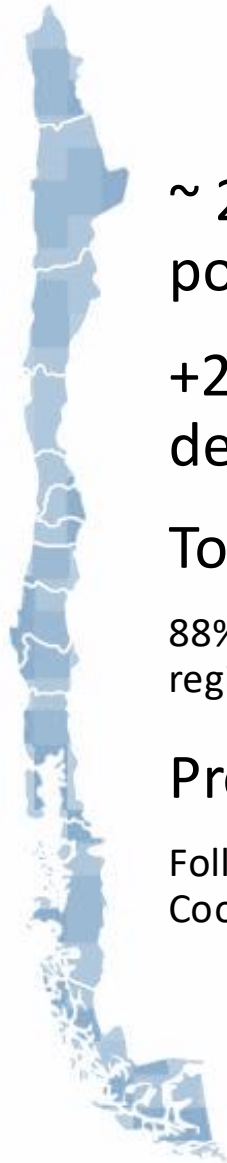


# Chile today and country's potential

**A champion in  
the transition  
to renewable  
energies**



~ 2 TW of renewable energy potential in Chile<sup>1</sup>

+23% expected increase energy demand by 2034<sup>2</sup>

Total population of 20 million<sup>3</sup>

88% of population in urban areas and 40% in metropolitan region

**Promoting of Hydrogen pilot projects:**

Follow-up of more than 15 pilot projects and International Cooperatio

**Net ZERO: the  
unavoidable  
journey for Chile**

80% Renewable generation by 2030

New vehicle sales to be only electric cars by 2035

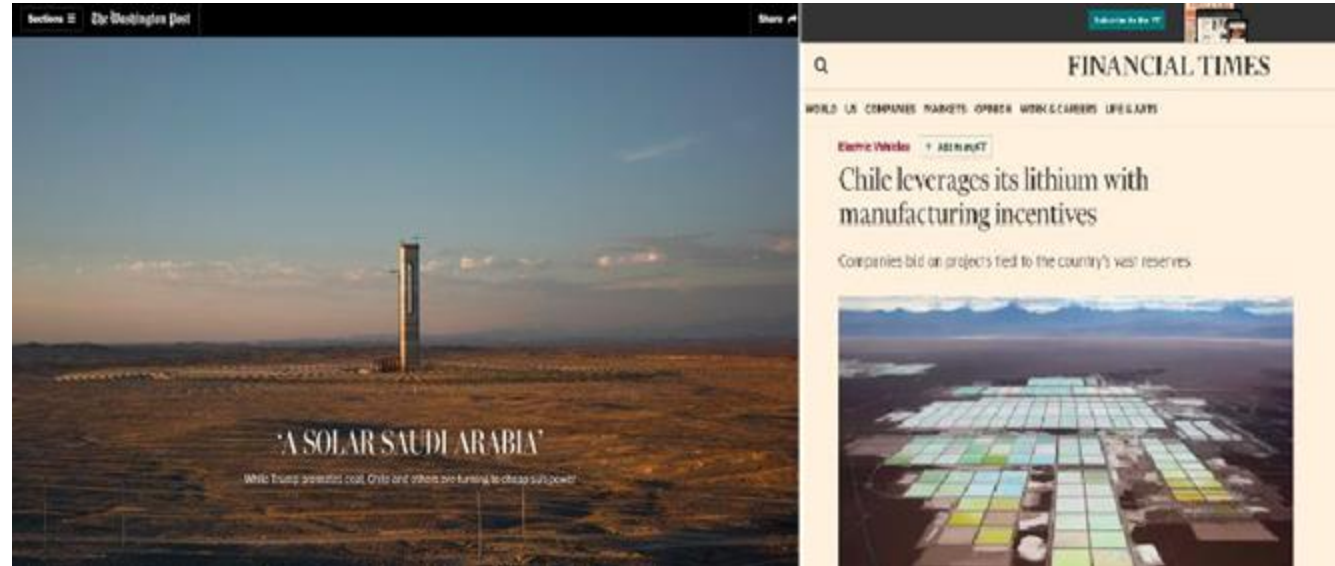
0% Coal Power plants by 2040  
(best effort 2030)

CO<sub>2</sub> neutrality by 2050

1. National Green Hydrogen Strategy, Novembre 2020.
2. National Energy Commission (CNE) PNCP Preliminar Technical Report, June 2023
3. National Statistics Institute, June 2023.

