of **up-to-date** information on some basic characteristics of all residents of a country
- A population register is **continuously updated** by linking reports of events recorded in other administrative registers, mainly from **civil registration and immigration records.**
- A population register has the potential to provide data on a population and its characteristics on a **continuous basis** at **all administrative levels**

Differences between a population register and an identity register

Population register	Identification register
Stores information of all residents of a country.	May include only those residents who attain a legally minimum age (usually 18 years) and in some countries only citizens are included.
Envisages continuous (in some countries, real-time) updating based on information on vital events recorded in the civil registration system.	Is not necessarily updated from civil registration data on a continuous and/or in real-time basis; may be largely demand-driven.
Does not include biometric information, such as photographs and fingerprints.	A modern identification register necessarily includes biographic and biometric information of all registered individuals.
A fully developed population register can provide data to produce population and vital statistics and also migration statistics on a regular basis.	Identification registers that include only adult persons cannot be used for producing population and vital statistics.

Visual representation of the national id system with update* mechanisms



**Other updates such as adding biometric information is also possible*

Source: Linking National ID and CRVS Systems: An Imperative for Inclusive Development - [Strengthening CRVS Systems, Overcoming Barriers and Empowering Women and Children](#)

A simplistic view of the UNLIA Framework civil registration, vital statistics and identity management system (CRV SID)

FLOW

Unit of importance in a CR and VS system is the **event**



● **Civil Registration** → **Population Register**
Confers legal identity ← - - - -

CR DB

PR DB

[UNCT-Guidelines.pdf](#)

● **Vital Statistics**
Compilation of vital statistics

Vital Stat. DB

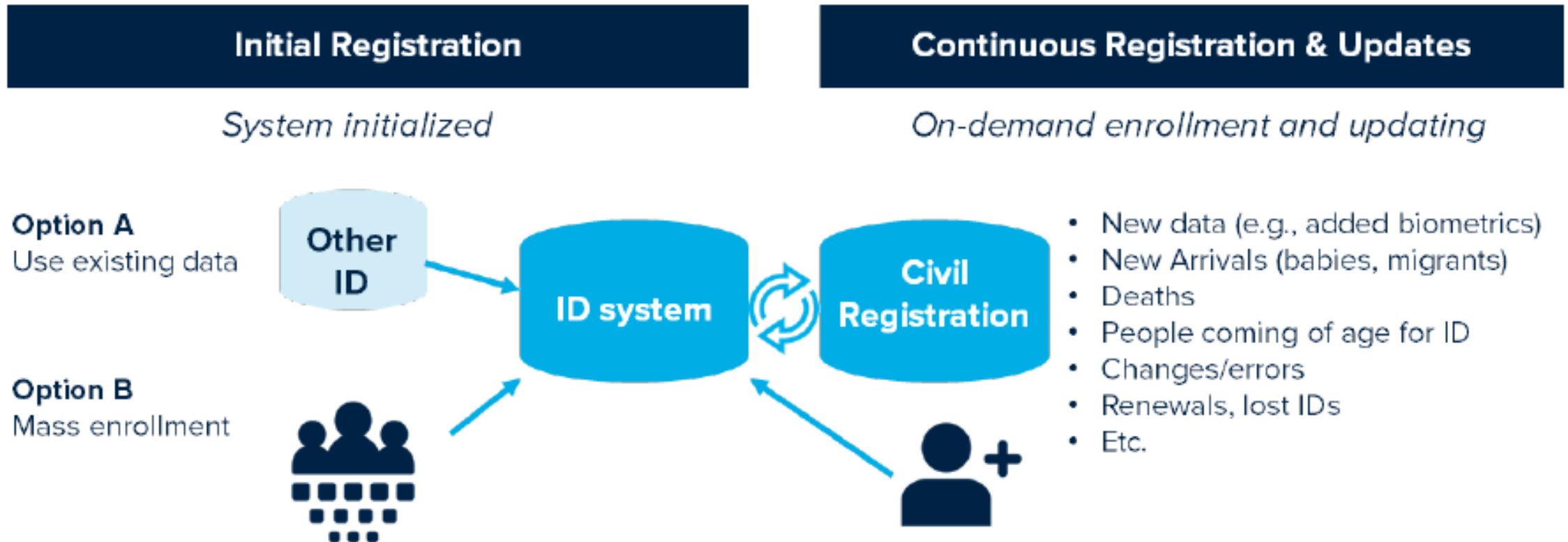
Identity Management Agency & Services
 . Capture biometric
 . Identification
 . Verification
 . Issuance of ID Card
 . Online e-services

STOCK

Unit of importance in a population register, and ID system is the **person**

Source
<https://unstats.un.org/egal-identity-agenda/documents/UNCT-Guidelines.pdf>

A diagrammatic representation of a CRVSID system in a steady state



Source <https://documents1.worldbank.org/curated/en/248371559325561562/pdf/ID4D-Practitioner-s-Guide.pdf>

Countries* where the CRVSID system is in steady state

Bhutan

Botswana

Rwanda

South Africa

Mongolia

Namibia

Kyrgyzstan

Thailand

- This list is not exhaustive and does not include high income countries

Enabling Environment for establishing and sustaining a CRVSID system (Examples)

Institutional arrangement

Both CR and ID systems are implemented by different ministries (India, Tanzania, Mozambique, Bangladesh)

Both CR and ID systems are implemented by the same ministry but separate departments (Kenya, Ethiopia, South Africa)

Both CR and ID systems implemented by one entity (Nepal, Bhutan)

Enabling Environment for establishing and sustaining a CRVSID system (Examples)

Legal Framework

Separate law for CR and ID system

Kenya

India

Nigeria

Bangladesh

Philippines

Unified law on CR and ID

Ethiopia

Nepal

Uganda

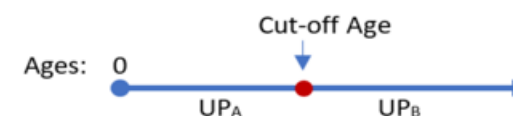
Cambodia (in process)

Countries that moved to steady state does not necessarily assure full identity coverage

Country	Unregistered population (%)
Bhutan	22
Botswana	34
Kyrgyzstan	2
Mongolia	0
Namibia	13
Rwanda	20
South Africa	27
Thailand	0
Vietnam	4

Estimates of the unregistered population (UP) for each economy are produced by adding together the number of unregistered persons below and above a cut-off age, which varies between countries.

$$UP = UP_A + UP_B$$



[Source : Identification for Development \(ID4D\) Global Dataset | Data Catalog \(worldbank.org\)](https://data.worldbank.org/ID4D)

Estimates of the unregistered population (UP) for each economy are produced by adding together the number of unregistered persons below and above a cut-off age, which varies between countries.

Key takeaways

- Robustness and sustainability of ID system requires interoperability with a CR system
- The legal identity is conferred through birth registration and is ended with death registration
- The CRV SID system is usually built through ‘stock-and-flow’ approach
- Moving to a steady state does not necessarily means completeness
- Civil registration should be complete, timely and accurate
- Vital Statistics is a part of the identity eco-system