

# Innovative, Safe, and Cost-effective Digitization

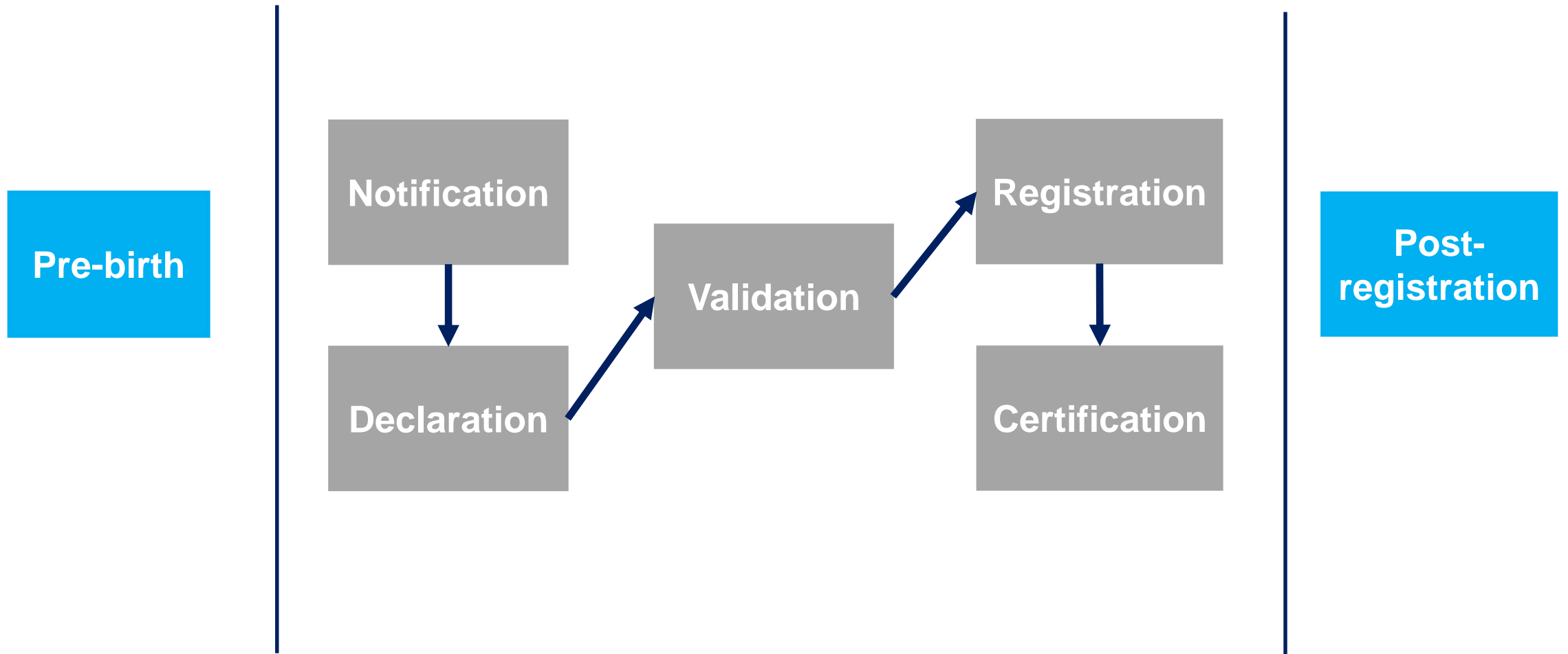


3<sup>rd</sup> CR8 Regional Conference of the CR Professionals in South Aisa:  
Get every one in the picture



Bhaskar Mishra | Child Protection Specialist, UNICEF

# Digitization = enabler for continuum of services



# Children without birth registration

Globally,

**154**

million unregistered children under five

**38**

million unregistered children under one

In South Asia,

**41**

million unregistered children under five

**10**

million unregistered children under one

**26%**

of globally unregistered children (U1 and U5) are from South Asia.



