

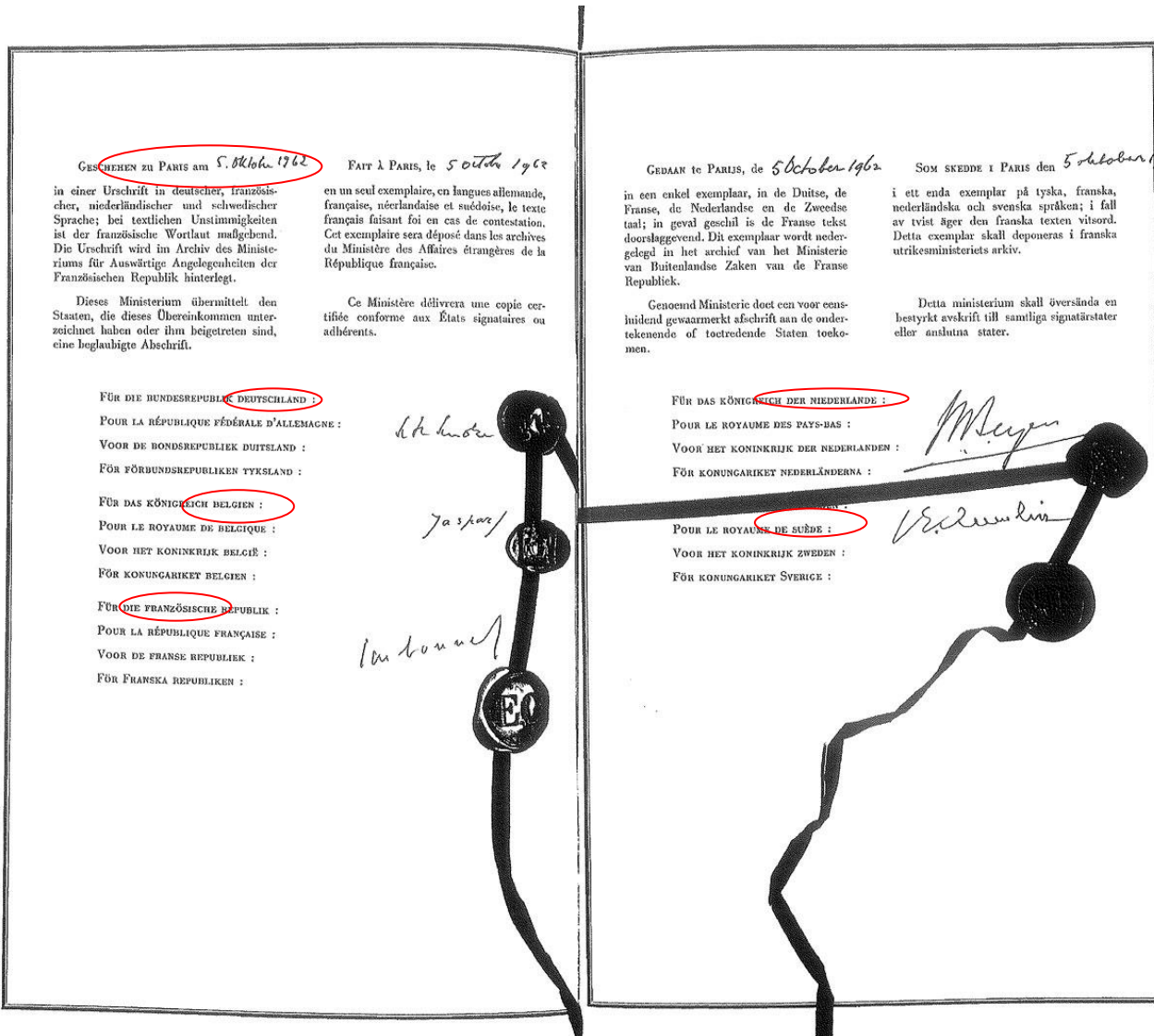
# ESO General Overview



**Patrick Geeraert**  
Director of Administration



# ESO: Intergovernmental Treaty



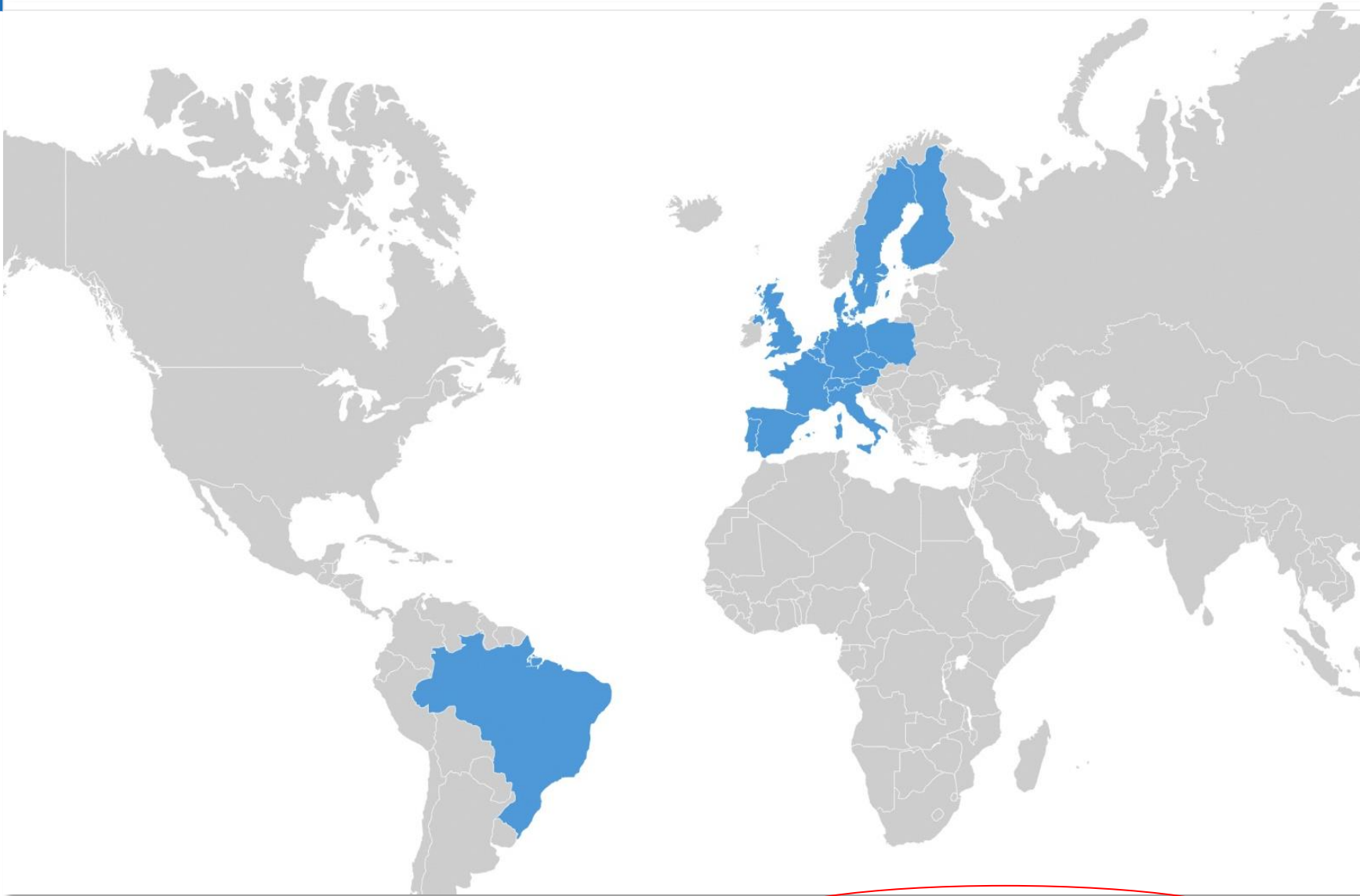
Signed in  
Oct 1962

By 5 Countries

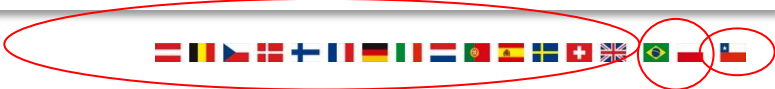




# ESO 14 (+2!) Member States



Brussels, 18 June 2015



# Mission

- Construct and operate powerful observatories
- Foster cooperation within its Member States

# Governance model

- Council:
  - 2 delegates per Member State + President
- Director General
- Advisory to Council
  - Finance Committee + Science and Technical Committee
- Advisory to Director General
  - Observing Programs Committee + Users Committee



