Proving and Improving Bean Research & Development

Rachel Muthoni Andriatsitohaina & Innocent Obilil
International Center for Tropical Agriculture (CIAT)

Monitoring & Evaluation

How do we review progress, make improvements and show accountability for the work that both PABRA and its partners do to provide better beans for Africa?

We work with 350+ PABRA partners to collect key data, review progress and performance against set targets.

Our approach

We develop impact pathways together with National Research Programs and development partners.
We use the Result Based Management approach to define development objectives and to better demonstrate effectiveness of our efforts.
We define performance measurement plans and targets and develop reporting plans for periodic and regular review and status update.

How we support Monitoring and Evaluation

We improve the monitoring and data collection of our implementing partners by organizing tailor made trainings in data collection, analysis and reporting using ICT applications and tools, methods and approaches that we develop.
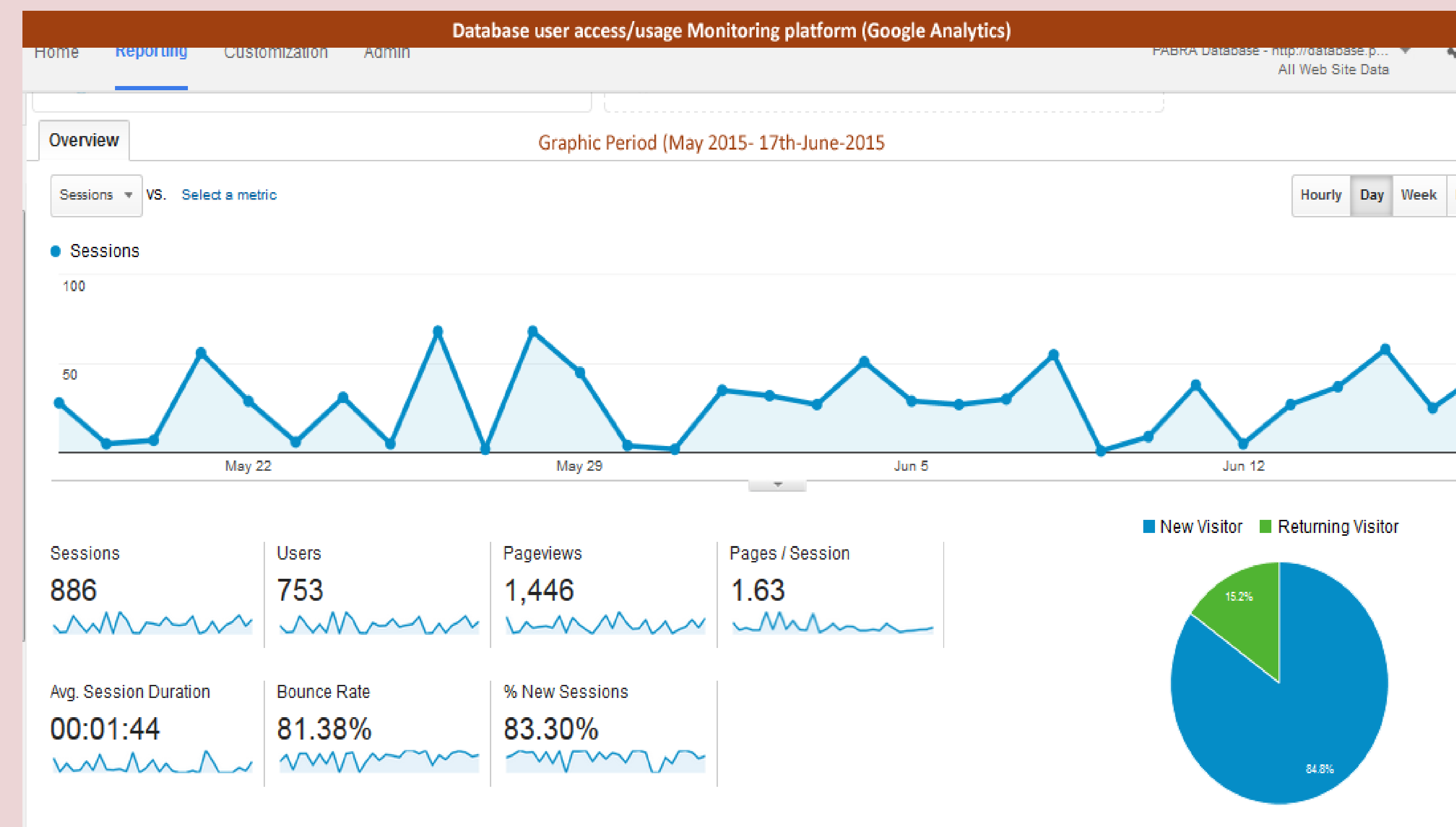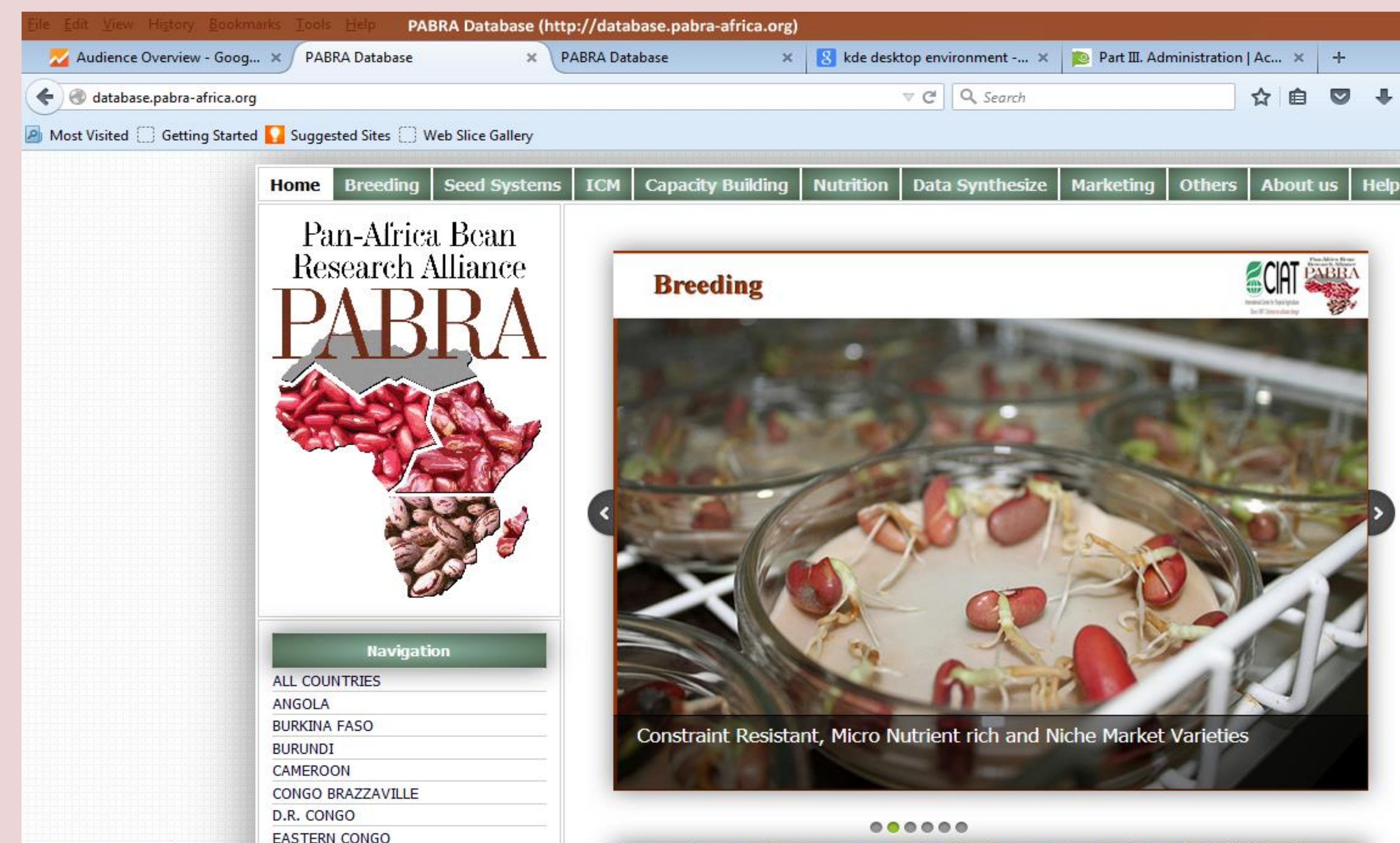
Our Products