# Innovative digitization

## 1. Should strictly conform to the CRVS business process

- A non-negotiable priority
- Deviations noticed during digitization:
  - i. adding extra steps to CRVS business processes
  - ii. additional validation and scrutiny checks at the certification stage

## 2. Extent of digitization based on ground realities

- Develop solutions that can work in diverse and challenging settings.
- Hybrid and gradual approach to digitization
- Addresses the concerns of widening the digital divide.

## 3. Alternate options for issuing a UIN

- Should not become a barrier and means of exclusion
- A dynamic linkage with the national ID system.
- Real-time generation
- Mobile phones as a tool to send sets of information

## 4. Gradual approach to linking national ID of parents

- Collecting NID numbers during routine health services, especially antenatal services.

## 5. Health-CR-NID pathway

- Organic and cost-effective manner.
- ‘Collect once and use multiple times’ and ‘move information, not people’

# Safe digitization

## Mandated by CR law as certificates are legal documents

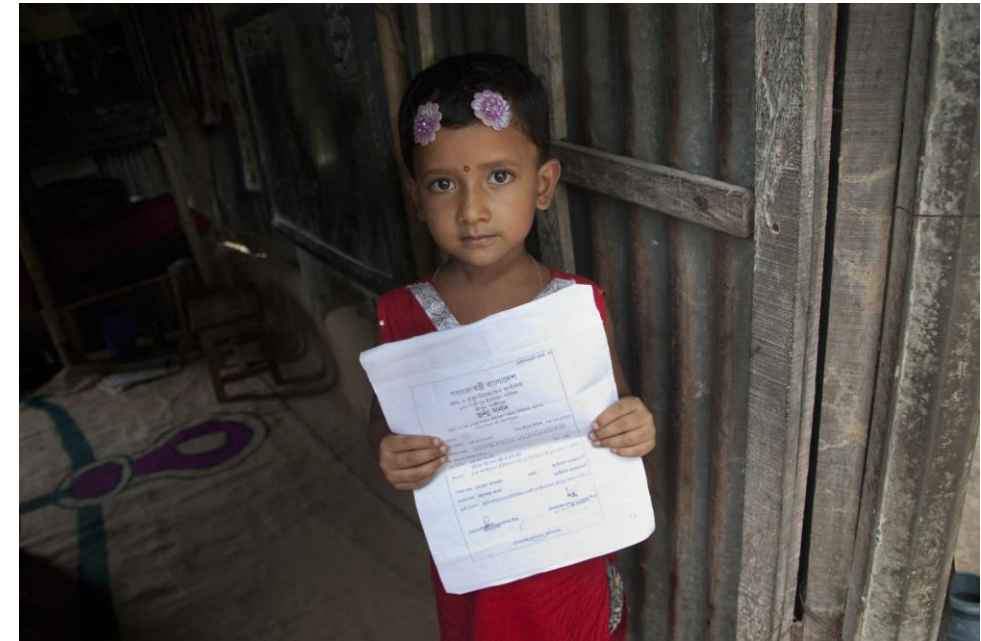
- Harmonization of provisions with IT laws
- Data protection, privacy, confidentiality, ethics, intended and proportionate use with no repurposing
- Clearly defined data sharing protocols

## Adequate protection at all stages

- Collection (credentials, lost devices, auto-cleaning)
- Transfer (encrypted, data loss)
- Processing (authority, approval, trails)
- Storage ( safe & protected location(s), backup)

## Other concomitant measures

- Data ownership
- Auditing of CRVS applications
- SOPs for handling of devices, especially mobile devices and handover



# Cost-effective digitization

## Cost of CRVS solutions

- One-time cost (development & deployment) and recurring cost (routine maintenance support and need-based enhancements/customization)

