

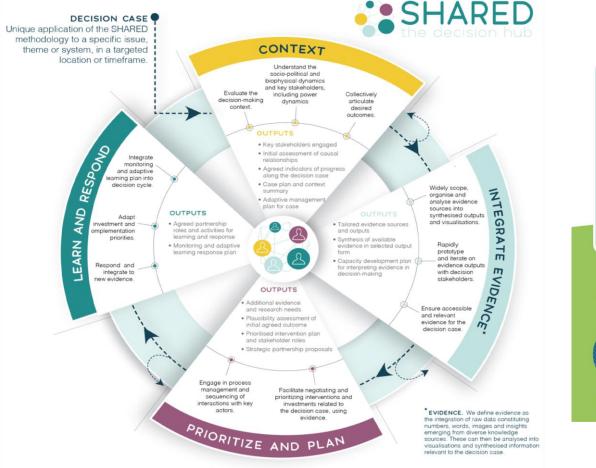
Applying user-centered design process and science to shift decision culture: A case study of the Laikipia Resilience diagnostics tool.

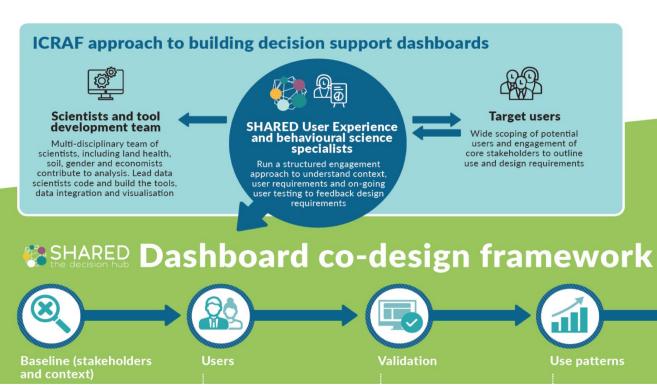


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World Agroforestry

User centered design - to allow for accessible evidence







Shifting the culture using decision dashboards

It's like having data at your fingertips.

A dashboard is a visual display of interactive information and data in a central online point. Dashboards allow information and data to be quickly and easily communicated to key users and decision makers.

Decision dashboards are customized to the context, and user. They can include quantitative and qualitative information shown in a range of visualizations that work best for the target audience, such as graphs, charts, photographs, videos, documents, and maps. Designed by users for users, decision dashboards aim to allow trends and links to be drawn between information not often seen together, in order to inform decision-making.

Decision dashboards

An information note to describe what decision dashboards are and how they can be used to assist in evidence based decision making and planning



Dynamic and user-centred.

Dashboards typically have a dynamic interface, where information is not static like a report, but is instand regularly updated and can be viewed interactively and in 'real-time. A dashboard can be built to automatically update and visualize date and information, saving time and allowing for effective presentation of data.

A decision dashboard is designed based on user meeds, such as leav thome, departments, or outcome of a project. It can also be designed to incorporate different levels of data for different users - for example, a simple overview for profix makers and more detailed information for technical or specialist staff. In this way, users are able to 'fitter' and 'solect' data, using functions such as drop down menus to display specific information (e.g. gender or livelihood type) or live maps to select specific locations Decision dashboards link to a wider approach by an institution

or government towards data management and evidence use in decision making and planning. HOME ABOUT AGROFORESTRY LAND HEALTH CONTACT

What is a dashboard?

A dashboard is a visual display of interactive information and data in a central online location.

Dashboards allow information and data to be **quickly and easily communicated** to key users and decision makers

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Decision dashboards are customized to the Malawi context and key technical officers, departments and stakeholders engaged in land use and conservation

Dashboards can include quantitative and qualitative information shown in a range of visualizations that work best for the target audience, such as graphs, charts, photographs, videos, documents, and maps

A dashboard can be built to **automatically update and visualize data** and information, saving time and allowing for effective

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Dashboards enable accurate

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presentation of data

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Developed decision dashboards: http://landscapeportal.org/tools/



Laikipia Resilience diagnostics tool

Stakeholder facilitated approach to improve food and nutrition resilience for rural and urban communities: case study of Laikipia County, Kenya

Objectives

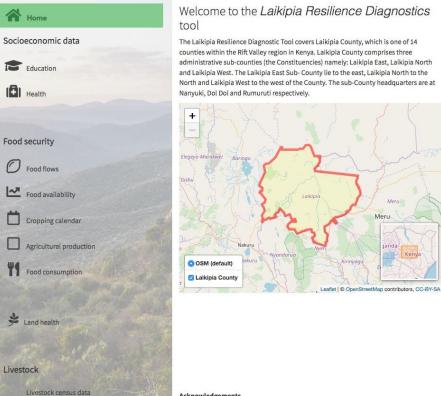
- To better understand the dynamics of rural-urban connectedness of food systems.
- Data cross-examination by key stakeholders through a structured facilitation process to enhance inclusive, cross sectoral and evidence based planning.
- Development of Integrated flagship projects by stakeholders incorporating nutrition-sensitive landscape approaches to address food and nutritional insecurity, and landscape health for vulnerable populations.

