

Zimbabwe ICKM 2021 updates

- Appointment of a second focal person Mr Blessing Nekati.

To intensify efforts in promoting CCARDESAs interests at a national level and ensuring that our country becomes more committed than before to identifying project outputs that are of interest to CCARDESA..

- **Digitization of physical research documents**

There are many physical copies of Research projects, Annual technical reports, Government reports, Conference proceedings, maps, pamphlets, magazines, journals and manuals in our physical libraries that no one knows about or have long been forgotten about.

There is priceless information filed and kept in archives or repositories of most departments of agriculture in our country and the information is not easily accessible to departments and institutes within the ministry themselves as well as other stakeholders which include the farmers.

Acquisition of ScanSnap SV600 scanner.

Training of a CCARDESA focal person on their use

Digitisation of documents training session:



Digital/virtual libraries

Development of Knowledge Management units within Institutes of Agriculture

- We succeeded in convincing our Directors to establish a Knowledge Management unit.
- KM and DA unit
- Directors Happy with KM strategy
- Budget allocation

ICT infrastructure and tools to be used to facilitate information and knowledge sharing in Zimbabwe

- ICT Infrastructure in Zimbabwe has developed significantly.
- Increased coverage and penetration (106%) of mobile technology in Zimbabwe
- Finding means of leveraging on this development to repackage existing information for ease of dissemination
- Zimbabwe launched our own Space Satellite ZimSat-1.
- We are currently in the process of putting down how we want to benefit in Agriculture as far as Information collection and dissemination is concerned.

ICT infrastructure and tools to be used to facilitate information and knowledge sharing in Zimbabwe

- **Electronic data collection**
- Simple, robust and powerful tools for data collection.
- **ODK, Kobo Toolbox**
- **Use of drones for data collection**
- Drones , Quelea birds, Crop and livestock assessment.
- Separate department formed - wheat
- Accurately monitor fields , Track how crops are progressing from emergence through harvest , plant-counting , ensuring proper crop density.
- **Improved accessibility** – The flight envelope - between 0 to 120 metres above the ground, enabling them to capture information and imagery closer and with higher resolution
- **High-resolution data**
- To capture plant variability at a per-plant level.
- **Improving safety** – The removal of people from [unsafe and dangerous environments](#).

CLU - facilitating information and knowledge sharing in Zimbabwe

- Formation of a CLU
- Bringing Research, Extension and Education to talk to each other.

ICT infrastructure and tools to be used to facilitate information and knowledge sharing in Zimbabwe

- Supporting the capacity of dialogue platforms in Zimbabwe using
- Institutional websites
- Mobile electronic platforms such as EcoFarmer, eMKambo News, E-agro and Kurima Mari to mention just a few.
- Kurima Mari app provides:
 - Essential marketing tips to farmers
 - Production guides on how to realise maximum yields
 - Marketing and extension contacts
 - Educative videos and podcasts
 - Nutritional information
- Mushroomed SMS facilities that use ordinary text messages as well as bulk SMSes.
- Electronic Media - Radio and Television programmes.
- Fliers and information pamphlets in electronic and print formats.
- Agricultural Journals.
- Field days, demonstration plots and innovation platforms.
- **Promoting the use of the CCARDESA MOBILE APP.**

Challenges

Key challenges in availability and accessibility of agricultural information

- Cost of internet access for the consumers of information and cost of hosting repositories of the information from the supply side of the equation.
- Creation of knowledge management hubs connecting various stakeholders