



Governo dos Açores



*EU FUNDING FOR RESEARCH AND INNOVATION IN THE OUTERMOST REGIONS  
22 - 24 September 2010 - Ponta Delgada, Azores*

## Round table: Sharing project promoters experience

**Project:** The large aperture European Solar Telescope

**Speaker:** Jesús Burgos Martín. Instituto de Astrofísica de Canarias

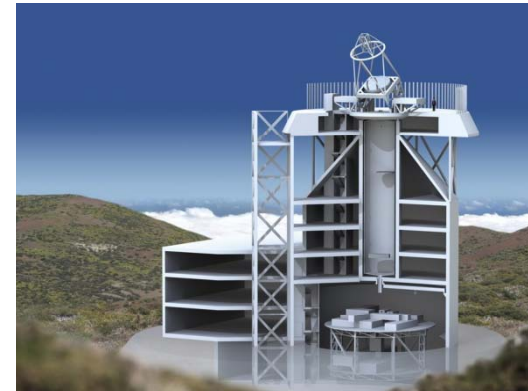


Duration: Feb 2008 – Jul 2011

## Project: The large aperture European Solar Telescope

### 1 - Main objectives of the project:

- **WHAT:** Conceptual design study for the large aperture European Solar Telescope to be installed at the Canary Islands.
- **WHY:** To keep Europe in the frontier of Solar Physics.
- **HOW:** The EST will specialise in high spatial and temporal resolution using a large number of visible and near-infrared instruments simultaneously.



### 2 - Consortium: 29 institutions

#### ■ 14 research centres from 9 EU countries:

IAC (ES), KIS (DE), UU (NL), THEMIS SL (ES), UToV (IT), INAF (IT), MPG (DE), RSAS (SE), UPS (FR), QUB (UK), UCL-MSSL (UK), AIASCR (CZ), AISAS (SK), OPM (FR)

#### ■ 15 private companies from 6 EU countries:

HTT (DE), ROTHE (DE), FLENDER (NL), PH (NL), HANKOM (NL), PMD (NL), POLYNED (NL), MTM (DE), NTE (ES), IDOM (ES), CIMNE (ES), SRS (IT), AND (UK), UFP (CZ), GRANTECAN (ES)

## Project: The large aperture European Solar Telescope

### **3 - Expected impacts of the project:**

- This project aims at demonstrating the scientific, technical and even financial feasibility of the EST.
  - Including technological key aspects.
- A better understanding of the processes that take place in the Sun.
- The construction of the largest and most advanced ground-based solar telescope in the world.
- Technical/industrial and socio-economic impacts: industrial partners, hosting region, etc.

### **4 - Additional information:**

- Coordinator's email address: [mcv@iac.es](mailto:mcv@iac.es)
- Website: [www.iac.es/project/EST](http://www.iac.es/project/EST)
- More information on technical, industrial and socio-economic aspects: [www.otri.iac.es/est](http://www.otri.iac.es/est)