

# The Atacama Astronomical Park as a site for the «SGSO»

*presented by* Andreas Reisenegger

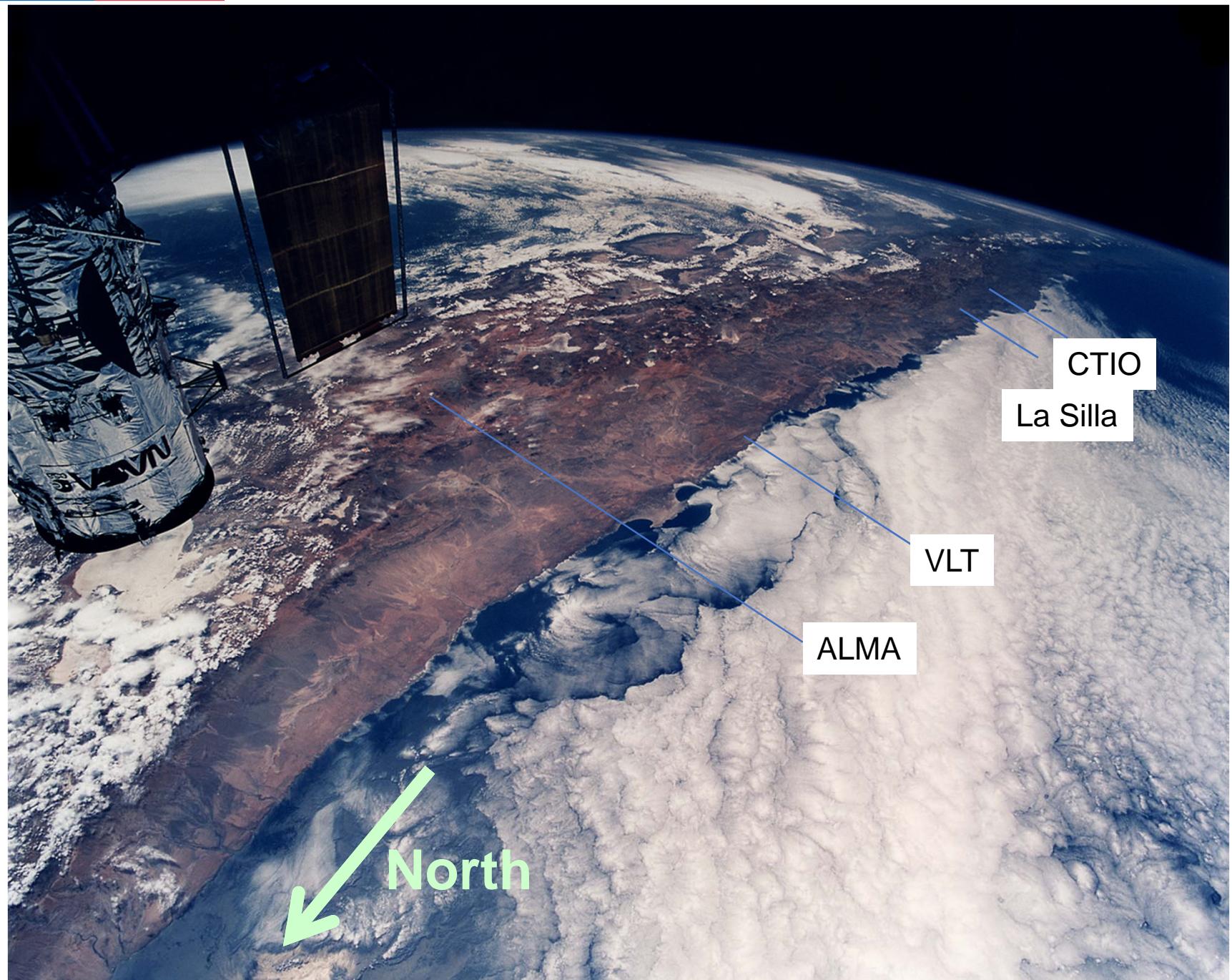
(Instituto de Astrofísica, Pontificia Universidad Católica de Chile)