Our products are driven by the need to embrace ICT as an important tool for data collection and monitoring. Our products are ICT centered.

The Indicator performance Tracking Template (IPTT): This product is developed on an excel platform and is used by research and development partners to capture key implementation status information offline .
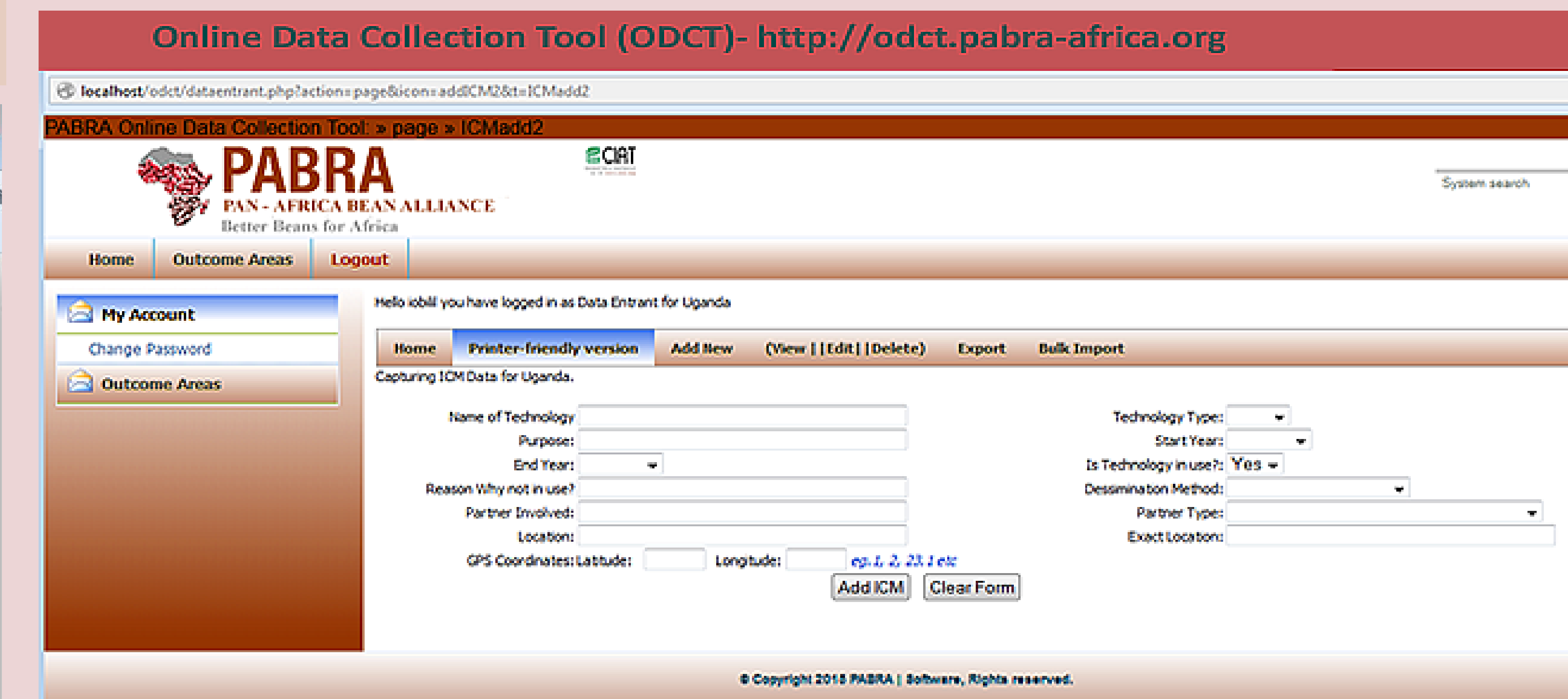

Knowledge & Information Database: Accessed here, http://database.pabra-Africa.org), this is an online database structured according to the PABRA theme areas of Breeding, Seed Systems, Nutrition, Markets, ICM & Capacity Building. It provides data and information on results of bean research and development for the past ten years.

The Data Synthesis platform - A regularly updated dashboard that provides 'quick glance' information about frequently requested data and data synthesis on emerging topics in bean research and development