# Member of EIROforum



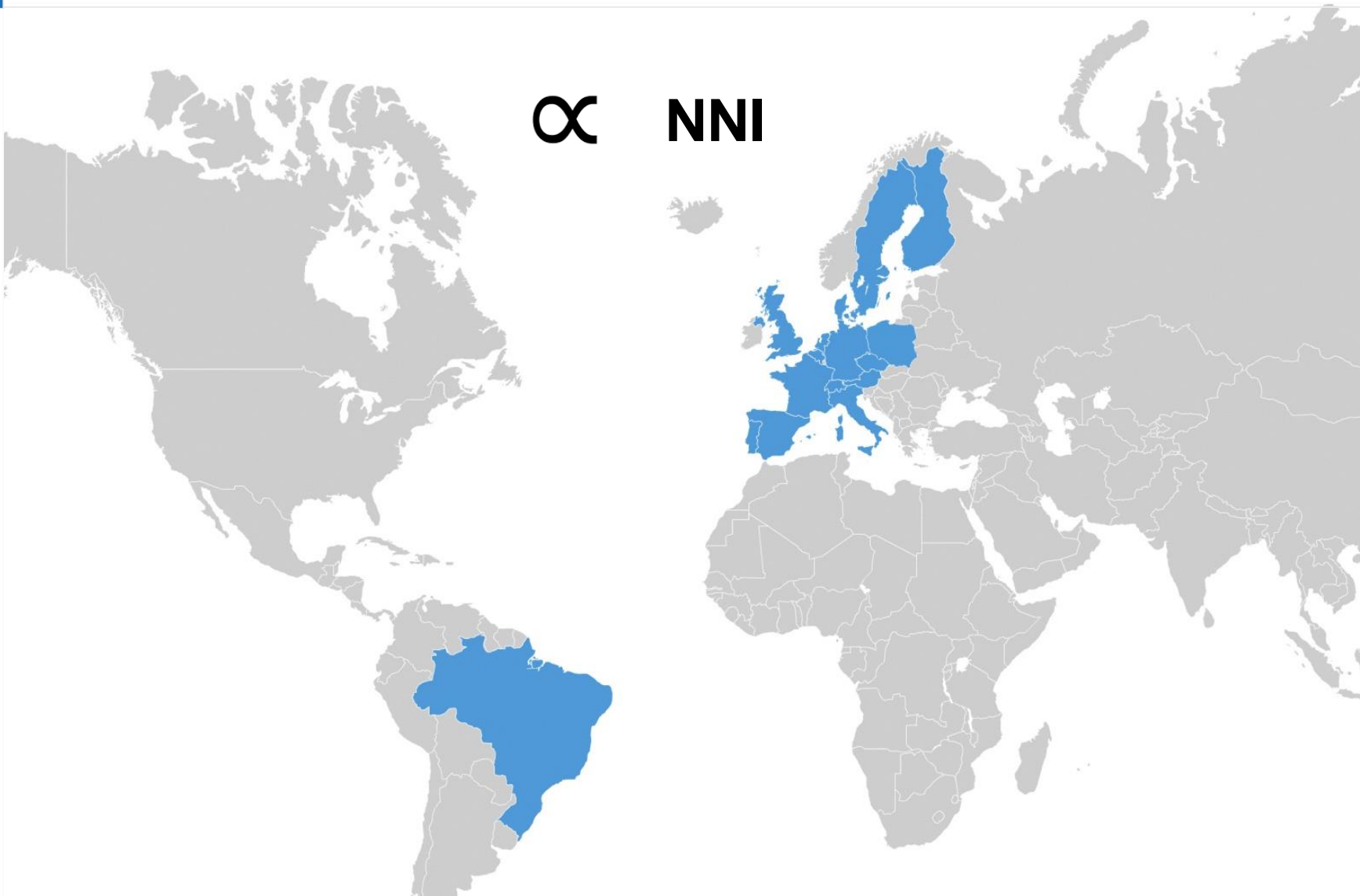
# 2015 Budget

- 199 MEUR without  and 
- 239 MEUR with  and 
- ~72 MEUR are for personnel costs





# Member States





# ESO programme

- Visual/infrared light (ESO only)
  - La Silla telescopes
  - VLT, VLTI, VST, Vista
  - E-ELT under construction
- Submillimeter radio waves (partnership)
  - APEX
  - ALMA



