



GeOnG, Chambery,
5th November 2012

Technical Workshops |

From the Cloud to the Field

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The Cloud

- [Infrastructure as a service \(IaaS\)](#)
- [Platform as a service \(PaaS\)](#)
- [Software as a service \(SaaS\) SOFTWARE](#)
- [Storage as a service \(STaaS\) SERVERS](#)
- [Security as a service \(SECaaS\)](#)
- [Data as a service \(DaaS\)](#)

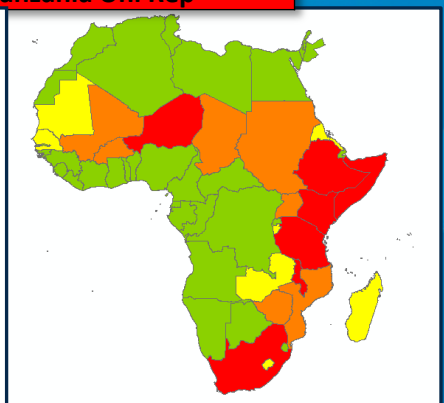
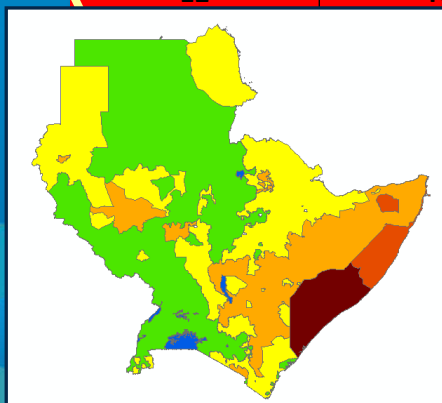
868 millions of people in the world are food insecure .The state of food insecurity in the world, (FAO2010)

Millennium Development Goal (MDG): target of halving the prevalence of the undernourishment in the developing world by 2015

In the last 10 years 1/3 of the world population has been affected by hazards

Type of disasters	Total n. of people affected in 10 years	%
Complex Disasters	10'853'900	0.39%
Drought	906'264'297	32.37%
Earthquake (seismic activity)	77'758'949	2.78%
Epidemic	6'549'892	0.23%
Extreme temperature	87'738'697	3.14%
Flood	1'261'413'080	45.08%
Industrial Accident	1'002'080	0.04%
Mass movement wet	3'548'145	0.13%
Miscellaneous accident	133'684	0.00%
Storm	439'072'596	15.69%
Transport Accident	47'257	0.00%
Volcano	1'550'534	0.06%
Wildfire	2'139'269	0.08%
Total	2'798'072'380	100.00%

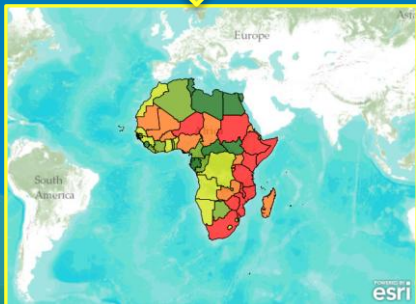
1	India
2	China P Rep
3	Ethiopia
4	Thailand
5	Kenya
6	Niger
7	South Africa
8	Somalia
9	Zimbabwe
10	Malawi
11	Sudan
12	Tanzania Uni Rep



**Technology is not the bottle neck that prevent
Humanitarian community & decision makers understand & reach the target
The cloud can facilitate the power of Geotargeting within the Humanitarian community .**

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The Field

**Cultivate 'connectivity' and 'co-creativity'
Partnership & Community Network Development**

Data Life & Impact

Data Democratization

Opportunity to make field work emerge

Field People **Capacity**
Building & technology awareness- Management

Infrastructure:
Server & Software Security (e.g Haiti) & Sustainability

Connectivity

Need of high interoperability between existing traditional software & the cloud to leverage on existing work

Technology & Software has to be a longterm stable infrastructure

HQ vs Field: Internal planning
Workflow management

Data Ownership & Security

**ACHIEVEMENT OF OBJECTIVES:
Hunger & Food Security, Environment, Health, Education**