# Chilean context: The strategic Antofagasta region

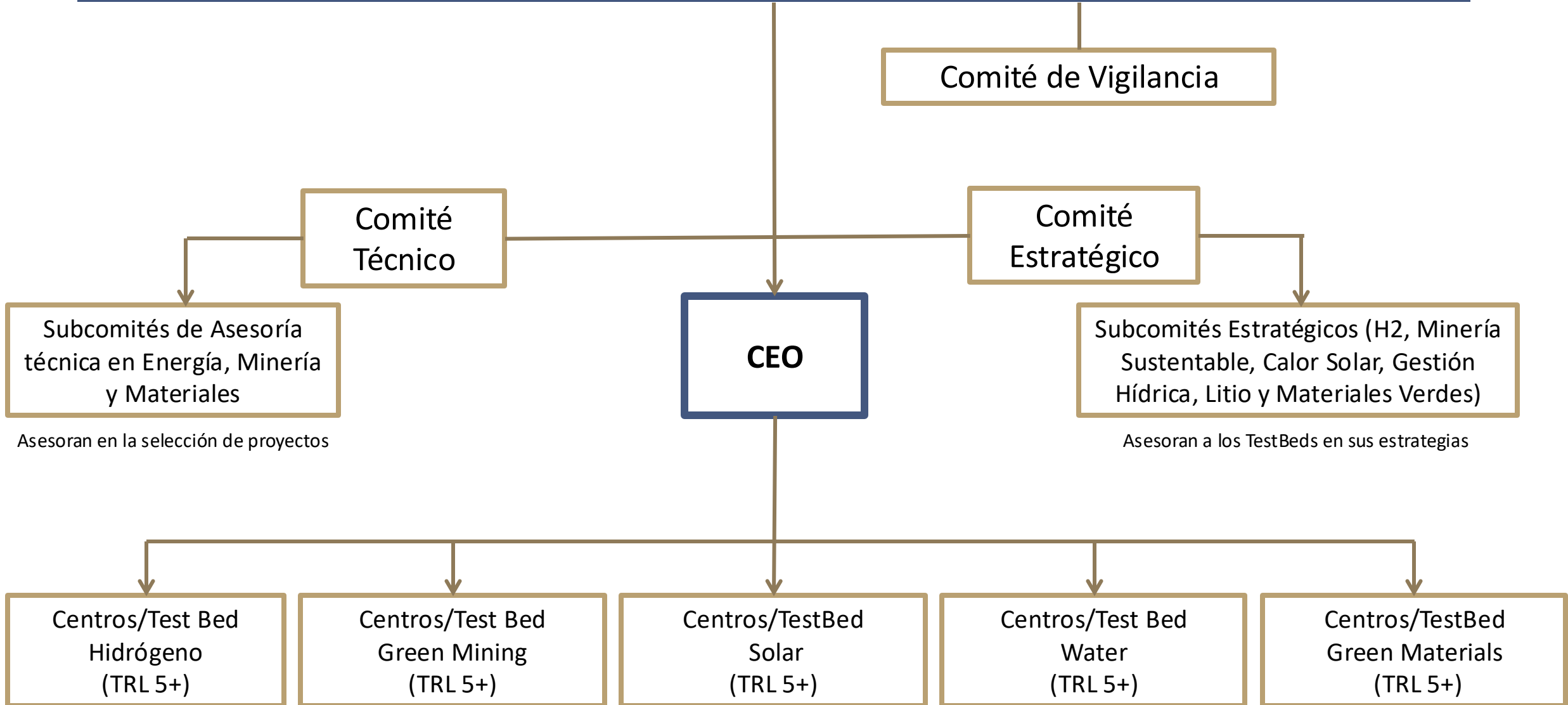
The Antofagasta Region is in the best position lead in development and deployment of Clean technologies