# ESO in Chile

## ALMA and APEX

Height: 5100 m

## VLT and E-ELT

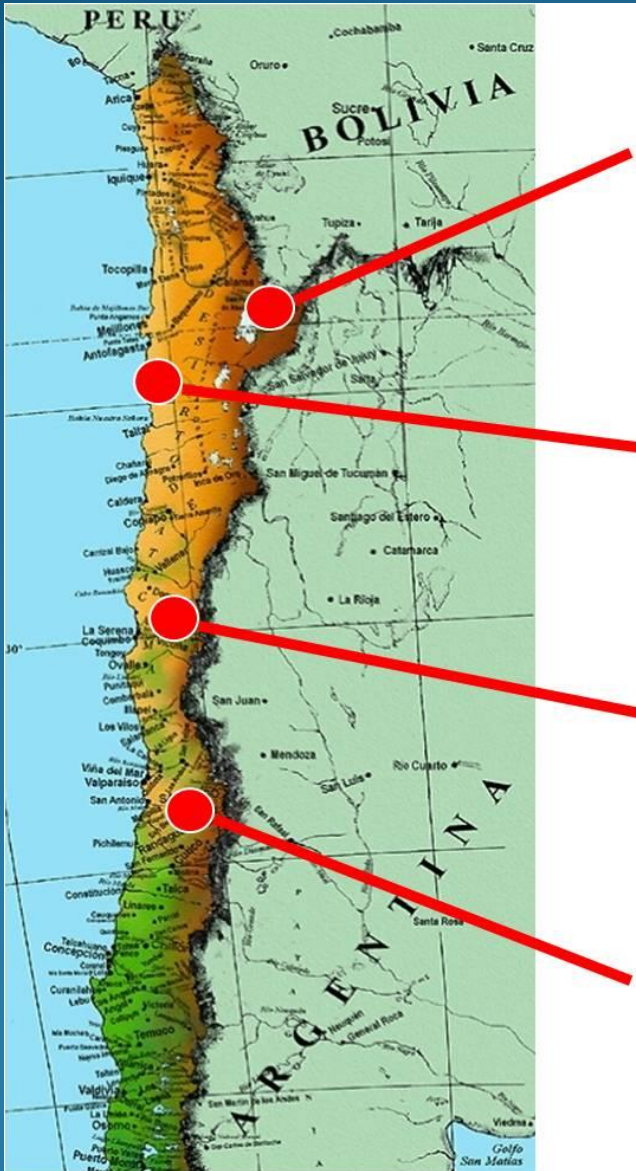
Height 2635 m + 3046 m

## La Silla:

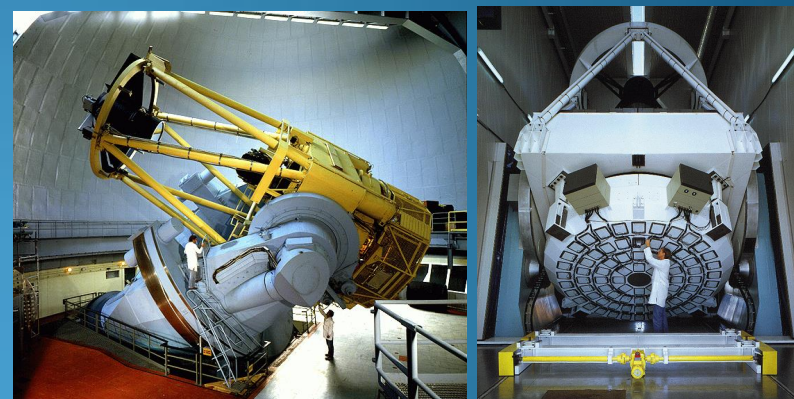
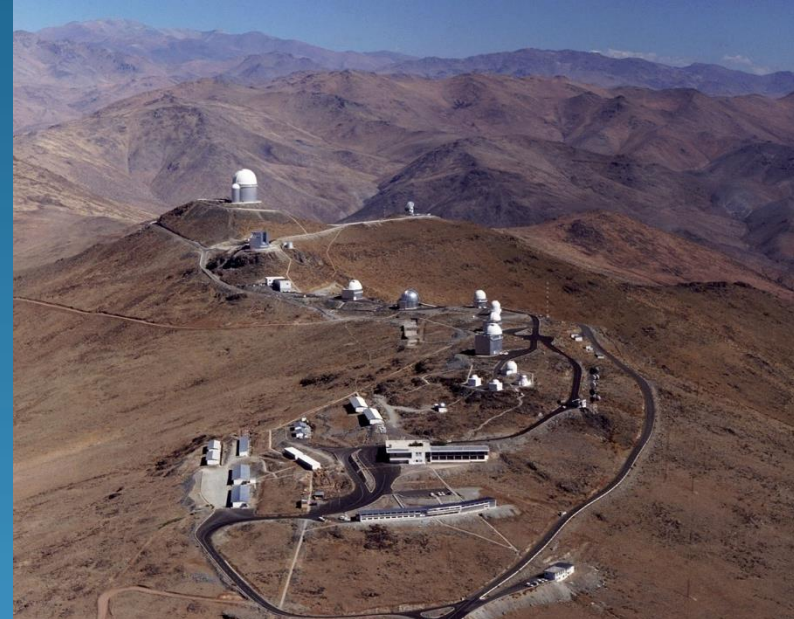
Height: 2400 m

