



From policy makers to smallholder farmers

Access to knowledge: Making a difference

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KNOWLEDGE FOR LIFE





Global Issues and Context

- Global demand for food, feed, fibre will double by 2050 as the world's population increases to over 10 billion
 - Need to produce 60% more food
- Undernutrition is a major challenge to human and economic development. By 2050 over 1 billion people will still be at risk of malnutrition and hunger.
 - Undernutrition is associated with one third of all child deaths globally, and 165 million children are stunted

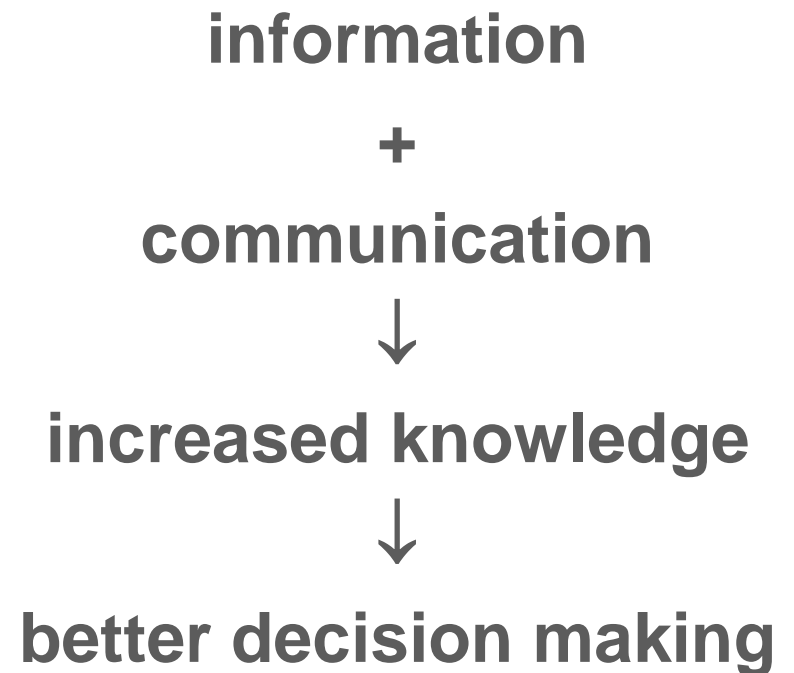
2030 Agenda for Sustainable Development

- No single goal to improve access to information or to develop the skills needed in an increasingly digital world
- Agenda recognises that access to information is a *catalyst* for development, not a development *outcome*:

“The spread of information and communication technology and global interconnectedness has great potential to accelerate human progress, to bridge the digital divide and to develop knowledge societies”



From policy makers to smallholder farmers





Challenges

- Information and data not in public domain
- If 'available' – often difficult to find
- A lot of work needs to be done to make information and data useful
- It's not just yield information and data – but also satellite, meteorology, market prices and value chain information and data
- Getting information and data into the hands of communities, particularly women
- Encouraging public bodies (research institutes, governments, NGOs) to make all data behind their research available and easy to access and use
- Gathering evidence on where access to information and data have positive impact on food and/or nutrition security



Introducing

gODAN

Global Open Data
for Agriculture & Nutrition



How GODAN came about

2012 G-8 Summit

World leaders commit to “ .. *share relevant agricultural data available from G-8 countries with African partners.*”

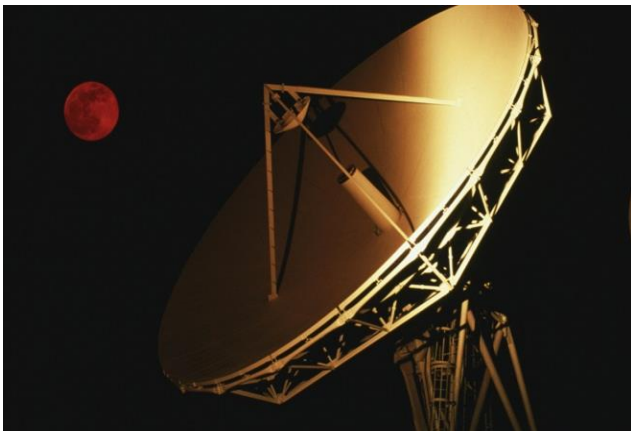
2013 (April) G-8 International Conference on Open Data for Agriculture

2013 (October) Open Government Partnership meeting – GODAN launched

2014 (December) Secretariat launched with 5 year timeline 2015-2019



What is open data?



