From policy makers to smallholder farmers
Access to knowledge: Making a difference

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Global Issues

- 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

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2030 Agenda for Sustainable Development

- **Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture**
    - 2.a Increase investment, including through enhanced international cooperation, … agricultural research and extension services, technology development … in order to enhance agricultural productive capacity in developing countries, in particular least developed countries

- **Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development**
    - 17.6 Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge sharing on mutually agreed terms, ….
    - 17.8 …….. and enhance the use of enabling technology, in particular information and communications technology

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From policy makers to smallholder farmers

information

+

communication

↓

increased knowledge

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better decision making

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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

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Introducing GODAN

Global Open Data for Agriculture and Nutrition

www.GODAN.info

Data anyone can access, use and share

Open Data must:

- be accessible, which usually means published on the web

- be available in a machine-readable format

- have a licence that permits anyone to access, use and share it

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# 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

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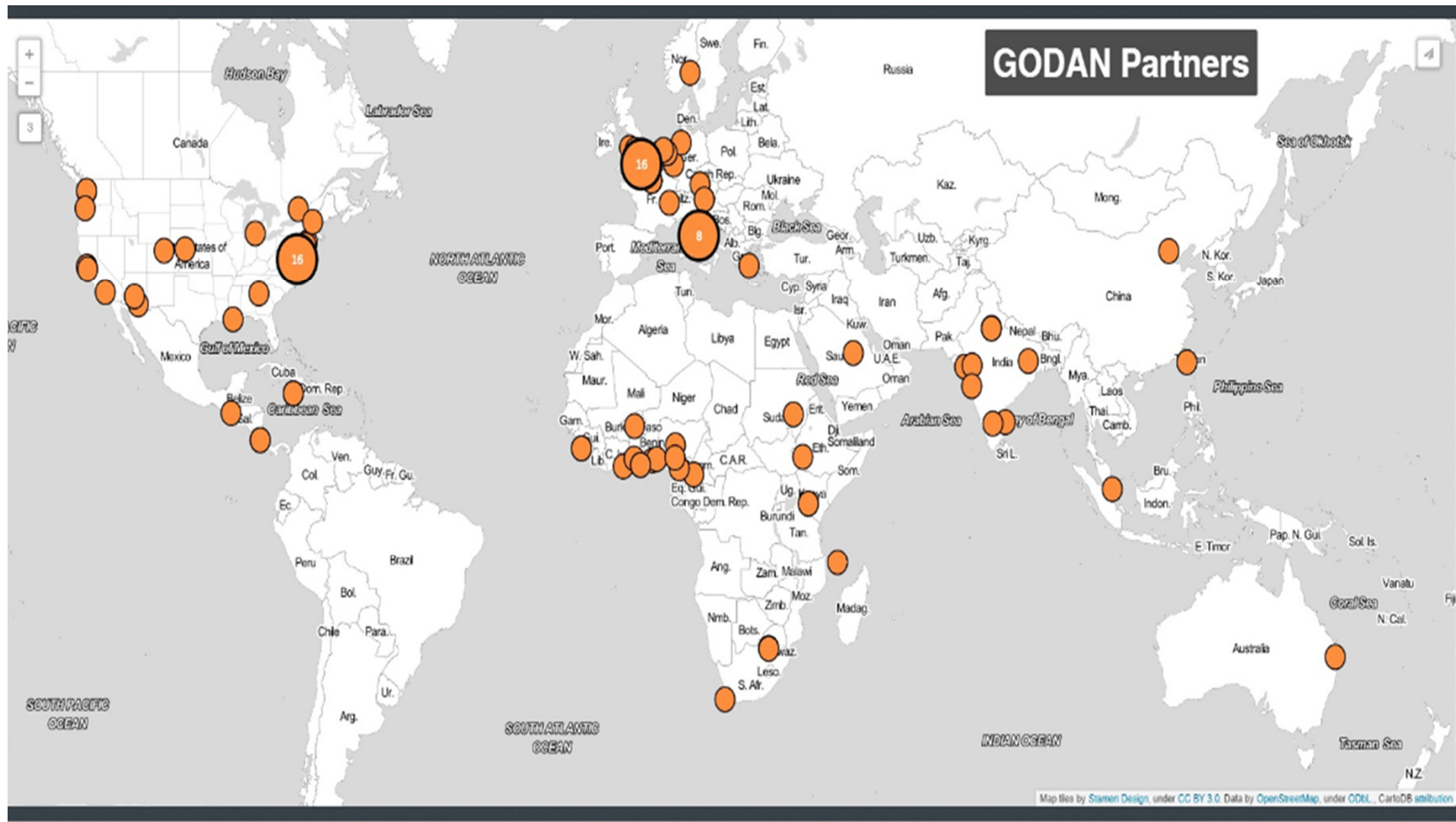
138 partners and growing

Africa Open Data Conference

- President Jakaya Kikwete, Tanzania, attending the Conference

- Kiringa Makau, Ministry of Kenya answering questions about agricultural transformation and the role of open data in Kenya

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The case for open information and data

- 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 solve problems

Join us

- Sign up means you agree to our principles in our Statement of Purpose http://www.godan.info/about/statement-of-purpose/

- Easy to complete forms online http://www.godan.info/partners/become-a-godan-partner/

- Talk to us about how you can get involved in our events, publications and working groups

Building on D2F – introducing mNutrition
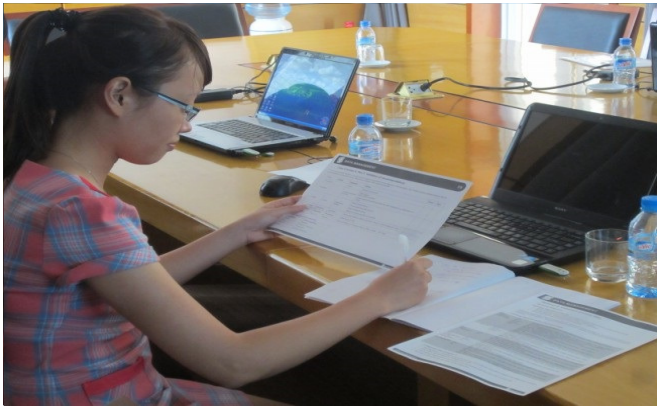
Challenges

- 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
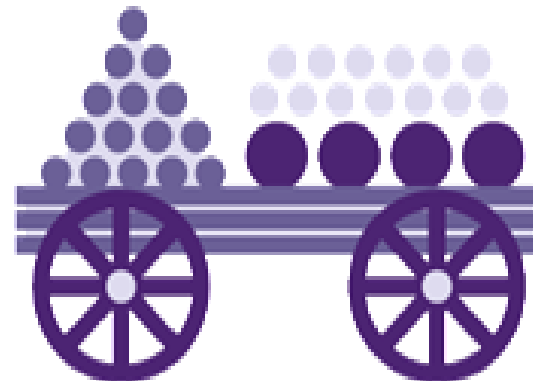
mHealth

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.

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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

8 in Sub-Saharan Africa:
Ghana
Malawi
Mozambique
Nigeria
Tanzania
Rwanda
Uganda
Zambia

4 in Asia:
Bangladesh
Pakistan
Sri Lanka
Myanmar

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

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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

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