

# European collaboration around ESO

Public

# Mission

Construct and operate state-of-the-art observatories

Foster cooperation in astronomy







# ESO Sites



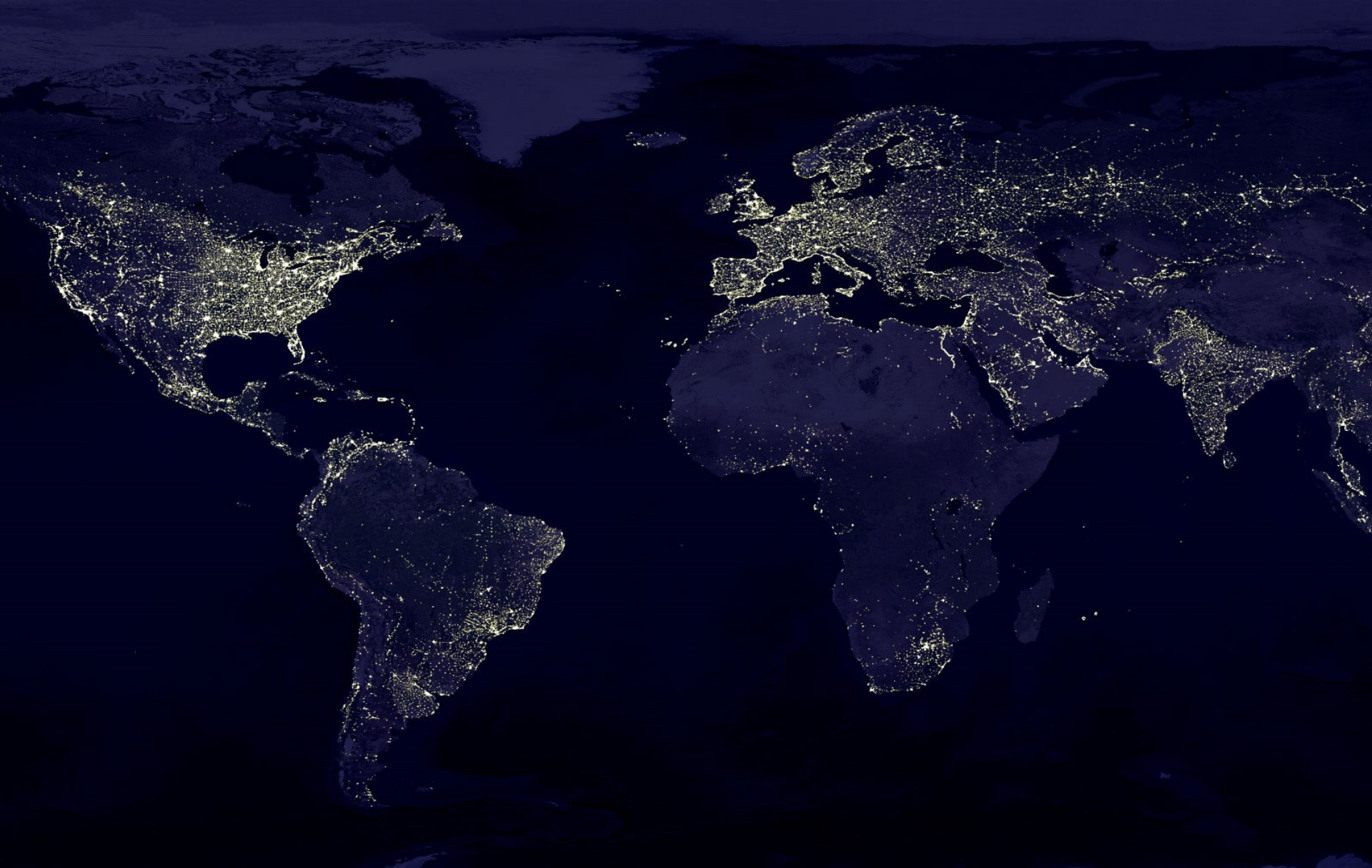
Chajnantor - ALMA and APEX  
5.100m

Paranal – VLT/ VLTi, ELT and CTA  
2.640m and 3.046m

La Silla – 3.6m, NTT and hosted telescopes  
2.400m

Santiago  
ESO offices and JAO

# Why Chile?





# Excellent climatic conditions

## Atacama desert:

- Dry climate
- 90% clear skies
- Low turbulence
- No light pollution
- High altitudes/ low water vapour



# ESO procurements

■ <https://www.eso.org/public/industry/cp.html>

## Procurement at ESO

The main objective of the Contracts and Procurement Department is to fulfill the organizational needs with regard to procurement and sales in an adequate manner and within the organization's policies and rules for awarding contracts.

For information or questions, please contact [cp-garching@eso.org](mailto:cp-garching@eso.org) for Europe or [cp-chile@eso.org](mailto:cp-chile@eso.org) for Chile.

If you are interested in becoming a supplier of goods or services to ESO please submit your company information to our Contracts and Procurement Department in either [Europe](#) or [Chile](#).



### FORTHCOMING CALLS FOR TENDER

Advance Information on forthcoming Calls for Tenders/Preliminary Inquiries exceeding 150,000 EUR

### PROCUREMENT PROCESS

An Overview of the ESO Procurement Process

### GENERAL CONDITIONS

ESO General Conditions



### FORTHCOMING CALLS FOR TENDER

Advance Information on forthcoming Price Inquiries/Calls for Tender/Request for Information from 50-150,000 EUR

### INDUSTRIAL LIAISON OFFICERS

Contact Details of Industrial Liaison Officers

Cooperation between

Update your information in the ESO Supplier database (for Europe)

Update your information in the ESO Supplier database (for Chile)

### BUSINESS OPPORTUNITIES AT OTHER INSTITUTES





# Why European partnering is important

No specialist  
telescope builder,  
or instrument  
builder

Scale of projects

Complexity

State of the art  
technology

Best of class

# ESO and consortia

## ■ Telescopes:

- ESO system integrator
- Elements designed and produced by industry
- Often in the form of industry consortia

## ■ Instrumentation

- ESO system integrator
- Each instrument designed and constructed by an instrument consortium
- Renumeration of consortia partly in guaranteed time of observation



# Industry consortia

- 1 representative vs ESO
- Horizontal or vertical consortium allowed
- Consortium members jointly and severally liable for fulfillment of contract
- Share of a partner in consortium limited to 60% of the annual turnover of the partner
- Examples:
  - Adoptica (Microgate and ADS): ELT M4 unit
  - Fames (Fogale and Micro-Epsilon): ELT edge sensors

# Instrument Consortia

- Consortia existing of institutes only
- One lead institute which is representative vs ESO
- Consortium members jointly and severally liable for fulfillment of contract
- Examples:
  - METIS
  - MAORY
  - HARMONY
  - MICADO

# Questions