Data that anyone can **access**, **use** and **share**:

- Readily available to everyone
- Reliable
- Useful
- Has best practices, success stories

198 partners and growing...



Partner map



The case for open data – white paper

- Explains why open data is important for agriculture and nutrition
- Thirteen use cases show the impact of open data - one of which is Plantwise – ‘Boosting crop yields with a best practice knowledge bank.’
- The paper prompts discussion about the issues and the opportunities that can



How can you help?

- Make data available
- Be an open data champion
- Host high level open data meetings
- Become a part of our expanding network:
www.godan.info





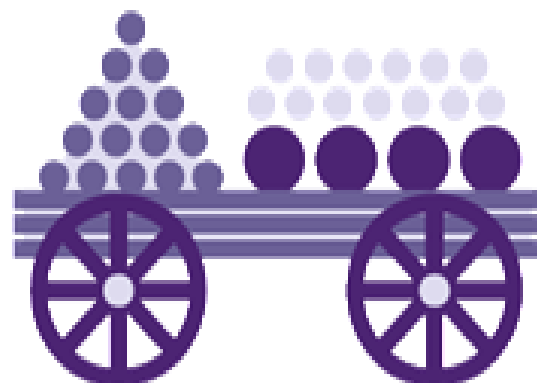
Mobile advisory services – introducing mNutrition



Challenges

- Improving nutritional status of women of child bearing age and children under the age of two years
- Reaching women in rural communities with mobile services
- Technical assistance to service providers to launch and scale up mNutrition services
- Support at national level – for long term sustainability
- Effecting behaviour change – diet and agricultural practices

mNutrition initiative



mHealth

The **mHealth** programme brings together the mobile industry and health stakeholders to improve health outcomes in the ten African countries, with initial focus on Millennium Development Goals 4, 5 and 6.

mAgri

The **mAgri** programme enhances the livelihoods and quality of life of developing world smallholder farmers by improving access to information, financial services and supply chain solutions, delivered via mobile.

GSM Association and DFID partnership

To develop and scale-up the delivery of nutrition messages through agriculture and health mobile phone platforms.

The mNutrition Initiative





ILRI

INTERNATIONAL
LIVESTOCK RESEARCH
INSTITUTE



OXFAM

BMJ



www.cabi.org

Improving nutritional status of women and children, a multidisciplinary approach:

- behaviour change in feeding and dietary practices
- referral to and demand creation for nutrition and health services
- registration of target population and timely and efficient data surveillance of key nutrition indicators
- **nutrition-sensitive agriculture practices**
- **increased access to food as a result of improved agricultural production and income**



Achievements so far

- Common framework content
- Key nutrition indicators and potential health & agriculture interventions, validated in 12 countries
- Nutrition-sensitive agriculture content for mobile Agri services in Ghana and Malawi
- Health based nutrition content for mobile Health services in Ghana, Malawi, Nigeria & Tanzania
- 3 mobile Agri services launched as pilots, together with the first 2 mobile Health services
- Linked up with Plantwise country teams in Ghana and Malawi, and using Knowledge Bank content



Going forward

- Leveraging CABI's core competencies in the area of nutrition-sensitive agriculture
- Ensuring linkage with core programmes, e.g., Plantwise and Direct2Farm
- Leveraging expertise in information management in the new 'data' management arena
- Working in Member Countries on nutrition-sensitive initiatives
- Working with Member Countries on mobile advisory services
- Looking forward to more dialogue with Member Countries on how we can encourage, support and partner Member Countries in open data initiatives



Assalamualikum शुक्रिया xie-xie efharistó
mercí zikomo
ありがとう
obrigada
urakoze
thank you
gracias
danke
terima kasih
dhanyawaad
asante
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ke itumetse
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