

# Open Geospatial Data for Agriculture and Nutrition

*André Laperrière*

*Global Open Data for Agriculture &  
Nutrition ([www.godan.info](http://www.godan.info))*

# Why GODAN?



- **Demographics** (3 X Pop)
- **Climate change**
  - Warmest years so far, natural catastrophes, agricultural zones changing
- **Technology**
  - Costs down, data availability unprecedented

# GODAN: A Global Network of Volunteer Partners



# 430+ partners from all sectors



# What can open data do for **agriculture & nutrition**?

## Trigger innovation:

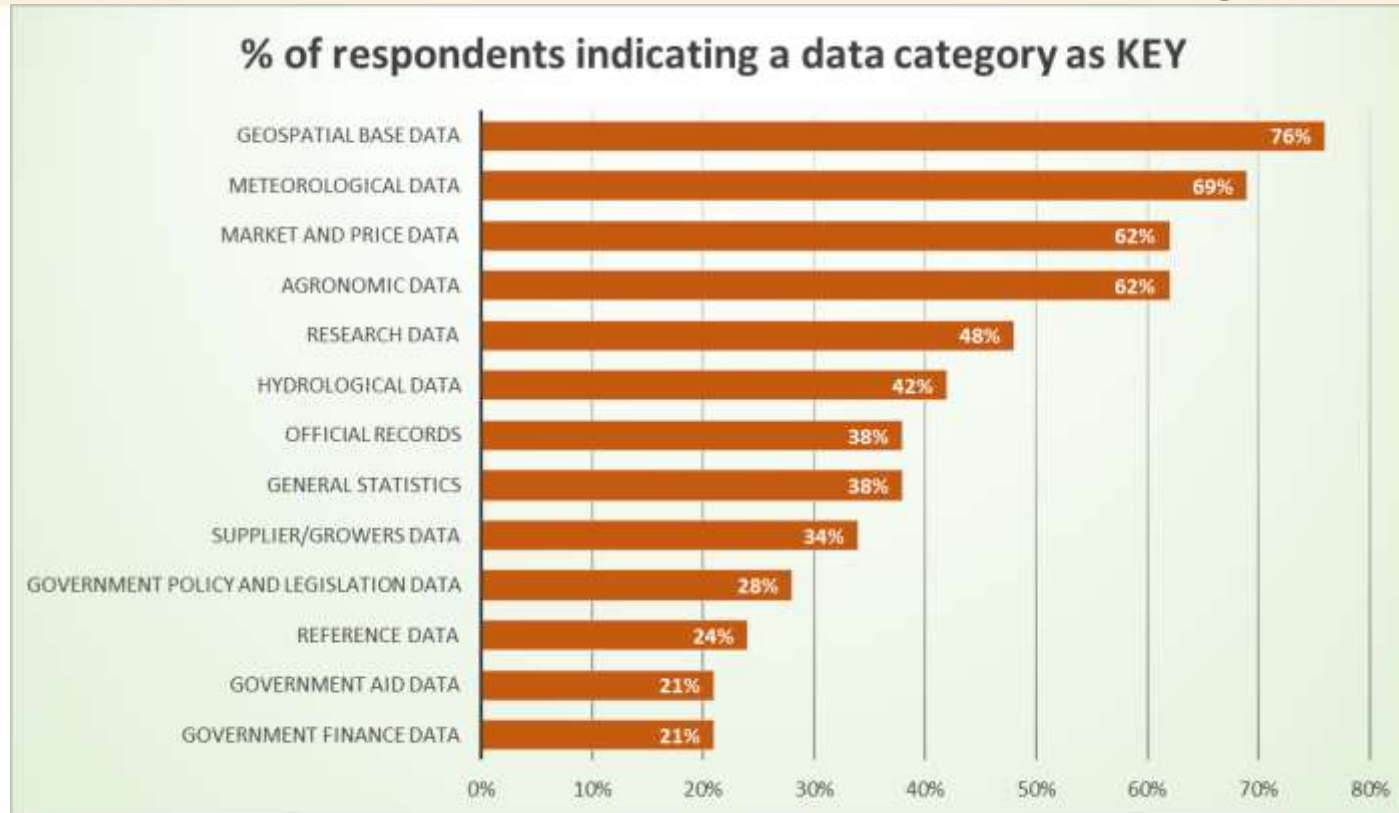
- Climate-Smart Agriculture/irrigation
- Efficient infestation management
- Better functioning food markets
- Mitigating climate change impact
- Increasing knowledge on nutrition

# Data for food security?

- **Farmers:** soil, weather data to improve yields.
- **Policy makers:** for policy making and land/Ag management
- **Environmental advocates:** ecosystem condition and regeneration data.
- **Agribusiness:** to optimize investments and resources sustainability.