The Online Data Collection Tool (ODCT): This is a Web based application accessed here, http//odct.pabra-Africa.org. It is available to research and development partners for use in capturing key information ,online using the link
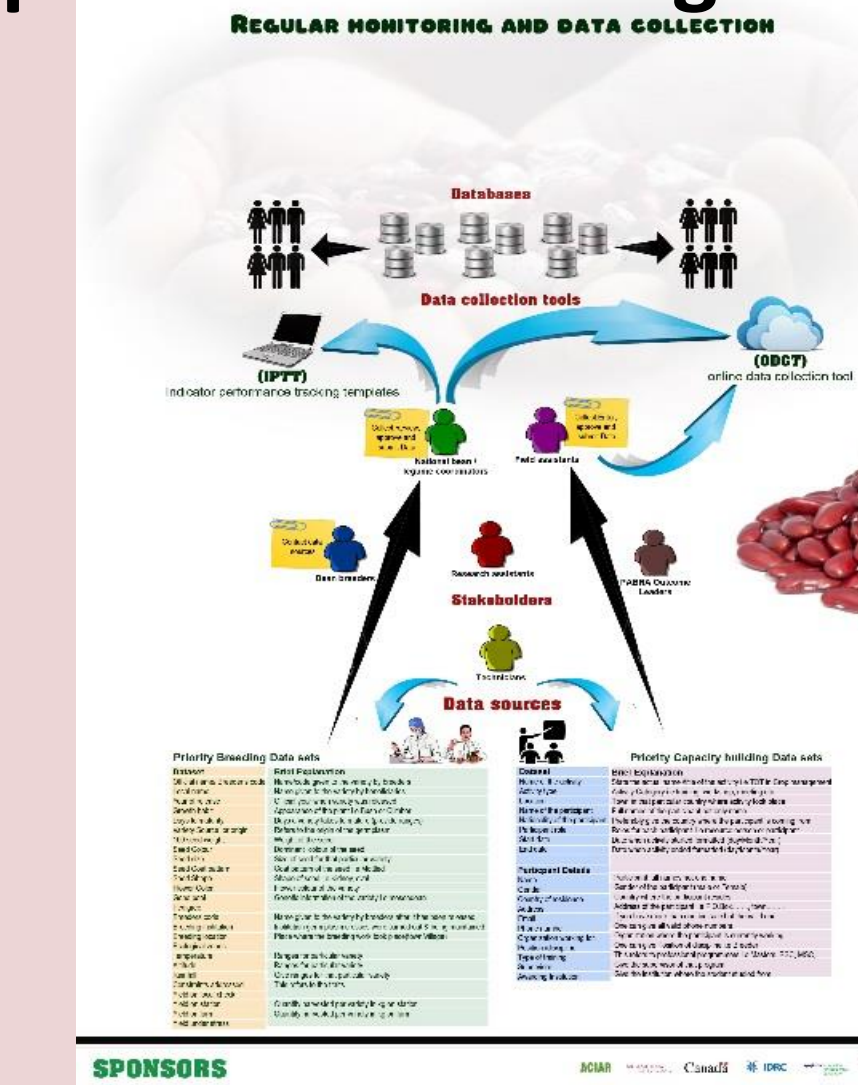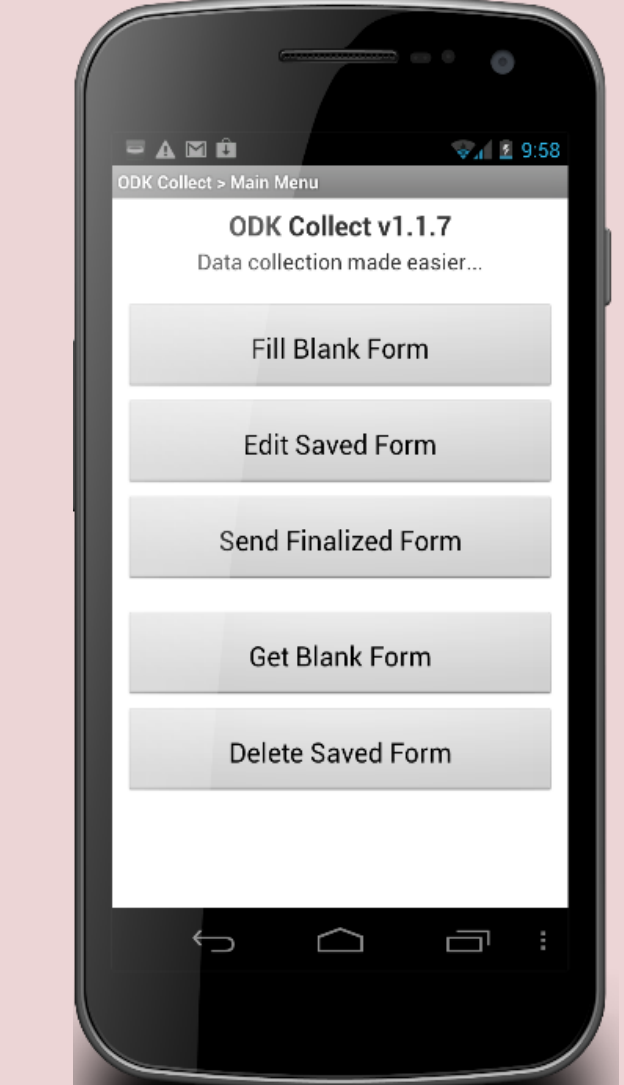

Future Work

The following products and initiatives are still being pursued to ensure that the functions of the monitoring and evaluation are efficient.

- **Mobile based data collection-** This will build on the ODCT data collection structure, currently the ODK and form hub are some of the options being explored to develop this

- **Data Collection guides-** Being developed to guide stakeholders involved in data collection to easily identify key data sources, and capture data using the various tools am under exploration

Specimen breeding Guide

ODK data collection Interface

Expected Impact

The Knowledge and information generated forms the content for performance review, lesson learning and innovation as well as synthesized into messages for donor and policy communication.