Key activities:

- Using a structured facilitation methodology for interaction with evidence: Stakeholder Approach to Risk informed and Evidence Based Decision Making(SHARED).
- Compiling land health information & relevant data from primary & secondary sources: based on identified data needs and availability.
- > Mapping food flows, production, consumption & markets.
- Synthesizing food system information into a decision support tool online in the form of an open-access dashboard



Laikipia Resilience Diagnostics Tool





counties within the Rift Valley region in Kenya. Laikipia County comprises three administrative sub-counties (the Constituencies) namely: Laikipia East, Laikipia North and Laikipia West. The Laikipia East Sub- County lie to the east, Laikipia North to the North and Laikipia West to the west of the County. The sub-County headquarters are at







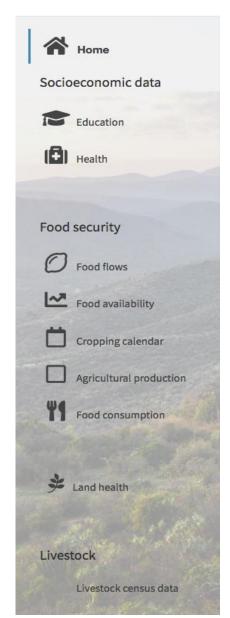
SHARED is a comprehensive framework tailored to specific decision needs; it brings together processes, evidence and tools to shift the decision paradigm towards more inclusive, inter-sectoral and inter-institutional integration to tackle complex decisions and achieve desired outcomes. The SHARED approach passes through four phases and is novel in the use of comprehensive facilitation to support interaction with evidence and co-learning, build long-term relationships and ensure that evidence can be critically evaluated and interpreted to inform decision-making. This targeted facilitation ensures cohesive communication across multiple institutions, political levels and knowledge systems to build capacity and the evidence-base as a continuously linked process, within the same development outcome pathway.