Expect more Cleantech / Climate-tech procurement in the mining industry

CONFIDENTIAL

# BOARD



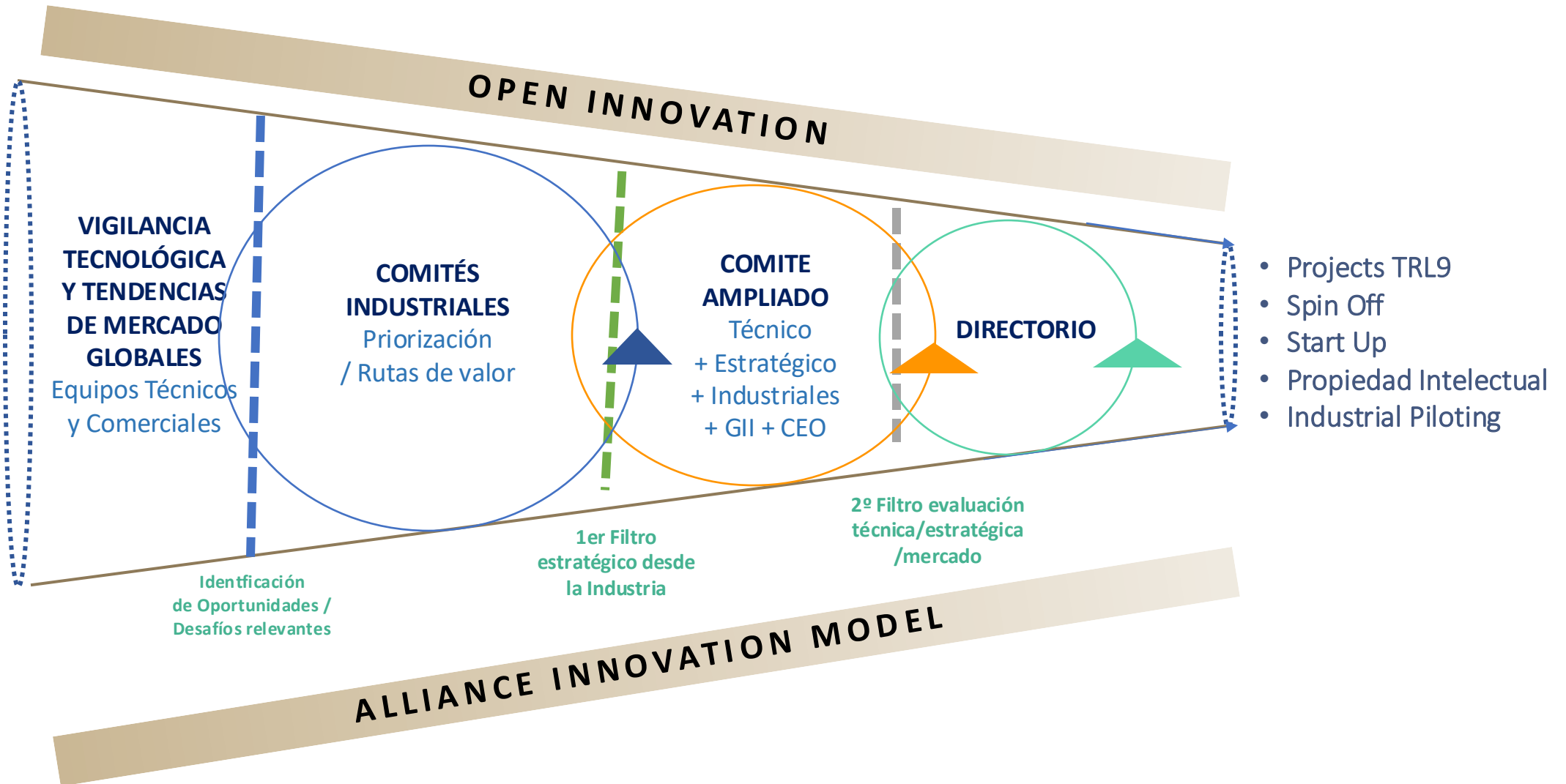
# GOVERNANCE & VALUE PROPOSITION TO COSIN SOLAR

Designación **estamental** del Directorio desde la Asamblea de Socios:



**We welcome Cosin Solar to become board member of the Institute of Clean Technologies (ITL) subject to a contribution of US\$4,6 mil to develop Atacama Oasis Project. ITL will match that funding with US\$4,6 mil to develop Atacama Oasis Project**

# Process to select projects





# COSIN SOLAR: PROJECT



Electricity



Hydrogen



Water



Ammonia



Mirrors & PV



Synfuels



Fish Farming



Agriculture

## Atacama Oasis

Cooperation between the University of Chile, MIT and CosinSolar, supported by other global universities and industrial partners.





# SENSORING, REMOTE CONTROL & ZERO EMISSIONS MINES



Project Trolley



Disminución y control de Polvo



Perforadoras autónomas



Equipos teleoperados



Robotización Mto Molino SAG

**Leyenda**

-  Nuevas formas de operar
-  Nuevas formas de Desarrollar Minería



Relaves filtrados



Programa Tranque



Gestión Integrada de Operaciones

Habilitador: Proyectos Data y Analítica 