Data Revolution to Zero Hunger

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World population is predicted to grow to 9 billion by 2050, global demand for food, feed and fiber is predicted to nearly double.

Open agriculture and nutrition data is a powerful tool for long-term sustainable development, improving the economic opportunities for farmers and contributing to the health of all consumers.

Increased availability and more effective use of data has the potential to be a vital resource for long-term sustainable development and a powerful driver for realizing and tracking progress towards the Sustainable Development Goals.
Launched in 2013, GODAN supports global efforts to make data relevant to agriculture and nutrition available, accessible, and usable for unrestricted use worldwide.

Voluntary association of public and private entities including donors, international organizations and businesses who have agreed to a joint Statement of Purpose.

Rapidly growing initiative, currently with over 530 partners from non-governmental, international and private sector organizations and national governments.

What is GODAN? www.GODAN.info
Global Network of Partners

www.GODAN.info

http://www.godan.info/become-a-godan-partner
National Centers for Environmental Information

https://www.ncei.noaa.gov/

One of the most significant archives on Earth, with comprehensive oceanic, atmospheric, and geophysical data – archiving over 26 terabytes per month from over 130 observing platforms with over 25 petabytes historical available.
Global Ocean Observing System for Climate
https://ioos.noaa.gov/community/global/

Example Map Surface Weather Observations
Source: NOAA Climatic Data Center
What if .... ?
Join GODAN today!

http://www.godan.info/become-a-godan-partner

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History

At the 2012 G-8 Summit, G-8 leaders committed to the *New Alliance for Food Security and Nutrition*, the next phase of a shared commitment to achieving global food security.

As part of this commitment, they agreed to “share relevant agricultural data available from G-8 countries with African partners and *convene an international conference on Open Data for Agriculture*, to develop options for the establishment of a global platform to make reliable agricultural and related information available to African farmers, researchers and policymakers, taking into account existing agricultural data systems.”

In April 2013, the commitment to *convene an international conference on Open Data for Agriculture* was fulfilled when the G8 International Conference on Open Data for Agriculture took place.

The vision to create GODAN was a by-product of this conference.
2016 Updates

2016 G20 Meeting of Agricultural Chief Scientists Communiqué
“We encourage G20 members to participate in and recognize the importance of open data and statistics networks, such as ... the Global Open Data for Agriculture and Nutrition (GODAN) initiative, to promote the sharing and application of relevant data of global agricultural research and to encourage uptake of research results by all.”

At the 2016 G7 Leaders Summit, G7 Leaders’ recognized the importance of the Global Open Data for Agriculture and Nutrition (GODAN) initiative in the G7 Vision for Action on Food Security and Nutrition:

“Enhancing implementation and accountability
The G7 will take the following measures to ensure the effective implementation of these actions and to enhance accountability. Focus on better data: The G7 recognizes the importance of the “data revolution” ...The G7 recognizes the importance of the Global Open Data for Agriculture and Nutrition (GODAN) initiative in making agricultural and nutritional data available, accessible and usable by stakeholders globally.”
GODAN Summit 2016 was held September 15-16, 2016 in New York City -- on the margins of the UN General Assembly meeting in New York City. Governments of the United States, United Kingdom, Kenya, the ONE campaign, and PUSH (Presidents United to Solve Hunger), committed to the vision of a 2016 GODAN Summit.

“Data is valuable in the entire food chain. It provides farmers with access to innovation in crop production, but also business models.”
Sanjeev Krishnan (Seed 2 Growth)

“Open data should become part of the African environment. The Kenyan Government is committed to championing the data revolution in Africa.”
Willy Bett (Kenyan Ministry of Agriculture, Forestry, and Fisheries)

“We have to move outside of the silos. Collaboration is not a luxury, but a necessity. Our company’s future success depends on our ability to use open data.”
Sarah Hull (Syngenta)