## Cost of equipment - proportionate and progressive investment in IT infrastructure

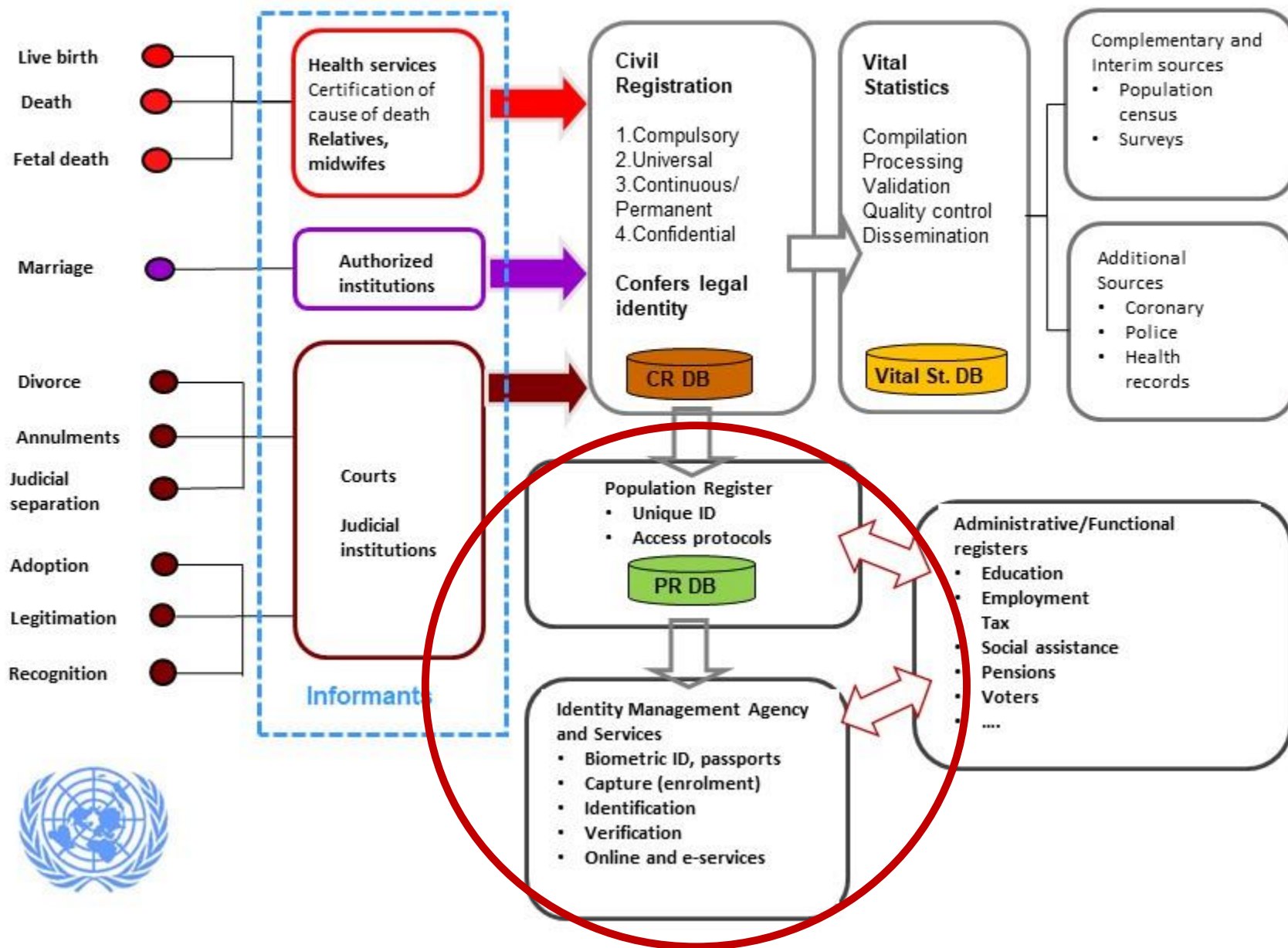
- Initial investment, maintenance, and replacement
- Piggy ride on the automation process in the health sector
- Use the available infrastructure of the NID/IT/e-gov departments

