H2020 SOCIETAL CHALLENGE 5

CLIMATE/ ENVIRONMENT & RESOURCE EFFICIENCY

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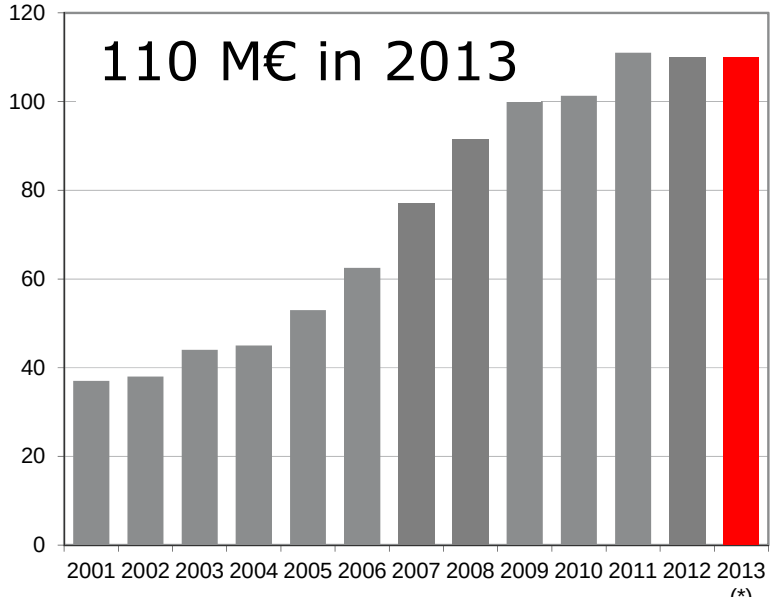
INNOVATING SOLUTIONS

INTRODUCTION

- 30 years experience in large international space projects management and coordination and operational services
- Deep technological know-how
- Close relationship with many public and private stakeholders
- Access to global market
- Offices in Spain, Portugal, Poland, Germany, Romania, France, USA, Colombia, Malaysia, India, and United Kingdom
- **Key personnel already deployed in Africa**



H2020 POC

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ACTIVE IN WATER MARKET

FP7 MYWATER coordinator

- A Software tool and a set of Services for integrated, comprehensive and appropriate Water Management
- Concept merges hydrological models, meteorological data and Earth Observation data for reliable information on Water
- Services focused on irrigation support (water availability and water use), reservoir management (water quality and quantity), water quality and floods alerts (prevention and mitigation), competing pressures (population, land use/cover maps)
- Demonstrations with end-users in Brazil (hidroelectric potential), Mozambique and Portugal (river basins)

Member of approved Action Group within EU EIP on Water (**RESEWAM-O, Remote Sensing for Water Management Optimization**)

- Aims to develop agricultural Adaptation to Climate Change activities using Earth Observation Remote Sensing techniques and Water Management solutions
- Works on water reuse projects as a solution to water scarcity in agriculture

EIP Water
Boosting opportunities – Innovating water

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BACKGROUND AND TOPICS OF INTEREST

- Research projects in EU FP7, LIFE+, GMES-Copernicus, REDD, and ESA Climate Change Initiative:

FIRE CCI, **FireSmart**, **OSIRIS**, **GLOBAEROSOL**, **RECOVER**, **GMES Service Element Program Forest Monitoring**, **GMES Service Element Program PROMOTE**, **DRUID**, **GENESIS, FUELMAP**, **MyWater, Copernicus pre-operational services**

- WATER-2-2015: Integrated approaches to water and climate change
- SC5-18 – Coordinating and supporting Earth Observation research and innovation in the EU, and in the North African, Middle East and Balkan region

- Technological reliable partner for developing operational tools embracing space-based, airborne and in-situ data
- Involved in the development of the SAFNWC/MSG and the generation of the ECV Fire Disturbance

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