



## Collaborating to go forward

Red Universitaria Nacional (REUNA) provides a leading digital platform that articulates, connects, and fosters collaboration between entities from the fields of science, education and culture, connecting them to the rest of the world through innovative services.

With over 20 years' experience and currently made up of 37 institutions, its digital platform covers 12 regions between Arica and Puerto Montt and aspires to incorporate all regions of Chile. It is also connected to its international peers: in Latin America (RedCLARA), North America (Internet2 and Canarie), Europe (GÉANT), Asia (APAN), and Oceania (AARNET). Through this international connection, REUNA broadens collaboration possibilities of its members to over 14,000 institutions in Latin America and over 40,000 globally.

“We dream of being the leader of the national digital infrastructure for expanding frontier of the human knowledge on Science, Culture and Education.”

 REUNA Chile

 @Red\_REUNA

[WWW.REUNA.CL](http://WWW.REUNA.CL)

National Research and  
Education Network - Chile



# REUNA

Connecting Science and Education





## Profile

### 23 years of high growth and contribution to Chile's digital development:

- REUNA is the first NREN in Latin America and is one of the most advanced research networks in the region.
- REUNA connected Chile to the Internet and has been a driving force in the country's digital development.
- Connected to Internet2 since 2000
- REUNA encouraged the Latin-American network creation: RedCLARA.

### 37 Research and education institutions

- 20 Universities
- 5 Astronomical centers
- 11 Research, culture and education centers
- CONICYT

### 3 International collaboration agreements

## Members & Partners



#### Members

- Universidad de Tarapacá
- Universidad Arturo Prat
- Universidad Católica del Norte
- Universidad de Antofagasta
- Universidad de La Serena
- Observatorio AURA
- Universidad Técnica Federico Santa María
- Universidad de Valparaíso
- Universidad de Chile
- Pontificia Universidad Católica de Chile
- Universidad de Santiago de Chile
- Universidad Metropolitana de Ciencias de la Educación
- Universidad Tecnológica Metropolitana
- Comisión Nacional de Investigación Científica y Tecnológica CONICYT
- Universidad Andrés Bello
- Universidad de O'Higgins
- Universidad de Talca
- Universidad de Concepción
- Universidad del Bío-Bío
- Universidad de La Frontera
- Universidad Austral de Chile
- Universidad de Los Lagos
- Consejo de Rectores de las Universidades Chilenas (CRUCH)
- Consorcio de Universidades del Estado de Chile (CUECH)
- Red de Universidades Públicas no Estatales (Go)
- Fundación Ciencia para la Vida
- Instituto Nacional de Propiedad Industrial (INAPI)
- INRIA Chile
- Atacama Large Millimeter / sub-Millimeter Array (ALMA)
- Observatorio Europeo Austral (ESO)
- National Astronomical Observatory of Japan (NAOJ)
- National Radio Astronomy Observatory (NRAO)
- Red de Televisión de Universidades del Estado de Chile (UESTV)
- Museo Nacional de Historia Natural (MNHN)
- Consejo Nacional de Innovación para el Desarrollo (CNID)
- Corporación de Decanos de Facultades de Ingeniería de las Universidades Chilenas (Condefi)
- MacroFacultad Ingeniería 2030

#### International collaboration agreements:

- Cooperación Latinoamericana de Redes Avanzadas (CLARA)
- Internet2
- Asociación Redes de Interconexión Universitaria (ARIU)

## E-Infrastructure: Some drivers

### Astronomy Now in REUNA

75% of Astronomical Centers and 72% of the national astronomical research community are connected through REUNA.

### Early Future in Chile

Chile will concentrate 70% of the global telescope facilities.

### Research Labs

The national academic network is a key element for scientific work in different areas such as high performance computing, virtual observatories and medical informatics, among others.

