HERA

Civil Registration and Vital Statistics

WCC HERA

Effortless registration
of vital events such
as birth, death
and marriage

The importance of CRVS

CRVS systems are critical to legal identity, economic development and public health. The importance of CRVS is attested by United Nations' Sustainable Development Goal 16.9.

> "Provide legal identity for all, including free birth registration by 2030."

Currently, worldwide, two-thirds of deaths are not registered, and a quarter of all children younger than five years of age do not have their births recorded.

Challenges in the CRVS domain:

- Resolve legal identity issues because of inadequate ID systems adopted by several countries (e.g. voter or taxpayer registration)

- Register all vital events

- Produce complete, good quality and reliable vital statistics

- Implement tailor-made and open source based solutions as they are expensive to maintain

- Keep IT costs low while allowing scalability

WCC Solution:

HERA is an out-of-the-box CRVS solution to enable effortless registration of vital events such as birth, death and marriage. It produces reliable vital statistics and provides insights through interactive dashboards and visualizations.

Supported by WCC's extensive experience in the ID Domain, combined with WCC's powerful search and match algorithms, HERA easily fits into the ID domain.
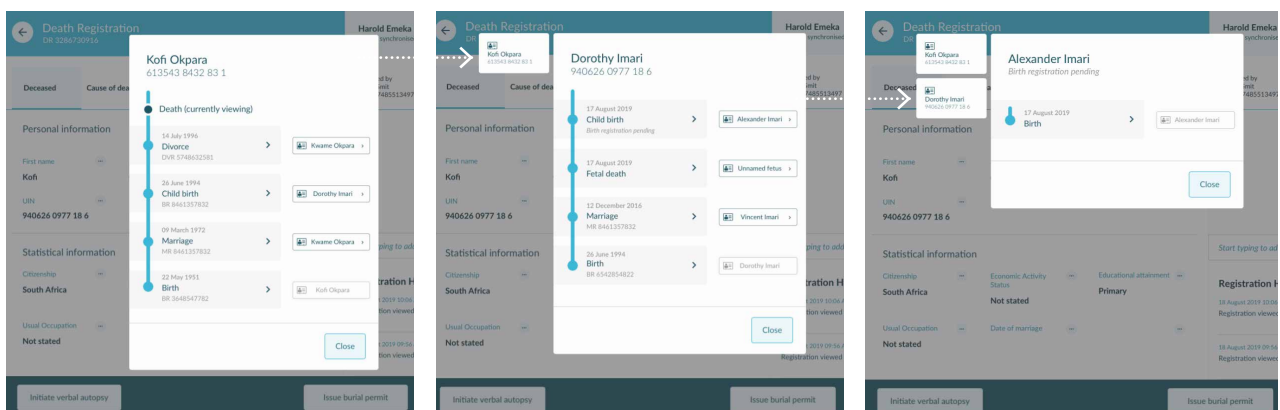

Figure 1: Connecting the dots. (The figures/data presented in the image are not exactly representative for South Africa.)

Challenge:

Most countries have functional ID systems in place (e.g. voter or taxpayer registration), but these fail to resolve legal identity issues.

Solution:

HERA as a **basis for legal identity** provides:

Delivery of a Unique Identification Number (UIN) configurable for country specific rules

Birth certificates, death certificates, burial permits

Support of open APIs for Civil Identity System

Storage of proof

Challenge:

Many CRVS systems fail to register all vital events.

Solution:

HERA is a multilingual solution that enables **effortless** and **frictionless** vital event registration.

Easy to use, it actively involves notifiers, registrars and parents via email or SMS

Enables off-line registration of validated data also when there is no internet. Available on smart-phones, tablets, laptops and desktops