## Align CRVS's digital strategy with the national digital framework

## Partnerships with mobile service providers

## Cost should not be passed on to clients

# Civil Registration, Vital Statistics and Identity Management System



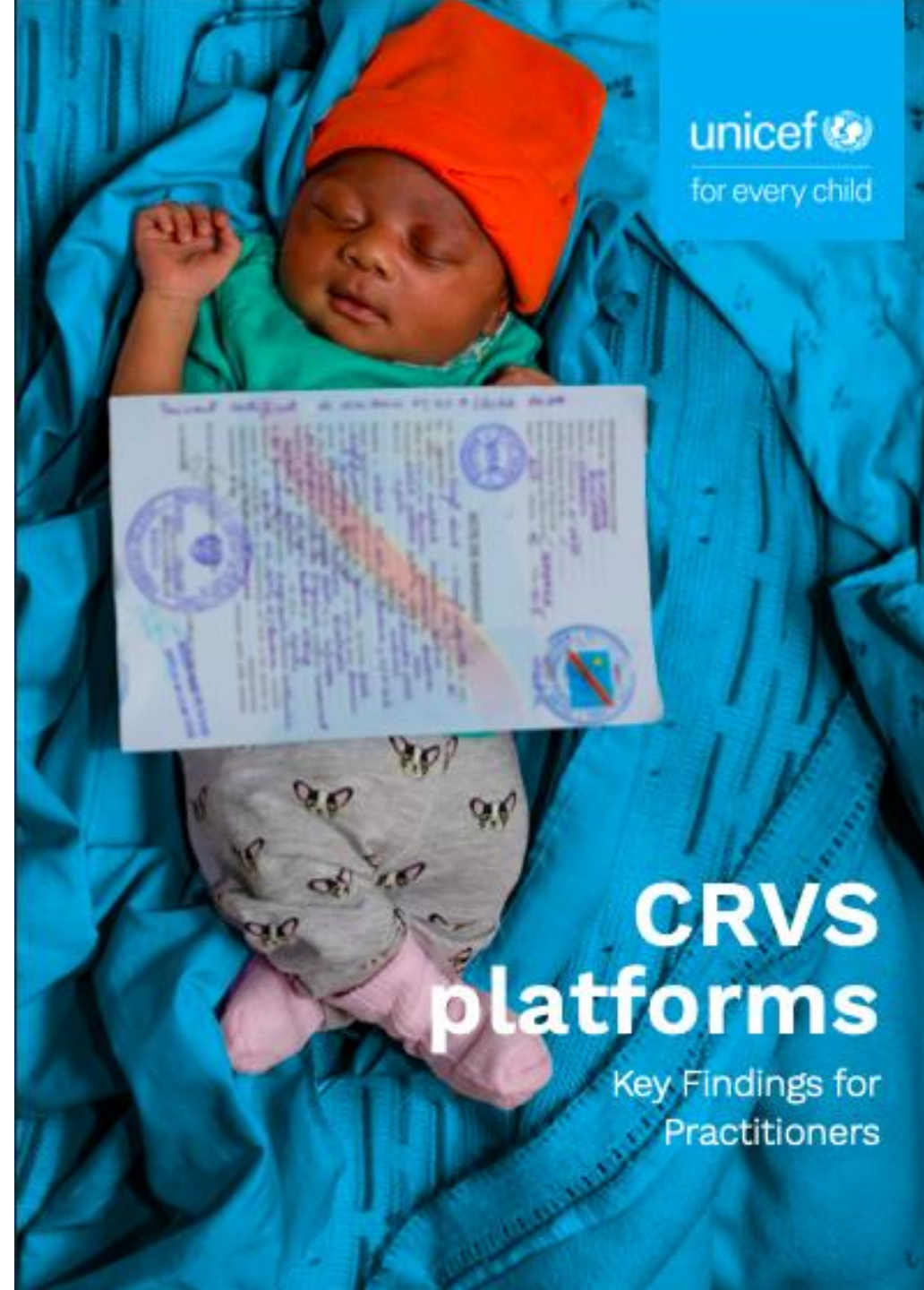
**Simplified flow**

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.





