



EGNRET 61

# New and Renewable Energy Development in the APEC Region

## Chile

January 2025

# Energy Transition Second Half Agenda - progress

## Storage promotion

- ✓ **Coordination and operation regulation** under development. Participatory working table with the industry
- ✓ **National plan to promote energy storage projects on fiscal land**
  - Six geographical macro-zones established in the north of the country
  - Technical analysis of the Fiscal Land Storage Plan:
    - 1.6 GW of installed capacity would be concessioned
    - 1.1 GW are of high duration, between 6 and 12 hours (~70%)
    - Of the 13.2 GWh of maximum energy capacity available for the call, we are concessioning 11.6 GWh (88%)
    - USD 2348 MM of investment, projects for June 2027
- ✓ **New 'Criteria for assessment in the Environmental Impact Evaluation System (SEIA)': introduction to energy storage projects'**, issued on December 12<sup>th</sup>, 2023, which determines that energy storage systems **do not correspond** to the typology of an electricity generating plant
- ✓ Modification to the **power transfer regulation** (DS 70/2023) was published on June 5<sup>th</sup>, 2024



## Decarbonisation plan

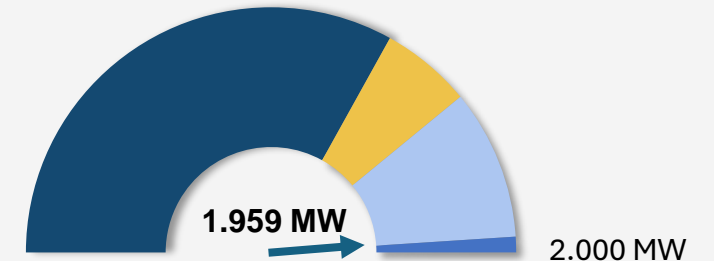
- ✓ Develop a roadmap for **decarbonisation by 2030** that defines enabling technical and socioenvironmental conditions for an accelerated decarbonization, aligning with medium to long-term carbon neutrality goals
- ✓ Coordinated work between Industry, Public Institutions, Academy, Consultants and Experts, Civil Society and NGOs

Modernization of the grid, Market, and Infrastructure

Retrofitting Alternatives and Transition Fuels

Just Transition and Communities

- Declared
- Testing
- Operating



# Collaborating for Just Transition

## LARGEST SOLAR PV PARK IN CHILE



- ✓ Located in Maria Elena, the CEME1 plant has an installed capacity of 480 MW and 882 thousand fixed structure panels. 80% less use of water
- ✓ Owned by Generadora Metropolitana (EDF)

## THERMAL COMPLEX RETROFIT IN TOCOPILLA



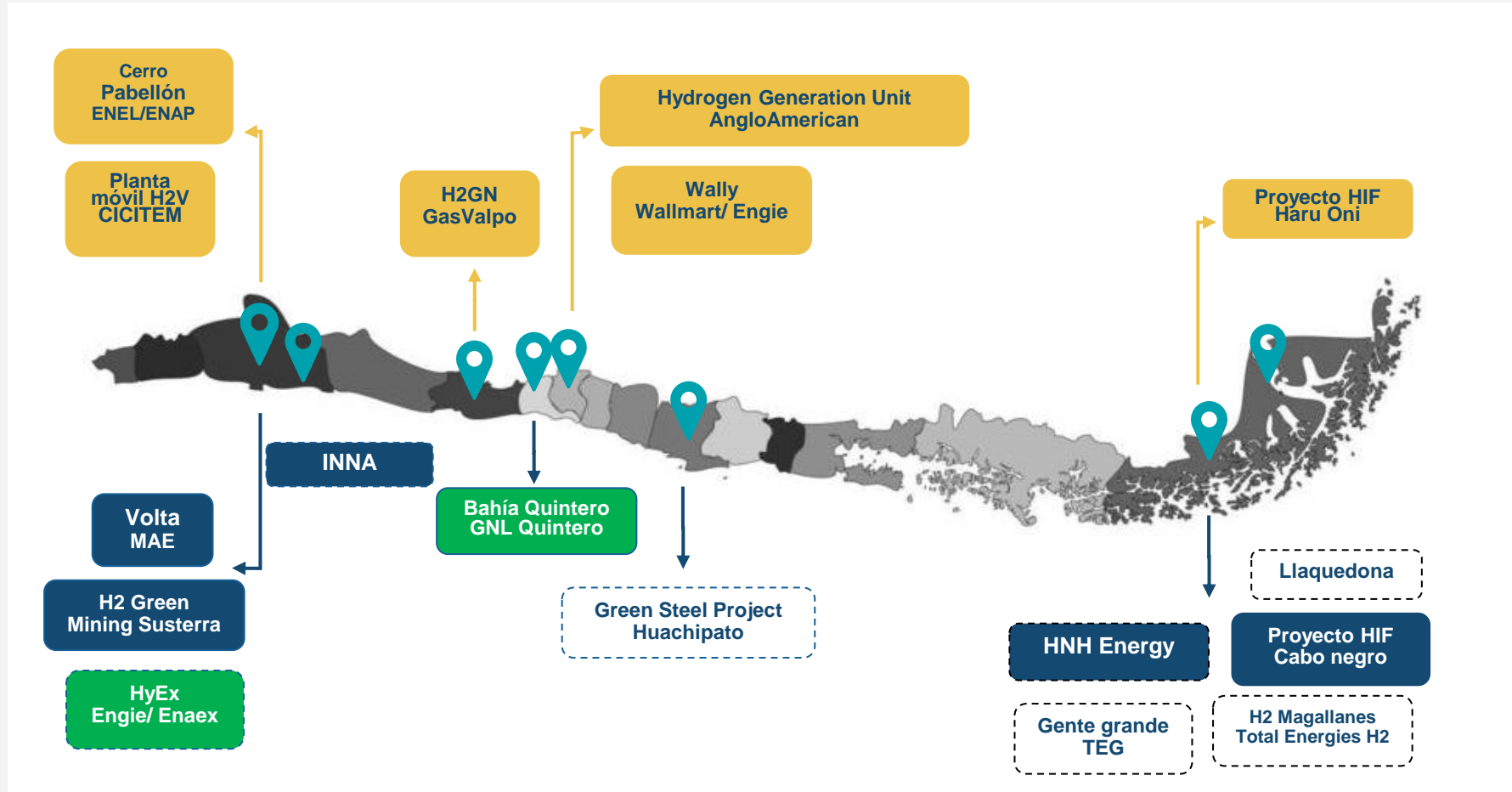
- ✓ BESS Tocopilla – 660 MWh storage system, with an installed capacity of 116 MW
- ✓ Synchronous condensers tender awarded to provide complementary services. To begin operation in 2027

## GREEN H2 INDUSTRIAL COMPLEX IN MAGALLANES



- ✓ Private-public agreement to transform maritime terminal Gregorio into the largest green hydrogen industrial complex in the region. With participation of Total Eren and EDF.
- ✓ Estimated investment of US\$700 and US\$900

# GH2 Projects



ENAP – first production of Low-Carbon Fuels

6  
operation

5  
Under Environmental Assessment

3  
Approved Environmental Assessment

\* 68 projects announced at Pre-Feasibility / Feasibility stage





**Ministerio de  
Energía**

**Gobierno de Chile**