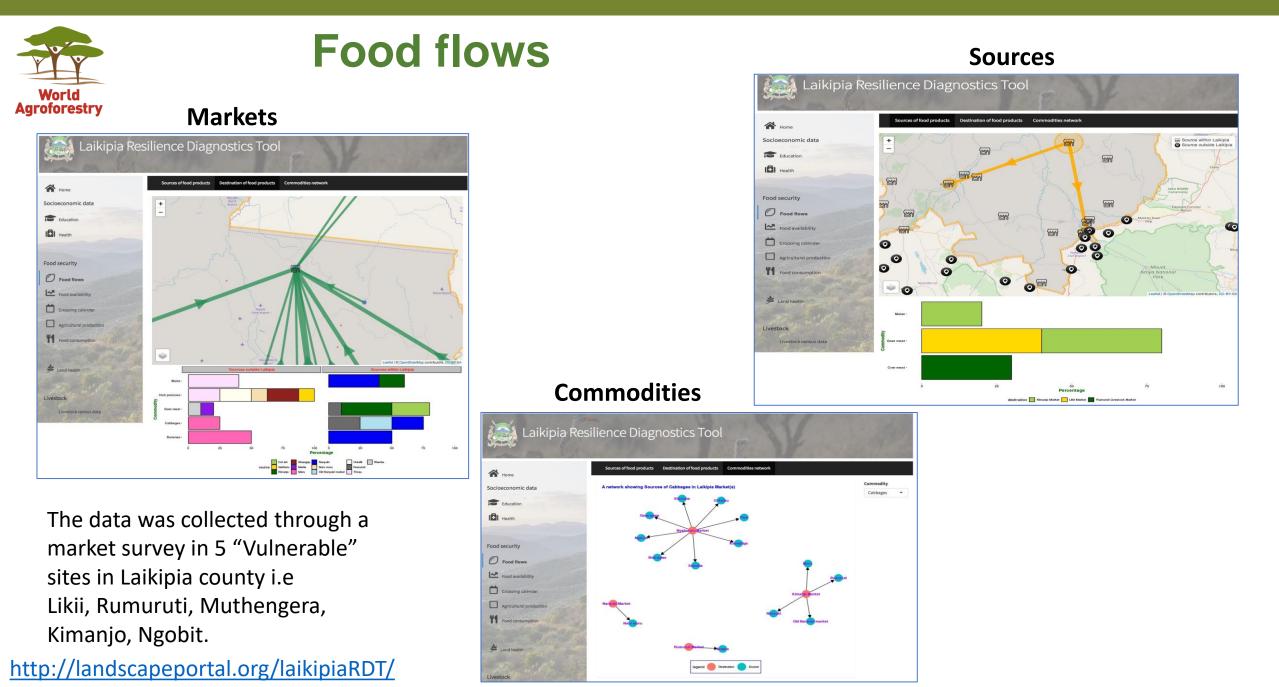
Acknowledgements

The initial version of the Laikipia Resilience Diagnostic Tool (LRDT) was developed by the World Agroforestry Centre (ICRAF) GeoScience Lab with funding from the Daniel and Nina Carasso Foundation and ICRAF, in collaboration with Ecoagriculture Partners. It forms part of an project titled "Improving Food Systems Resilience and Nutrition of Vulnerable Groups by Integrating Territorial Strategies in Laikipia County, Kenya". The LRDT will continue to be co-developed by ICRAF in partnership with the Laikipia County Government.

Accessible via http://landscapeportal.org/laikipiaRDT/

Modules

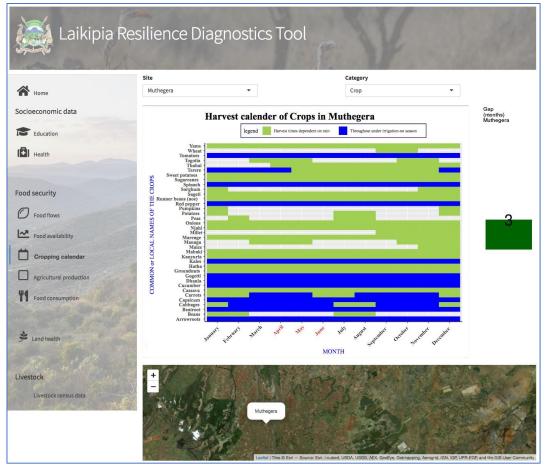




Transforming Lives and Landscapes with Trees



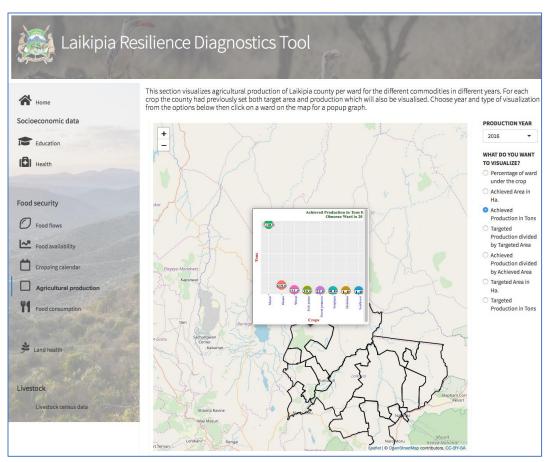
Cropping calender



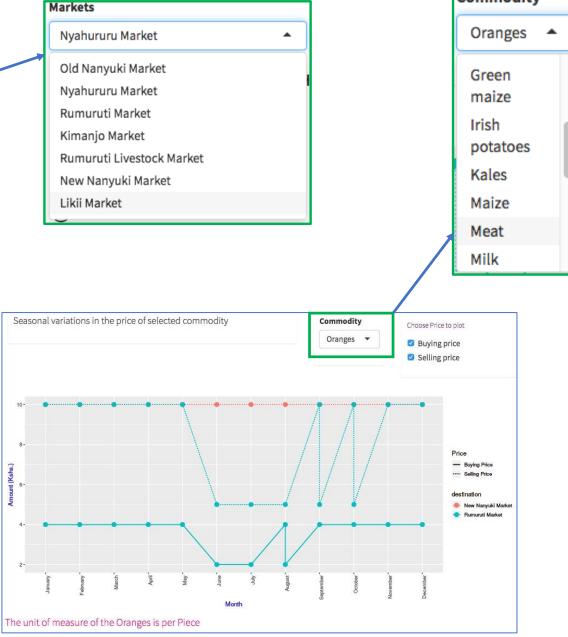
http://landscapeportal.org/laikipiaRDT/

• The Ministry of Agriculture, Laikipia county provided the agricultural production data at ward level for the years 2014 to 2017.