**Data empowers people**


# Which data are users looking for?



# Example of Low tech sat+sensor inputs & open data



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## TerraSen Station BASIC





# More geospatial and sensors:



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Available in 2016

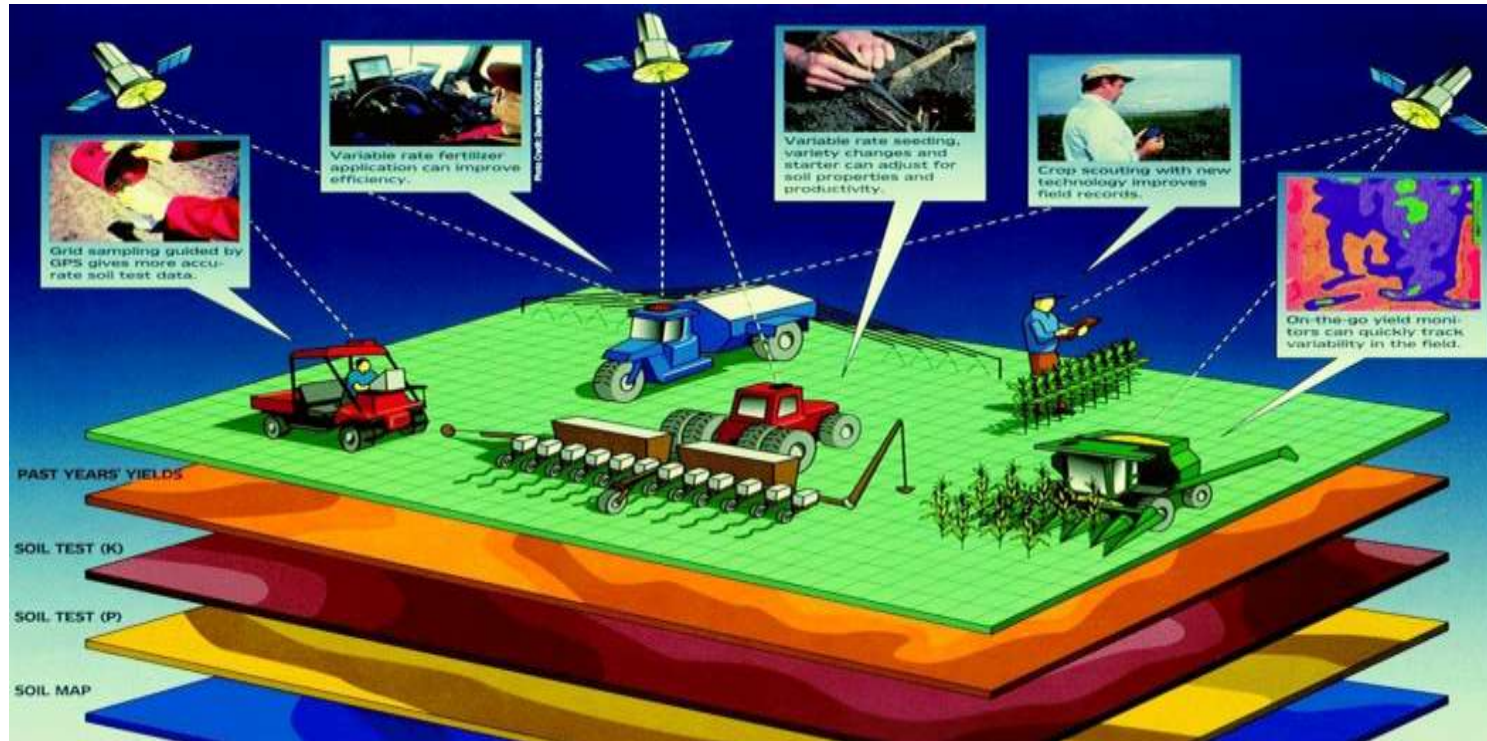
	prime	plus	pro
Field-Level Weather	●	●	●
Notifications	●	●	●
Scouting	●	●	●
Data Connectivity*		●	●
Field Data Visualization*		●	●
Field Health Advisor			●
Nitrogen Advisor			●



# Improved satellite data for farmers



# Unleash data power: integrate



# GODAN – NASA : Open Data Challenge launched!

For students worldwide:

- Solve a urban farming challenge
- Uses NASA's open source virtual globe technology, [WebWorldWind](#).

**Data is about empowering people now and for the future**

Projects due by 14 August 2017.

Contact: [suchith.anand@godan.info](mailto:suchith.anand@godan.info)

Details: <http://eurochallenge.como.polimi.it/>

[www.godan.info](http://www.godan.info)





[www.godan.info](http://www.godan.info)  
[enquiries@godan.info](mailto:enquiries@godan.info)