## Santiago

(Offices)



- Medium-size telescopes
  - 3.6m: HARPS for planet searches
  - 3.5m NTT: EFOSC2, SOFI & visitor instruments
  - 2.2m in partnership with Max Planck Society
  - Visitor mode only; fewer than 20 staff members
- Small telescopes
  - Closed/funded externally
  - Include robotic telescopes (REM, TAROT, TRAPPIST)





Paranal



# Paranal Residencia





# Armazones and Paranal







# Chajnantor

- APEX
  - 12m sub-millimeter antenna
  - Operated by ESO @ Sequiton
  - MPG (50%), Sweden (23%) and ESO (27%)
- ALMA
  - Transformational science
  - 66 antennas at 5050m (AOS)
  - Operations support at 2950m (OSF)
  - Global partnership
    - North America
    - Asia & Chile



at  
Ea





# ALMA in 2013



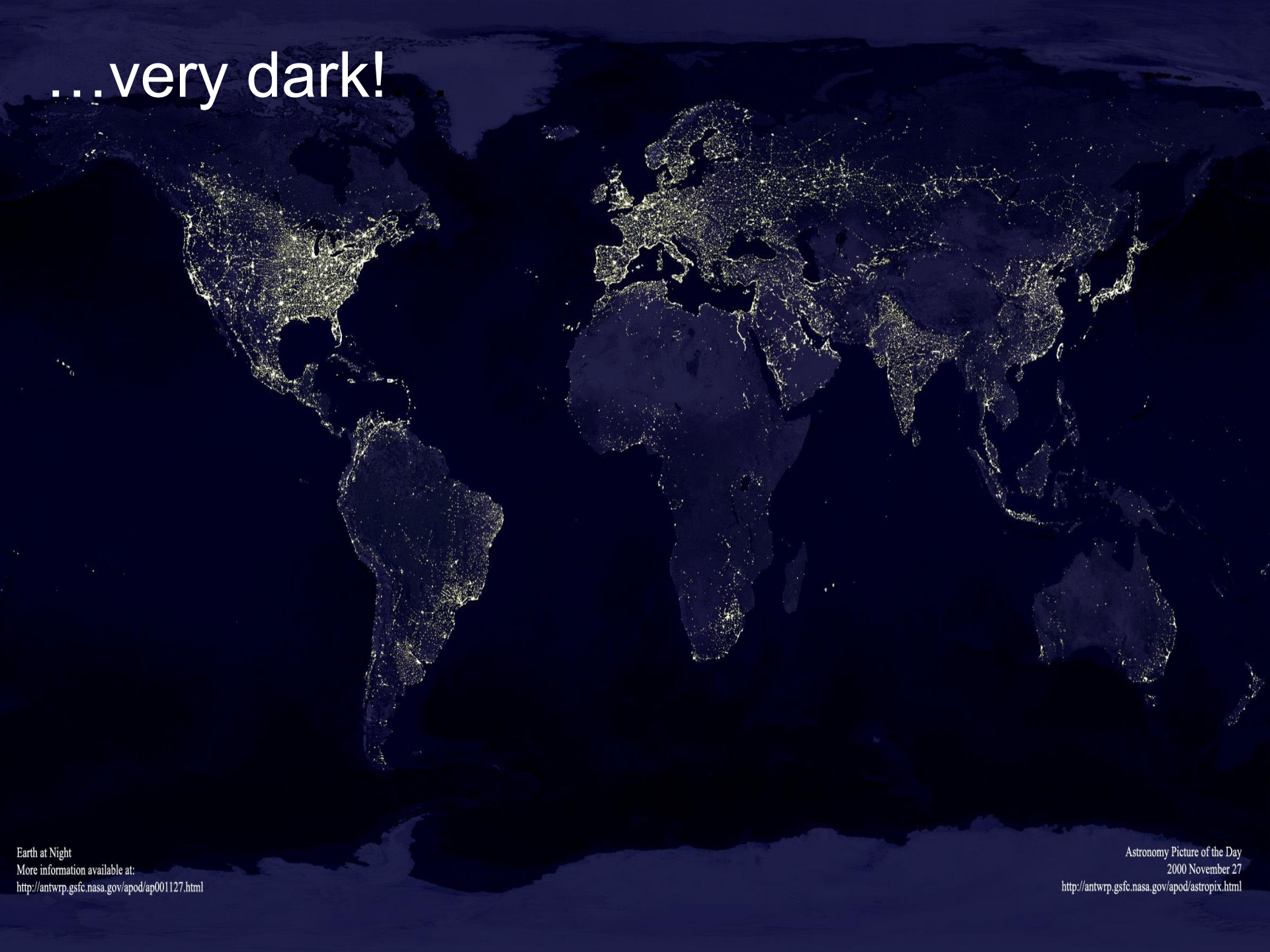
# Atacama Desert: high



dry and



...very dark!



Very clear skies even with naked eye



# Santiago

## ■ Vitacura

- ESO Office
- ALMA Santiago Central Office completed
- Includes underground parking for ESO

## ■ ESO Guesthouse





# Headquarters

- HQ built in 1981
  - Expanded a few times
  - Capacity ~290 persons
  - ~200 others
    - In temporary offices
    - Elsewhere on campus
  
- HQ Extension
  - Design: Auer & Weber
  - Office building + auditorium
  - Technical building
  - Construction 2012-13



# Headquarters Extension

- Three components
  - Office & Conference Building
    - 280 workplaces, auditorium with 234 seats, new Council room
  - Technical Building
    - Instrumentation assembly hall, laboratories, workshops, server rooms, 20 workplaces
  - Covered connecting bridge
- Completion Dec 2013