Agricultural production

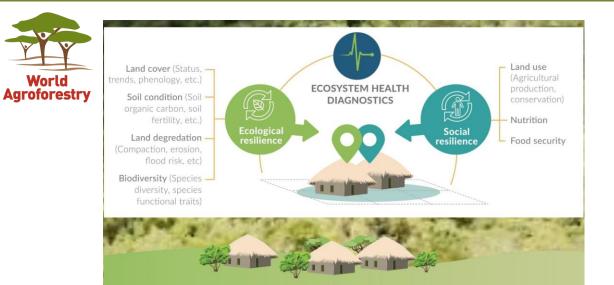




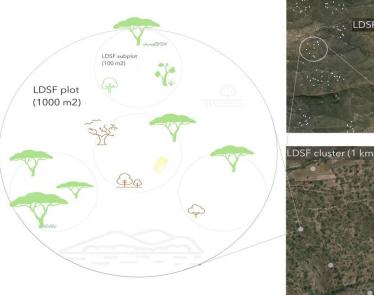


Commodity

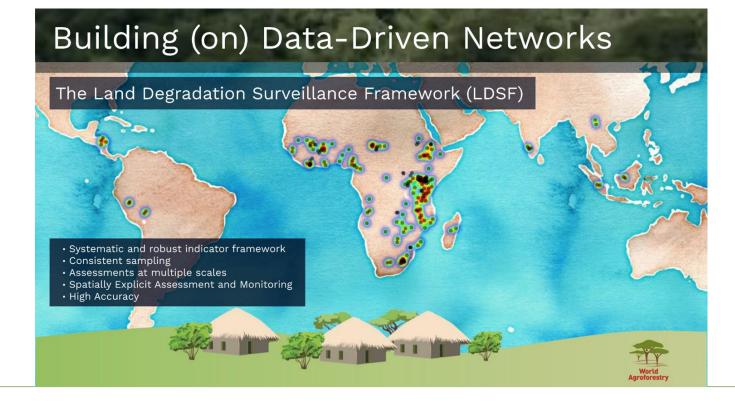
The data was collected through market surveys of markets within the vulnerable sites

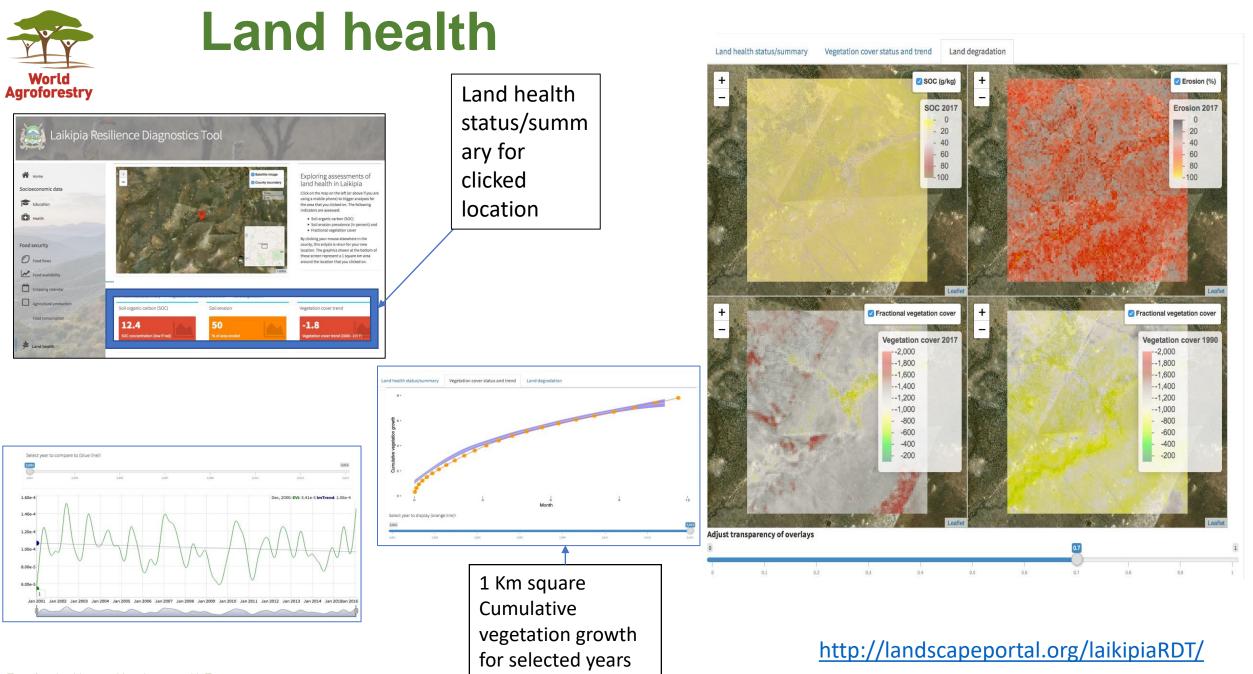


Ecosystem health diagnostics and monitoring









Thank you!

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