

ANTONIO MOLLFULLEDA

GNSS-R KEY ACCOUNT MANAGER

Starlab[®]
Living Science



#UKSPACE2017



> 70 projects

GNSS-R



> 20 projects

Radar Systems



> 20 other projects

Optical images



Space technology

Space Applications

Products and Services



Urban Tree Canopy (UTC) status

The vast waters of the Tapajos river, Ar

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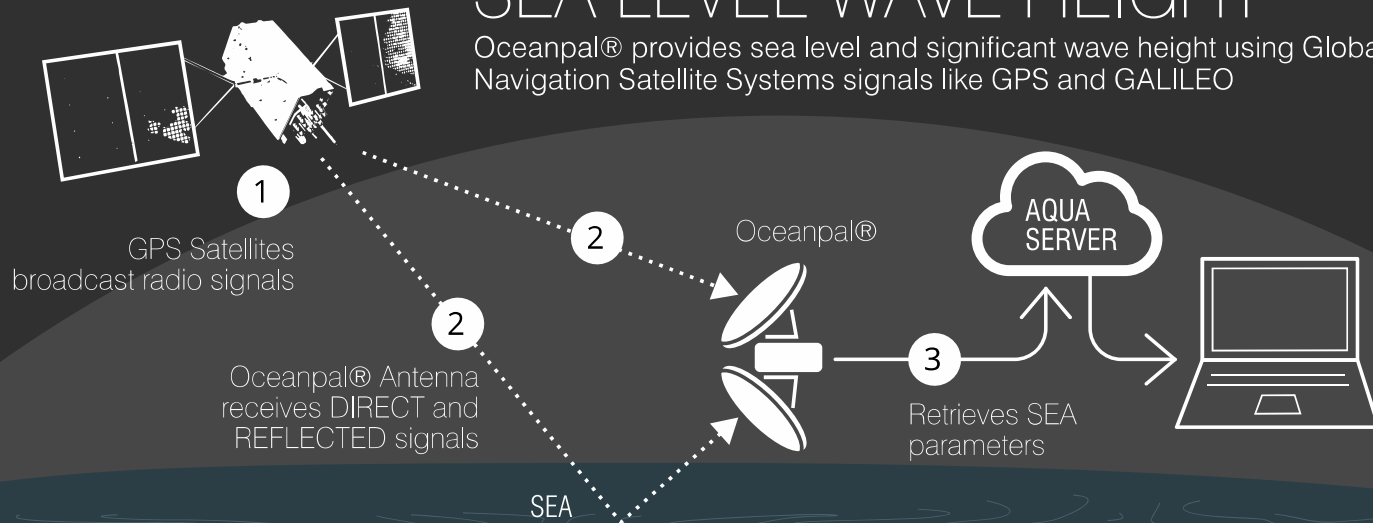
GNSS-R Concept for remote sensing

High interaction of L-band signals with water and vegetation



SEA LEVEL WAVE HEIGHT

Oceanpal® provides sea level and significant wave height using Global Navigation Satellite Systems signals like GPS and GALILEO



GNSS-R activities for Land



- Research the interaction of L-band with vegetation.
- **LEiMON project**
 - Ground-based instrument
 - SM & vegetation
- **GRASS project**
 - Airborne sensor
 - SM maps
 - Biomass monitoring

**NEW
SERVICE**



HORIZON 2020

- **Innovation Action (IA)**
- **Identify business opportunity**
- **Exploitation of GALILEO Signals**
- **Preparation of services**
- **Standardization**

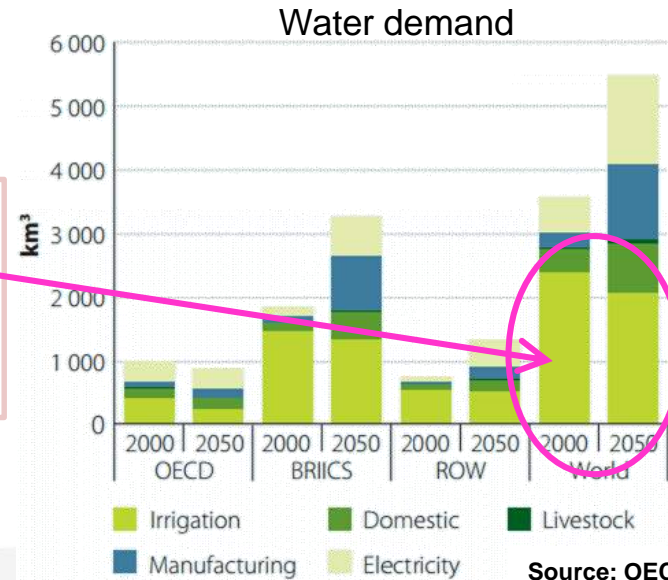


The User needs



- Water demand will grow by 45% by 2030

Agriculture is the biggest freshwater consumer (70% of all freshwater)

