



### G4AW Goals

- Reaching over 4,5 million smallholders
- Providing them with useful and timely (agrometeorological) and/or (financial/insurance) products
- Improving sustainable food production, increase the effective use of inputs (water, nutrients, seeds, pesticides)
- Economic development in participating countries
- Stimulating private investments
- Financially sustainable services after 3 years
- Improved food security and income

### 23 Projects & partnerships

Over 120 organisations across 14 partner countries have initiated a total of 23 G4AW projects. Their business cases are all based on cooperation, affordability, sustainability and empowerment in a local context. They aim to bridge the entire information chain from satellite to soil; space for food security.

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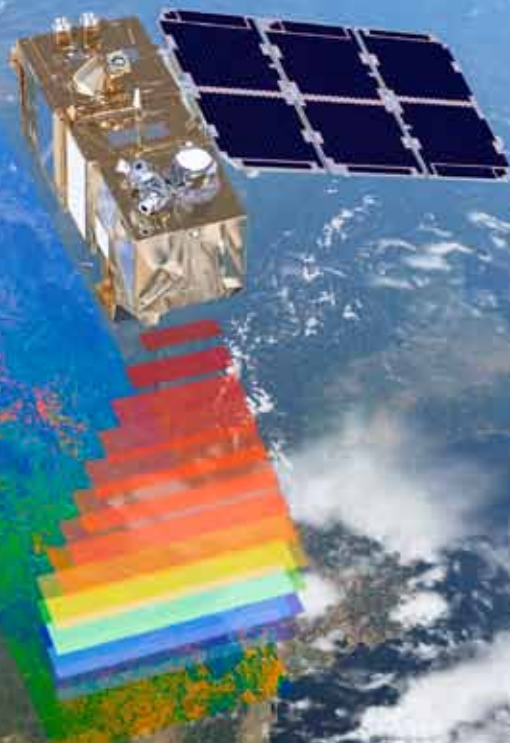
# Space for Food Security



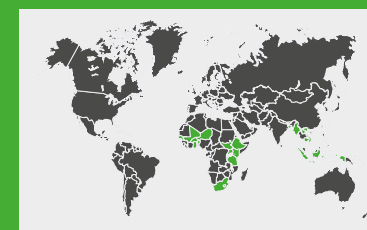


## A global challenge: Feeding the future

The food producers of our planet face the extraordinary challenge of feeding 9 billion people by the year 2050. As a consequence of climate change, there will be a growing competition in using water and finding fertile land. Further, reliable weather forecasts for food producers are scarcely available in developing countries.



Access to market information and customised, timely agricultural advice.



G4AW partner countries

### The opportunity: space for food security

The combination of improved mobile connectivity, new satellite services and private investments offers the opportunity for scaling up innovations to large-scale implementation and operations. A growing fleet of earth observation satellites encircling our planet guarantee a continuing global coverage and provision of free objective data.

Geodata, converted to relevant information on climate, weather and hazards, helps food producers and other stakeholders in developing countries; they can access market information and customised, timely agricultural advice, as well as warnings of natural hazards like floodings or droughts.

Increasing the quantity and quality of communication networks empowers millions of food producers in remote areas to make better decisions. Combined with these services, micro-insurances and/or micro credits can help guarantee the continuity of food production.

The Geodata for Agriculture and Water (G4AW) Facility promotes and supports private investments for large scale, demand driven and satellite based information services. It provides a platform for partnerships of public organisations, research institutes, private sector operators, NGO's, farmer cooperatives, satellite data/service operators, businesses and transmission operators, developing space for food security.

### G4AW projects and partner countries:

Country	Project	Lead Partner	Target group	Call	Project Start
Bangladesh	GEOBIS	LTSed	Potato, rice, vegetable	2	2015
Bangladesh	GEOPOTATO	Wageningen University	Potato	2	2015
Bangladesh	IDSS	ACI	Rice, vegetable	2	2015
Burkina Faso	MODHEM	SNV	Grass (pastoralist)	2	2016
Burundi	GAP4A	AUXFIN International	Various	3	2018
Cambodia	AngkorSalad	ICCO	Vegetables	3	2018
Ethiopia	CommonSense	Alterra	Sesame, sorghum	1	2015
Ethiopia	GIACIS	University of Twente-ITC	Rain fed arable crops (insurance)	1	2014
Ghana	Sat4Farming	Rainforest Alliance	Cocoa	3	2018
Indonesia	G4INDO	Wageningen University	Rice (insurance)	1	2014
Indonesia	SMARTseeds	ICCO	Chilli, tomato, cucumber	2	2016
Indonesia	SpiceUp	Verstegen Spices & Sauces	Pepper	3	2018
Kenya	CROPMON	SoilCares	Coffee, maize, grass, sorghum, cereals	2	2015
Kenya/Tanzania	GEODATICS	ICS	Maize, legume crops	2	2015
Mali	STAMP	SNV	Grass (pastoralist)	2	2015
Mali/Uganda	SUM Africa	EARS	Maize, millet, rice, sorghum (insurance)	1	2014
Myanmar	MYVAS4AGRI	Myanma Awba Group	Rice, green and black gram, maize, groundnut, potato and sesame	3	2018
Myanmar	SAM	Impact Terra	Rice, maize	3	2018
South Africa	R4A	ARC	Various	2	2015
Tanzania	SIKIA	TechForce Innovations	Rice	2	2016
Uganda	MUISS	CTA	Maize, soya bean, beans, sesame	2	2015
Vietnam	Sat4Rice	VinaNed	Rice	2	2015
Vietnam	GREENcoffee	ICCO	Coffee	2	2016