



HereMIS: EMPOWERING EDUCATION TRANSFORMATION

Data-Led Decisions | Adaptable Programming | Accountability | Equity

Across the world, technology is increasingly harnessed to improve education delivery and quality. Yet, many countries still lack systems that collect and analyse basic – yet vital – education information that enables whole education system transformation. Without access to disaggregate data on individual learners and their needs, or on the teaching workforce, efforts to transform education are limited.

HereMIS is an education enrolment and attendance monitoring system developed by CGA Technologies. It is used to collect and analyse previously unknown, accurate, and near real-time learner and teacher data to enable data-led decisions and continuous targeted education improvements.

Through HereMIS, Education Ministries have the knowledge they need to improve learning outcomes, create transparency, accountability and cost savings, facilitate support for individual learner needs and build data for evidence-based decision making at all levels of the education system.

A Game Changer

HereMIS provides unparalleled information about education systems and those working and learning within it. With it, Education Ministries:

Know who and where learners and teachers are:

- Track the movement of an unlimited number of teachers and learners across schools over time
- Understand and put in place support for learners with additional or special educational needs
- Verify school subsidies based on accurate learner counts
- Improve payroll integrity by identifying mismatches between teacher payroll and reality and removing non-working teachers
- Regulate unauthorised teacher transfers
- Capture data on volunteer / non-payroll teachers.

Can track the daily attendance of teachers and learners:

- Sanction absenteeism amongst teachers
- Empower school leaders to control teacher attendance and manage school data
- Mitigate and flag learner dropouts.



CGA TECHNOLOGIES

How HereMIS Works

School leaders use the HereMIS tablet-based app, which has offline functionality, to record individual teacher and learner information and their daily attendance. The data is then uploaded to a secure cloud-based database and is available online both privately and publicly. Education officials with authorised log-in access can view full disaggregate data through a series of auto-generated dashboards and graphs for analysis, action and accountability. Limited dashboards using aggregate data are available for public scrutiny.

The HereMIS Package

CGA Technologies prioritises system sustainability. Along with delivering a digital system shaped to client needs, our technical experts provide exemplary training and implementation support. This includes support to develop policies, processes and procedures to embed the use of HereMIS and data analysis into ways of working, and capacity building on using HereMIS data analysis for effective decision making. This ensures clients achieve maximum value for money and continuous education transformation going forward.

Development Opportunities

HereMIS has been built for easy adaptation. CGA Technologies works collaboratively with clients to understand their priorities, processes and needs, both now and in the future. This ensures HereMIS meets current requirements and has the capability to support future growth.

Opportunities for HereMIS adaptation and development include:

- Tracking exam results and school career progression
- Tracking the outcomes of education projects and policies
- Linking to Out of School Children tracking and support programming
- Education attendance cash transfers
- Anticipatory cash
- Linking to existing data collection systems.



CGA TECHNOLOGIES



Case Study: Sierra Leone

In 2018, the Government of Sierra Leone embarked on a radical programme of education transformation to build a quality education system accessible to all children, including – and especially – the most vulnerable. To cement efforts, and ensure it is truly inclusive, the Government recognised the need to understand learners and their individual needs, and the teaching workforce. In 2021, the Teaching Service Commission (TSC) and the Ministry of Basic and Senior Secondary Education (MBSSE) appointed CGA Technologies to develop and implement HereMIS (known locally as *Wi De Ya*, *We Are Here* in Krio).

The first national phase of *Wi De Ya* in April 2023, funded by the Multi Donor Trust Fund, provided significant insights and actionable opportunities, illustrating the breadth of possibilities provided by *Wi De Ya* to improve education. Rolled out to 300 primary schools across the country, *Wi De Ya* has collected data on circa 98,000 individual learners and 3,300 inactive/active teachers.

For example, a shocking 51% of payroll teachers were found not to be teaching in their allocated school, limiting all efforts to address teaching gaps through recruitment and teacher deployment. Within the 300 schools, 41 teachers were still receiving monthly pay but were identified as having changed profession, died or retired. Additionally, 43% of active teachers were not on the payroll, including 11% of school leaders, meaning nearly half of all primary school teachers and one in ten leaders were unknown and outside of management control.

Now that the TSC and MBSSE have access to this information, they are starting to take action to ensure the teaching workforce meets the learner needs and demand. This includes plans to scale *Wi De Ya* to all government and government-assisted primary schools, and the future intention to scale to secondary schools.

THE CORUS EFFECT: *Corus International is an international development organisation that unites an array of nonprofit organisations and businesses, each with specialised expertise – from health to technology to economic development to emergency response. Alongside communities and local partners in fragile settings, our expert teams integrate disciplines, approaches and resources to overcome poverty and suffering for those living in the world’s most difficult circumstances.*