



Knowledge Innovation Exchange - Strengthening and Enhancing Education Data Systems (KIX-SEEDS)

Project Summary

The African Population and Health Research Center, with funding from the International Development Research Centre (IDRC), and in partnership with in-country implementing partners, is implementing a project to strengthen education sector data value chains in selected subnational units in Uganda, Burkina Faso and Senegal. The project, titled, Knowledge Innovation Exchange - Strengthening and Enhancing Education Data Systems (KIX-SEEDS), will adapt, scale-up, integrate and strengthen promising sub-national micro-examples of education data systems to strengthen education sector data value chains in the selected subnational units.

To unpack the scaling of impact of promising innovations for data systems and data use in education, the KIX-SEEDS project shall answer the following questions:

- i) What are effective strategies to adapt, scale, and implement promising innovations in equitable, and sustainable ways?
- ii) What factors enable, incentivize, or impede the scaling of these innovations?
- iii) How can these innovations promote gender equality, equity, inclusion (GEI) and track youth transition into formal or informal employment?

Outcomes

Working closely with different the country stakeholders, we are working towards achieving the following outcomes:

- Relevant education sector data that responds to actual needs of local communities.
- Enhanced education data systems with child-level and school-level data.
- Holistic school or sub-national report cards that inform increased cross-country learning and sharing experiences.
- Enhanced education data systems with gender, equality, equity and inclusion indicators.

Ultimately, we aim to generate knowledge that addresses the overall research question: How can the impact of promising or proven innovations for data systems and data use be scaled in order to support transformative change in education systems in GPE partner countries?

Our in-country Implementing Partners



Uganda

The KIX-SEEDS project in Uganda will be implemented by the Health Information Systems Program (HISP), based in Kampala. HISP Uganda is composed of a dedicated team of informaticians and public health professionals and also draws upon the community of the Global HISP Networks for specific expertise. HISP Uganda subscribes to, and supports the broader HISP agenda of creating “networks of action”. It seeks to strengthen collaborative action by learning and sharing information systems, including software development, customization, installation, training, and implementation experiences, in a collective network.

Building on this foundation, the KIX-SEEDS project implementation in Uganda will leverage insights, knowledge and experiences from three years of implementing a IDRC GPE-KIX education data use innovations project in four Local Governments (LGs) and 10 implementation sites in Uganda. HISP Uganda has selected four sites for implementation: Entebbe Municipal Council, Mayuge District Local Government (DLG), Gulu DLG and Gulu City.



Burkina Faso

In Burkina Faso, the KIX-SEEDS project implementation has been entrusted to the Institute Superior of Sciences and Population (ISSP) based in Ouagadougou. ISSP is a teaching, training, research and expertise institution in population and development at the University Joseph Ki-Zerbo (formerly the University of Ouagadougou). Its deliberative bodies are: The Management Board, the Scientific Board, the Assembly of Training or Research Units and the Executive Committee meeting.

ISSP has extensive experience in collecting and analyzing both quantitative and qualitative data, a strength recognized throughout the sub-region, which earned it the designation of Regional Centre of Excellence by UEMOA in 2005. As part of the KIX-SEEDS project, ISSP will work towards equipping stakeholders in the communes of Manga and Ténado to manage their statistical systems independently.



Senegal

The KIX-SEEDS project activities in Senegal will be implemented by the Ecole Supérieure d'Economie Appliquée (ESEA), based in Dakar. As a vocational training school with faculty status, ESEA has been an integral part of Cheikh Anta Diop University (UCAD) since 2008. It offers a wide range of courses based on a teaching model that alternates between theory and practice, with field placements.

ESEA is also recognized as a center of excellence that works closely with local authorities, refining intervention methods and empowering grassroots communities through support and self-promotion strategies. As part of the KIX-SEEDS project, ESEA will focus on two distinct settings: the rural commune of Deali in central Senegal and the urban commune of Yoff in Dakar. In both locations, ESEA will collaborate with education stakeholders to strengthen their capacity to collect, analyze, and use education data effectively, driving informed decision-making at all levels.

Expected Outcomes

The KIX-SEEDS project has a special focus on Gender, Equity and Inclusion (GEI). By integrating GEI into every layer of our data value chains, we aim to generate actionable insights that guide decision-making at all levels – from school planning to holistic learner outcomes. This project will enhance the capacity of education planners, data teams, teachers, and other key stakeholders at the subnational level, empowering them to effectively generate, analyze, and use data for informed decisions. These strengthened capabilities will continue to benefit the education data landscape long after the project ends.

Our approach is built around a community- and context-specific GEI framework, with four key work packages to be implemented over the next two years: (i) a scoping review and multi-stakeholder dialogues, (ii) data integration to strengthen capacity and scale micro-data systems, (iii) data analysis to enhance data uptake and use, and (iv) monitoring, documentation, and advocacy for data-driven decision-making.

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The views expressed herein do not necessarily represent those of IDRC or its Board of Governors.



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Transforming lives in Africa through research.

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