*in representation of*

the Atacama Astronomical Park Foundation & CONICYT



**Acknowledgements:** Luis Chavarría, Alicia Norambuena



# Principales observatorios astronómicos de Chile

- Observatorio
- Población



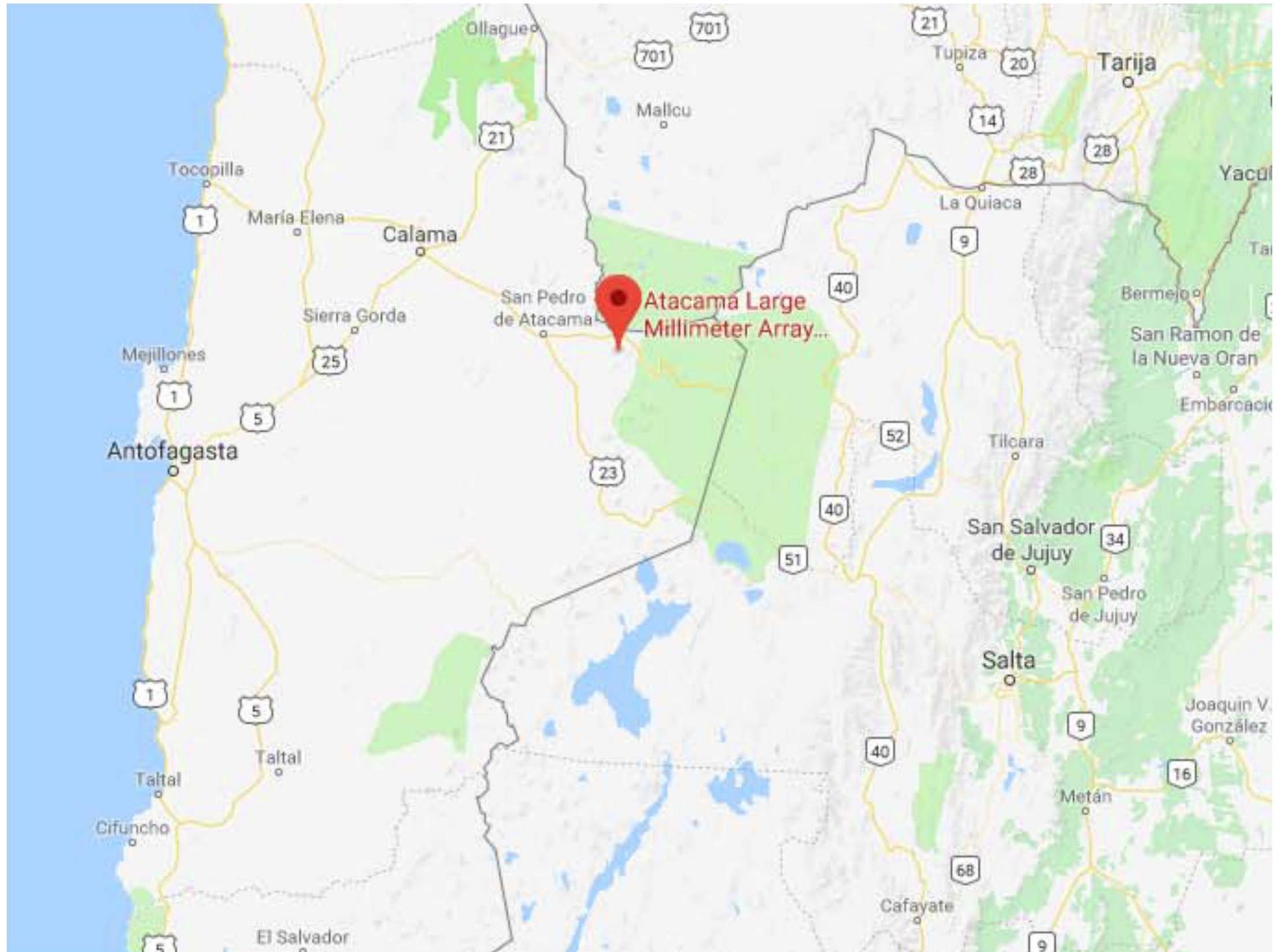


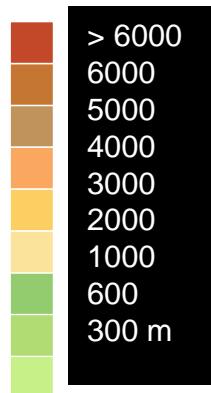
### Atacama Astronomical Park

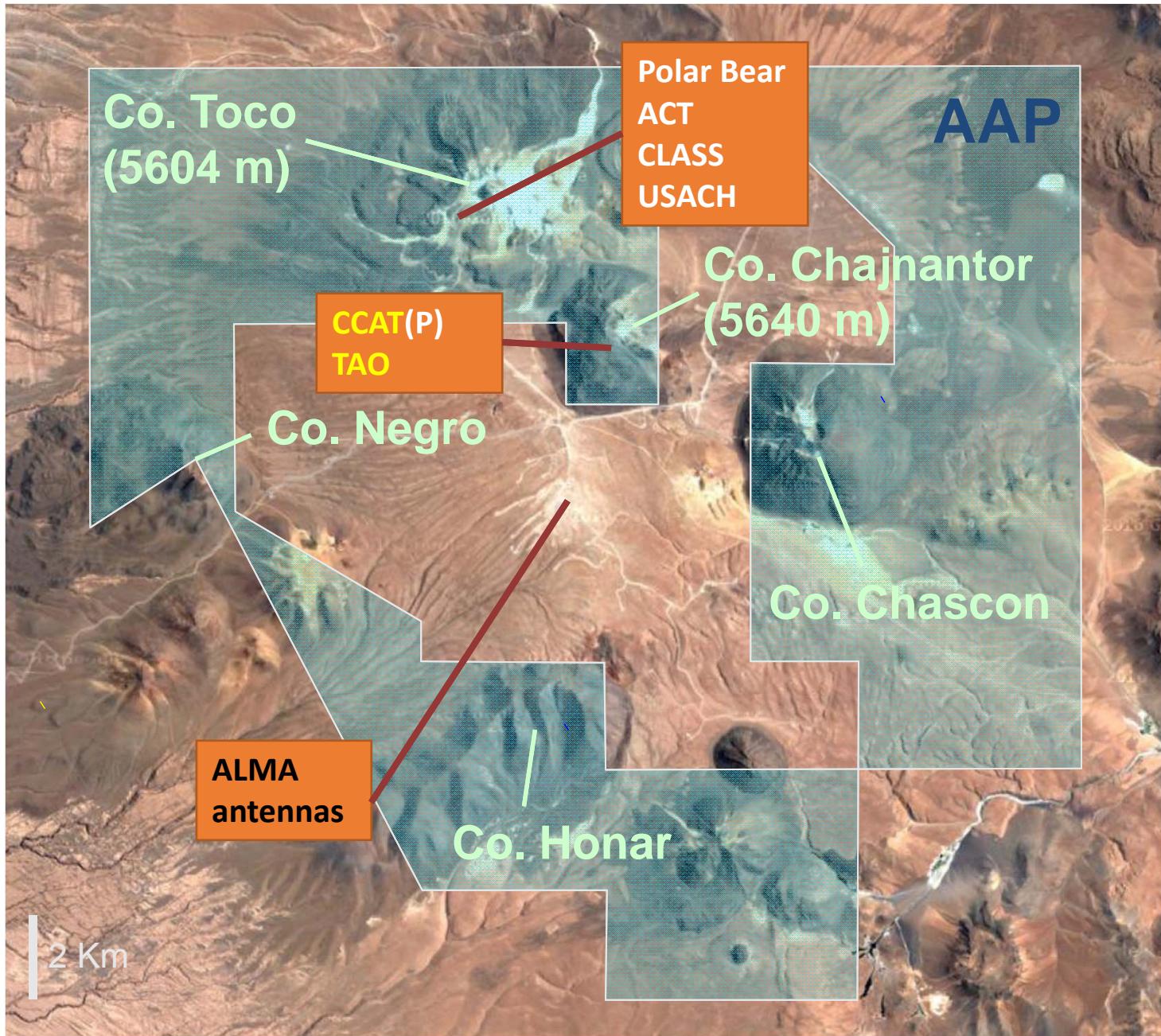
400,000 people, universities, port

Active commercial airport (Santiago, Lima)

ESO: VLT + E-ELT  
+ CTA-South







# ALMA (Atacama Large Millimeter Array) @ 5000 m





# Atacama Cosmology Telescope (ACT) @ Cerro Toco (5200 m) in the Atacama Astronomical Park





# Chronology

- Region protected from light pollution (1998), radio communication stations (2003), mining activities (2005).
- Concession to CONICYT for 50 years given in October 2013 (364 km<sup>2</sup> @ average altitude 5000 m).
- The Concession agreement states the park administration has to be done by a foundation.
- The Atacama Astronomical Park Foundation was activated in October 2016.



# Installation process

- The Foundation (7 Board members) manages tasks like: security, road maintenance, synergy between projects.
- The Park Regulation Document states a yearly contribution from each project of 0.3% of its investment. This fund is used to cover administration costs, promote science and help the local community.
- Projects are expected to give 10% of the observing time to competitive Chilean proposals (or equivalent arrangements) & negotiate collaboration agreements with universities in the Antofagasta Region.