Allows civil event registrations as close as possible to the time and place of the vital occurrence through the integrated notification process. HERA provides notifier roles tailored for different notifier agents, i.e. birth notification for midwifes and death notification for village chiefs
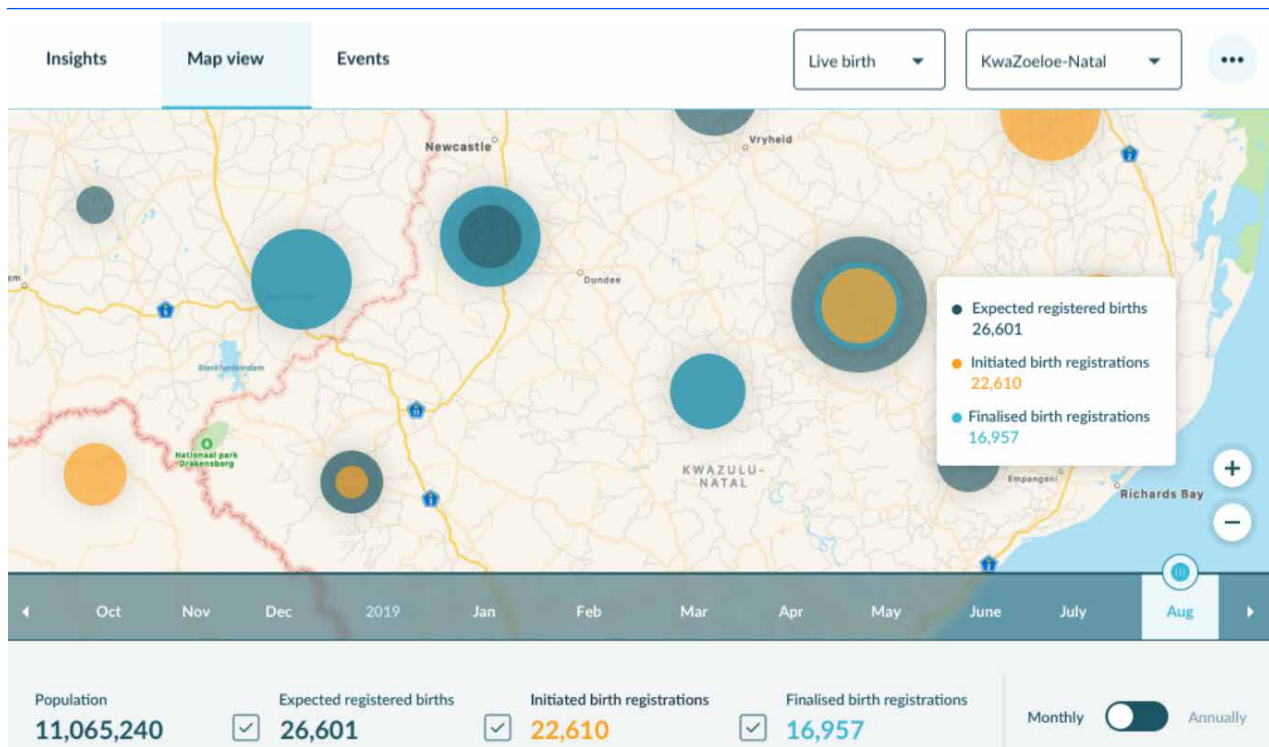
A dashboard provides visibility into KPIs

Figure 2: Heatmaps insights for Registrars. (The figures/data presented in the image are not exactly representative for South Africa.)

Challenge:

Producing complete, good quality and reliable vital statistics is a challenge.

Solution:

Compilation of **anonymized vital statistics** and continuous real-time availability.

> Easy capturing of UN recommended vital statistics during each stage of a civil event registration

> Taxonomy-driven statistical data entry to prevent errors and improve the quality of statistical information

> Anonymized vital statistics

Challenge:

A pilot implementation frequently fails to scale up to nation-wide deployment.

Solution:

HERA is designed for sustainability and scalability.

> Easily scales up from pilot to regional to country-wide implementation

> Modules can be all implemented at once, or one at a time, starting with the birth registration module

> Dashboards, heatmaps, and analytics provide insights and feedback to optimize processes and improve decision-making
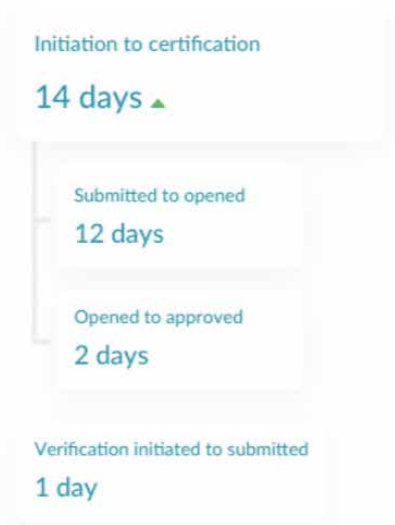

Figure 3: Data Analytics insight for Registrars: Identify blockages, see where to take action, make improvements.
(The figures/data presented in the image are not exactly representative for South Africa.)