# ESO HQ is in Germany



# Visitor Center



- ❑ Donation from Klaus Tschira Stiftung
- ❑ Completion in 2017

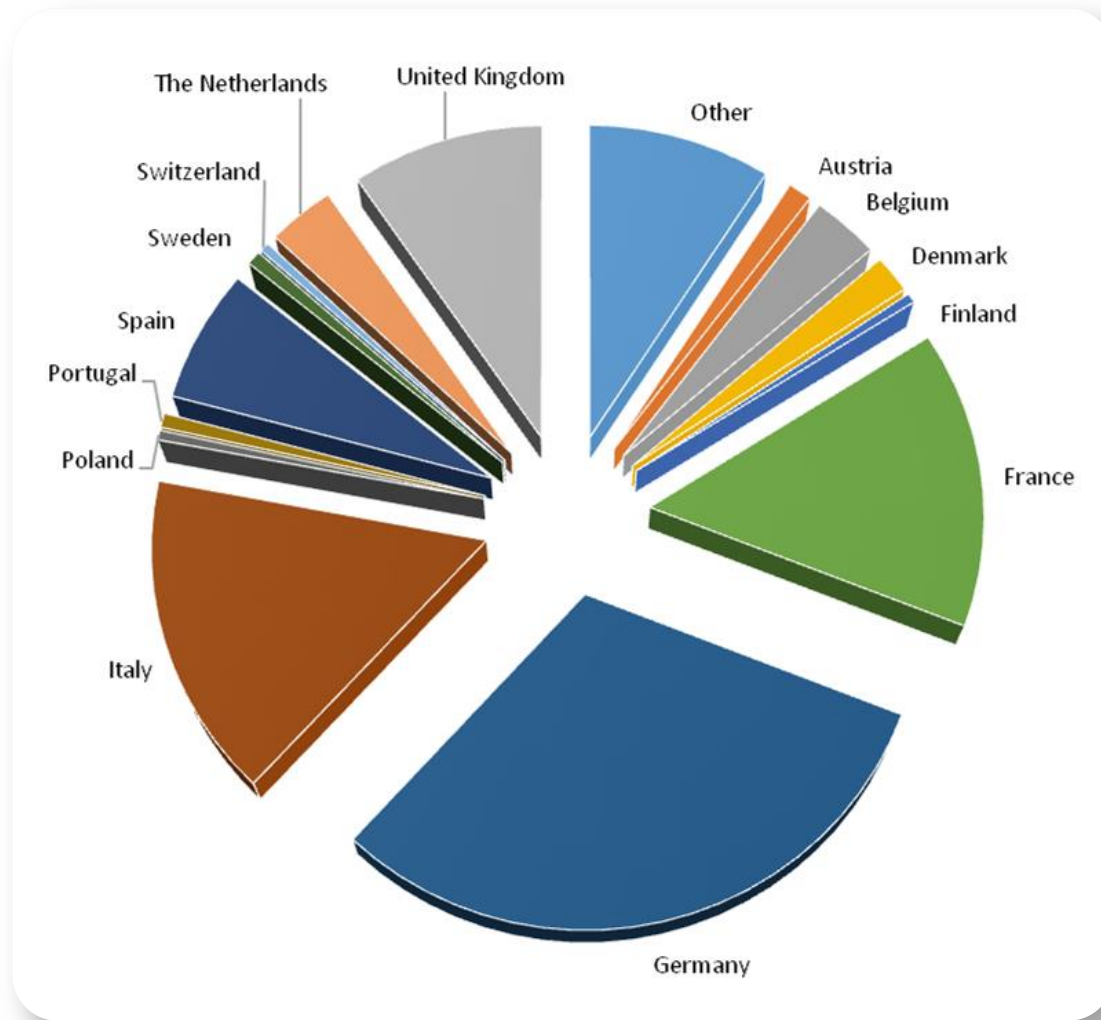


# People @ ESO

- ◆ *686 Employees*
  - ◆ *58% in Garching*
