

TREND ANALYSIS OF POST-HARVEST ICT SOLUTIONS IN EAST AFRICA: More examples of post-harvest ICT solutions in agriculture

1. Knowledge dissemination and training

| ICT solution | Implementers | Country | Technology type | Service provided |
|---|--|---------|---|--|
| Collecting and Exchanging of Local Agricultural Content (CELAC) | Busoga Rural Open Source and Development Initiative (BROSDI), Ugandan govt and civil society | Uganda | Internet, media print, mobile phones, radio, videos and live performances | Promotes the use of ICT and open development mediums that include effective knowledge sharing, information management and use of FOSS (Free Open Source Software) in rural settings. |
| Agriculture Research and Rural Information Network (ARRIN) | ARRIN, IICD | Uganda | Texts, videos and CDs. | Built 5 Information centers called InfoPops that collects questions from farmers and answers them via videos, texts and theatrical performances to the local communities in their native language. |
| Enhancing Access to Agricultural Information using ICT (EAAI) | Women of Uganda Network (WOUGNET), CTA, ASDI, Radio Apac, VEDCO, FAO, ARENET, NARO, RANET | Uganda | Mobile phone and Radio | Aims to develop and improve information and communication systems to enable easy access to agricultural information for rural women farmers |
| Infonet-Biovision Farmer Information Platform | BioVision Foundation, Avallain, ICIPE, FiBL, KENFAP, CACT, KARI, AIC, LED | Kenya | Radio, Internet and CD | Provides information to farmers and rural communities in Africa with contributions from local experts and international scientists on various topics. |

2. Market price information

| ICT solution | Implementers | Country/region | Technology type | Service provided |
|--|---|---|--|--|
| Crops Marketing Bureau (CROMABU) Project | CROMABU, IICD | Tanzania | Computers | Set up a telecentre with computers where farmers have access to information about prices and trade flows |
| Kenya Agricultural Commodities Exchange (KACE) | KACE, CTA, Safaricom, Rockerfeller Foundation, USAID, Hans Seidal Foundation | Kenya | Management Information System (MIS) and mobile phone SMS | Collects, processes, updates and disseminates market information daily to farmers and other market intermediaries through the MIS. |
| Esoko | Esoko Networks partnership with USAID's MISTOWA and CIAT FoodNet | Benin, Burkina Faso, Côte d'Ivoire, Ghana, Madagascar, Mali, Mozambique, Nigeria, Tanzania, Uganda, Cameroon, Afghanistan | Mobile phone SMS and web platform | Live market SMS feeds on prices and offers. Direct SMS marketing by targeting specific groups. Allows scout polling of field activities, inventories, crop cycles and yields. Setting up of customized online web profiles for marketing and advertising |
| Livestock Information Network and Knowledge System (LINKS) | Ministry of Livestock Development in Kenya, Ethiopia and Tanzania, GL-CRSP, CNRIT | Kenya, Ethiopia and Tanzania. | Web based and mobile phone SMS | Trends in livestock prices and prices of livestock products. |
| First Mile Project | Govt of Tanzania in partnership with Switzerland, IFAD and ISG | Tanzania | Internet based learning | Helps farmers improve their bargaining position in the marketplace by strengthening their capacity to identify market |

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| | | | | opportunities, negotiate and have a say in policy-making |
| M-Farm | M-Farm | Kenya | Mobile phone app and SMS | Provides up-to-date market prices via an app/SMS, direct to farmers. Farmers simply send a short code in order to get information pertaining to retail price, buy farm inputs directly from manufacturers and find buyers for their produce. |

3. Community sharing

| ICT solution | Implementers | Country/region | Technology type | Service provided |
|---|---------------------|----------------|---|---|
| National Farmer's Information Service (NAFIS) | Government of Kenya | Kenya | Mobile phone web and Interactive Voice response (IVR) | Information service where the groups of farmers exchange news and information on agriculture, weather patterns and other related issues through their mobile phones |

4. Financial services

| ICT solution | Implementers | Country/region | Technology type | Service provided |
|-------------------------------------|--------------|----------------|-----------------|--|
| Multiflower LTD | Multiflower | Tanzania | Mobile phone | Provides a simple method for credit access to farmers via mobile phone. |
| Uganda Women's Finance Trust (UWFT) | UWFT | Uganda | Computers | Allows clients access to cost-effective, transparent and accessible loans. |

5. Logistics and supply chain

| ICT solution | Implementers | Country/region | Technology type | Service provided |
|--|---|-------------------------------|--------------------------------|--|
| Livestock Information Network and Knowledge System (LINKS) | Ministry of Livestock Development in Kenya, Ethiopia and Tanzania, GL-CRSP, CNRIT | Kenya, Ethiopia and Tanzania. | Web based and mobile phone SMS | Cost of transporting animals from one market to another. Number of hours taken to transport animal |
| Linking Local Learners (LLL) | CTA | Kenya, Tanzania and Uganda | Website | Encourages everyone involved in the supply chain to learn from each other by building a network where they can communicate and share market information. |