# “Buy” or “Make”

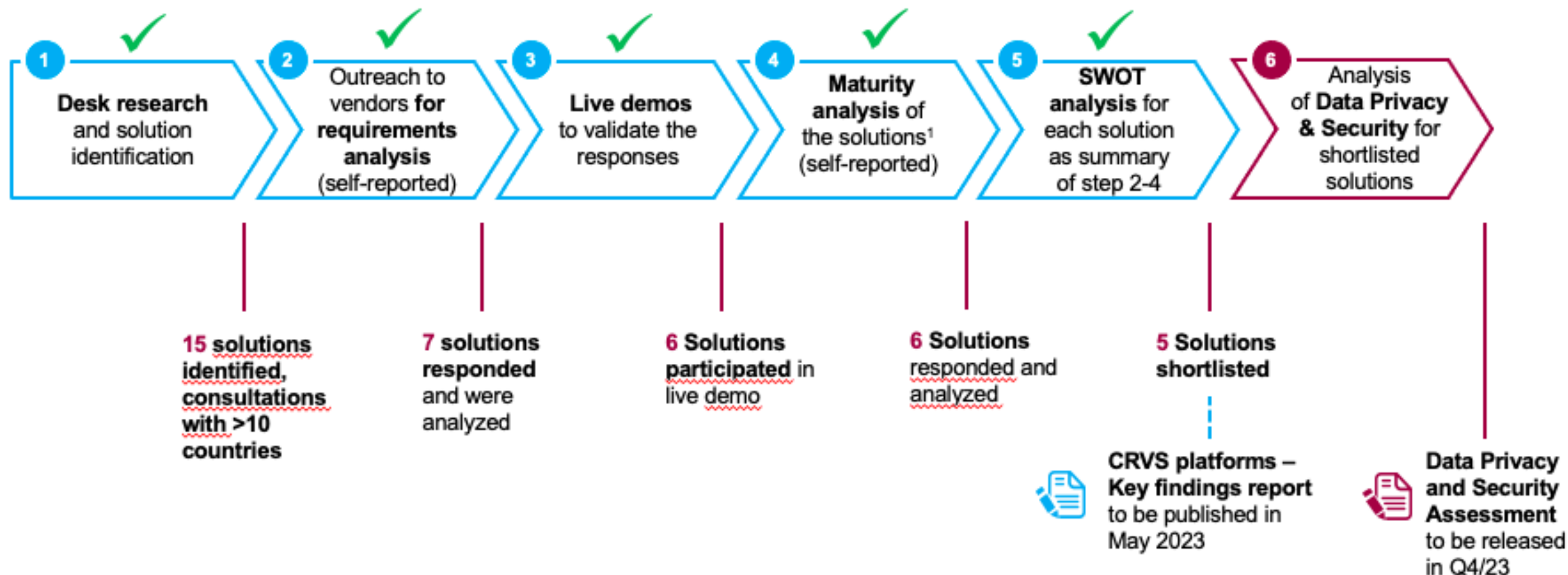


unicef   
for every child

**CRVS  
platforms**

Key Findings for  
Practitioners


# Six steps to evaluate the eCRVS solutions



1) Adapted from Digital Square Global Goods Maturity Model

SWOT: Strengths, Weaknesses, Opportunities, Threats

 Completed

 Ongoing

# African eCRVS Shared Asset

Consist of three key elements:

## 1. Design Principles

- Technology principles
- Non-Technology Principles

## 2. Digital CRVS solution

- A consortium approach
- Interoperability with health and national ID systems.

## 3. Governance body

- Led by representatives from African countries
- The African Union, UNECA, UNICEF, ID4Africa, OpenCRVS and other partners in support





Thank You!

unicef  for every child