  - ◆ *42% in Chile*
- ◆ *40 Nationalities*

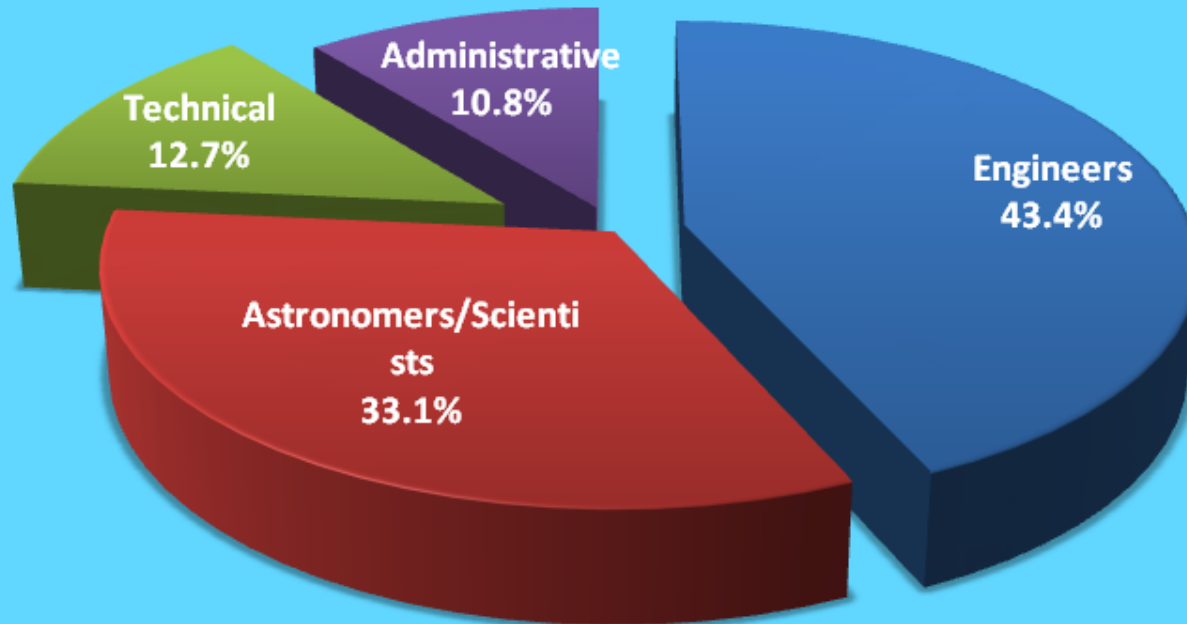


# Nationalities



# Staff skills distribution

Distribution of staff by Job Category





Thank you!



Questions?