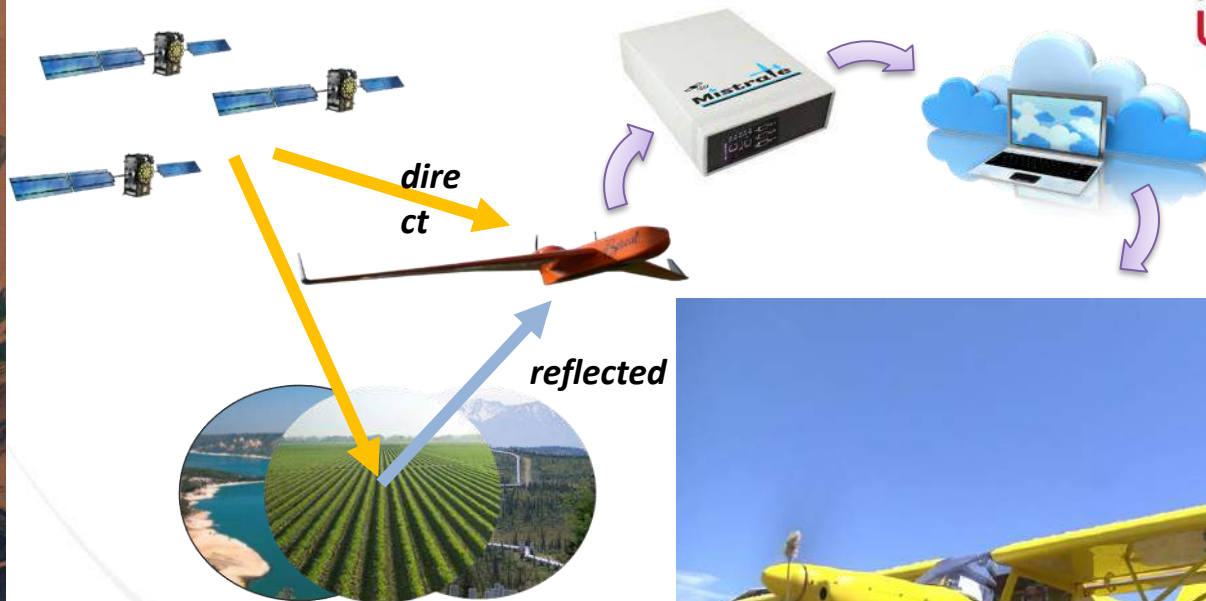


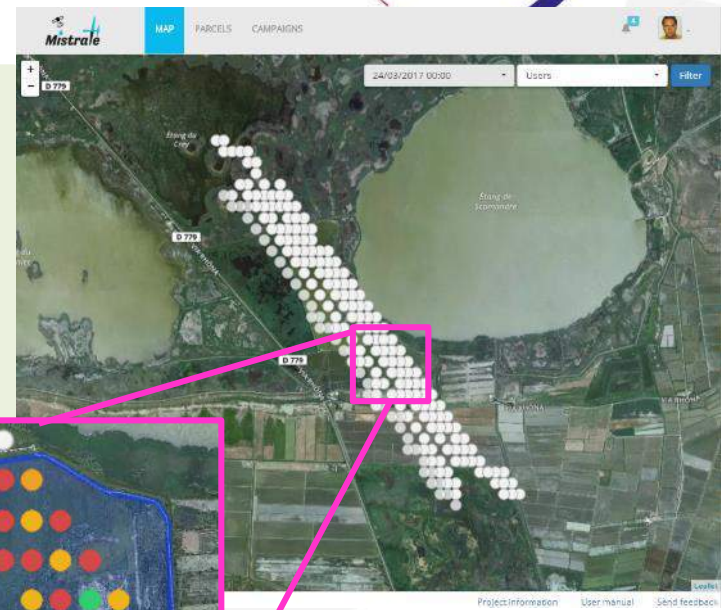
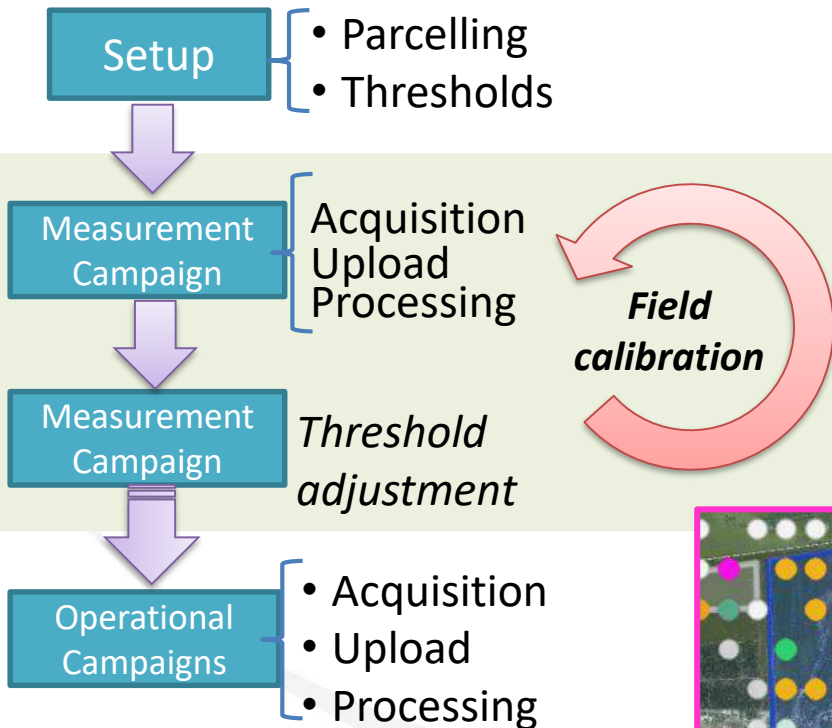


The vast waters of the Tapajos river.



What is MISTRALE





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The vast waters of the Tapajos river.



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**Couldn't
see it ?**





The vast waters of the Tapajós river.

**Thank you for your
attention**



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