Challenge:

Tailor-made solutions are time-consuming and expensive.

Solution:

HERA is scalable and offers **flexibility** of extension and implementation options.

Easy configuration enables fast country-specific requirements implementation

CRVS improvement can be a lengthy process. Configuration changes are easily implemented to minimize the impact of legal and regulatory changes, and IT costs

Supports open APIs for Civil Identity Systems

Cloud-based or on-premise implementation with predictable IT costs

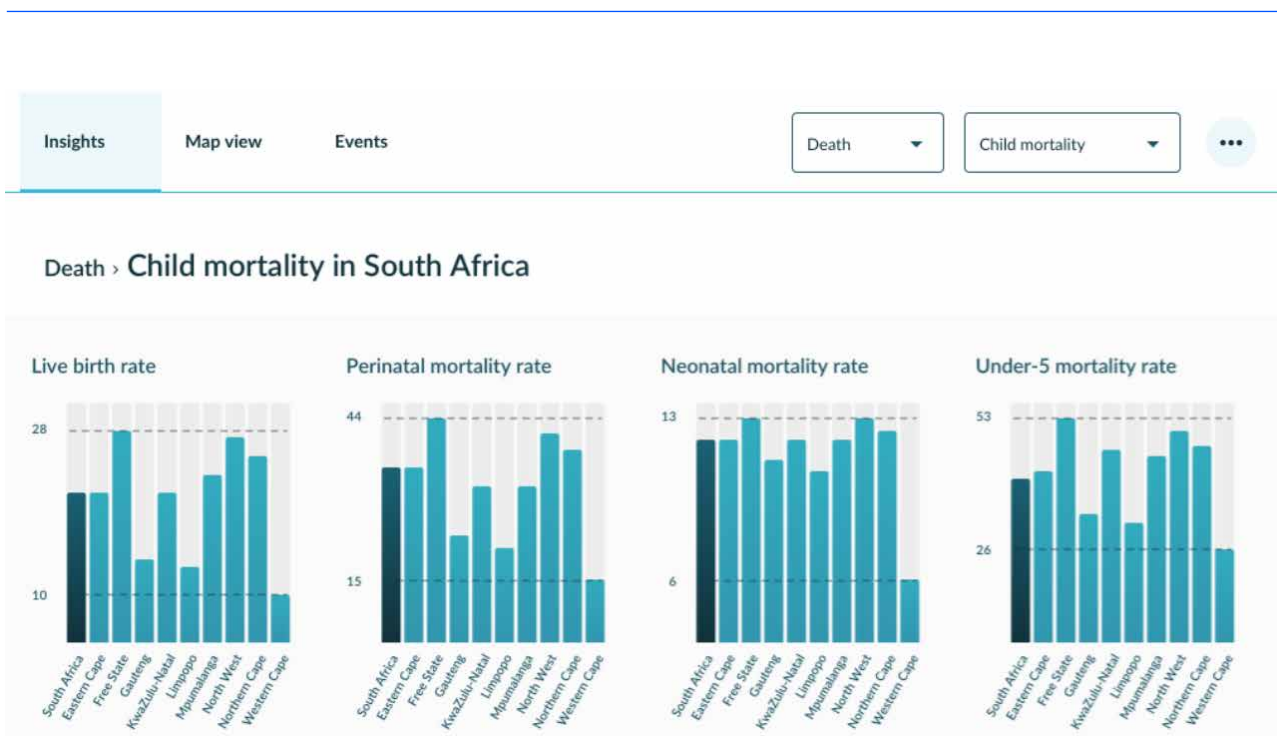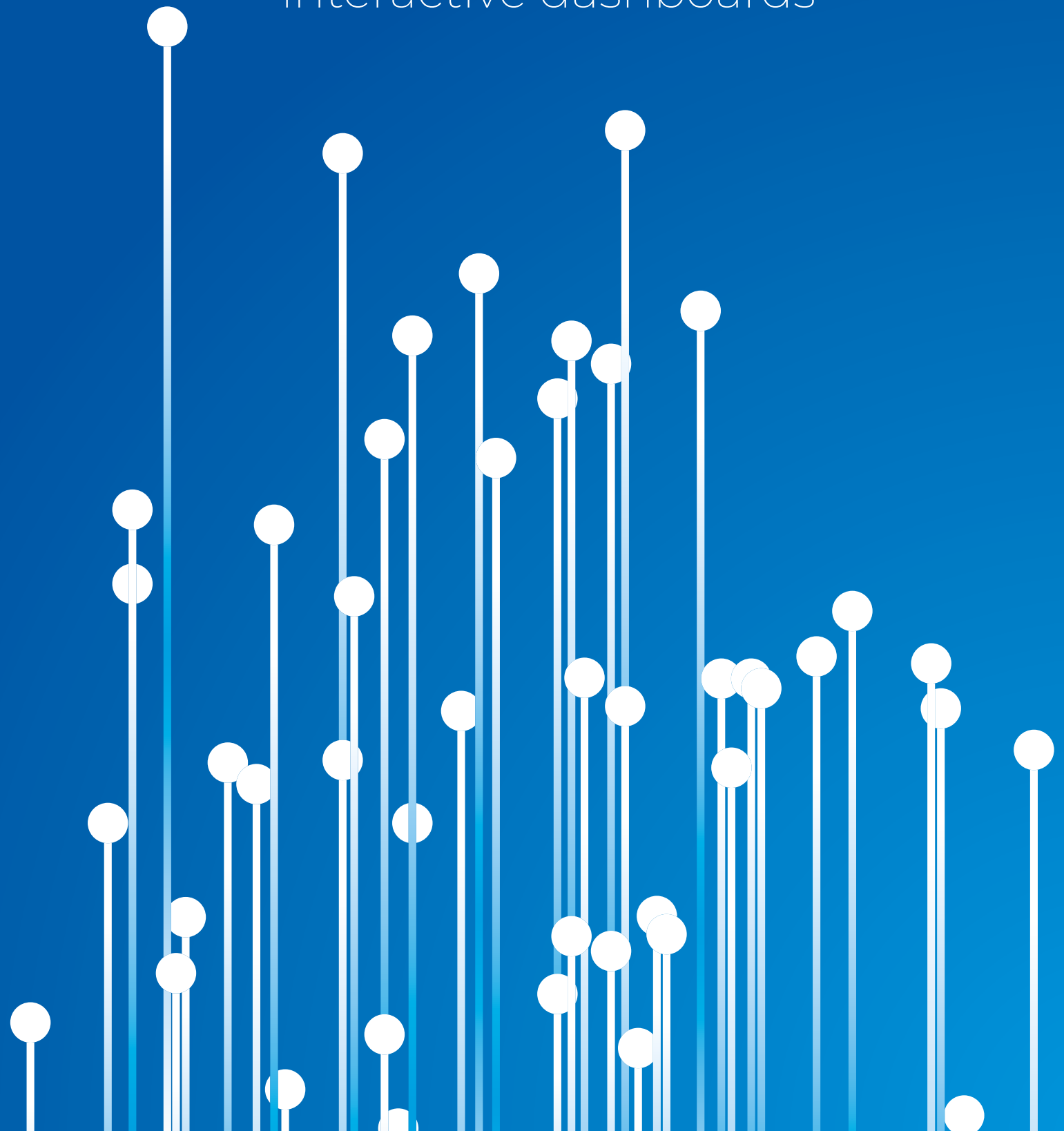HERA is based on international best practices

Figure 4: Trends. (The figures/data presented in the image are not exactly representative for South Africa.)

Produces reliable
vital statistics and
provides insights through
interactive dashboards

About WCC

WCC is a global and leading product company that provides software solutions for Public & Private Employment Services and Identity & Security government agencies. Built on its unique search & match platform, WCC software products see 1/3 billion people every day. Enabling governmental and private organizations to seamlessly capture, generate, and analyze big data from multiple sources gaining valuable insights contributing to effective decisionmaking.

Our team of professional services experts provides exceptional support and consulting, allowing our customers to maximize their investment.

For more information, visit **www.wcc-group.com**.

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