

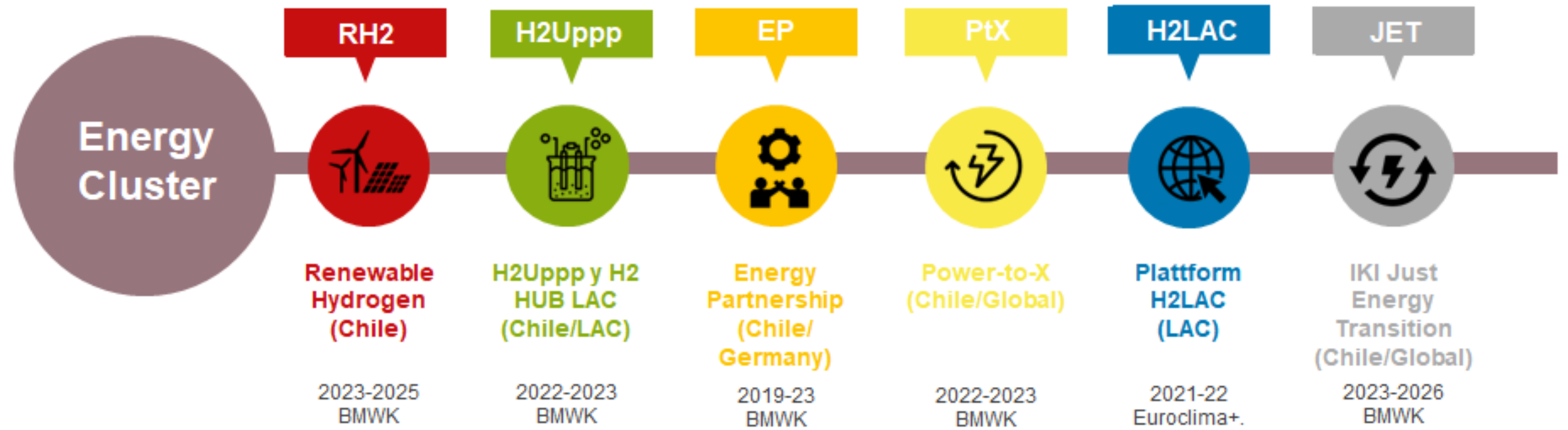
EHEC 2024 Chilean side event:
Proper framework to materialize the development of
renewable and sustainable hydrogen in Chile.

Team Europe

Renewable Hydrogen

Development Chile





Supported by:

Renewable Hydrogen (RH2) in Chile is an EU (European Union)-German Joint Action supporting the development of RH2 in Chile: European Union and the Federal Ministry for Economic Affairs and Climate Action (BMWK)

Implemented by:

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Team Europe Renewable Hydrogen Development Chile (RH2)

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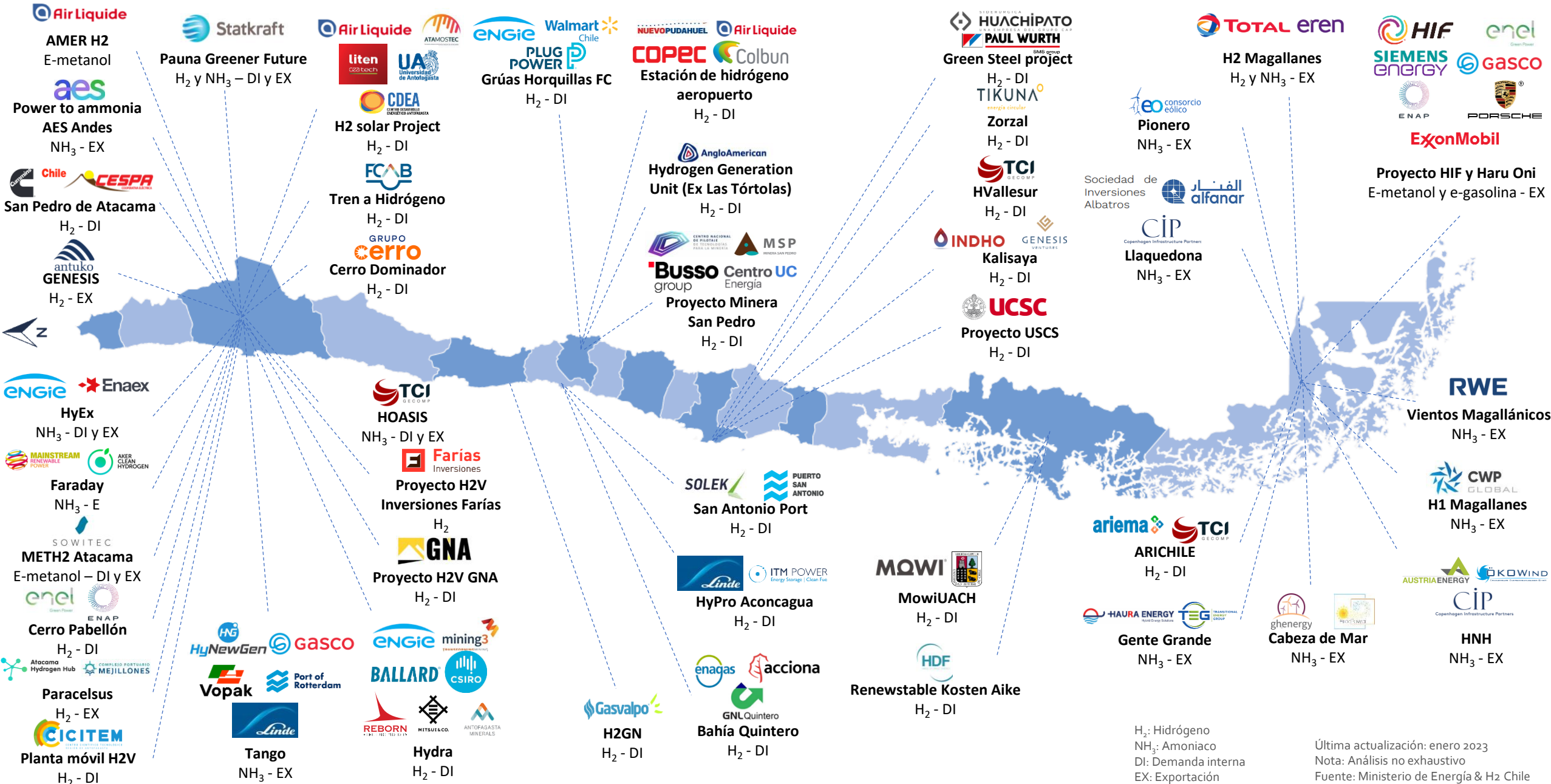
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RH2

Hydrogen Projects - RH2



H₂: Hidrógeno
 NH₃: Amoníaco
 DI: Demanda interna
 EX: Exportación

Última actualización: enero 2023
 Nota: Análisis no exhaustivo
 Fuente: Ministerio de Energía & H₂ Chile

NATIONAL GREEN HYDROGEN STRATEGY

Chile, a clean energy provider for a carbon neutral planet



Policy

Mission-oriented policy

The State shall be a facilitator, coordinator, and promoter of the mission to establish a new industry through multisectoral efforts.



Land

Balanced use of resources and land

Green hydrogen industrial development shall be coherent with its socioenvironmental context, incorporating best practices and dialogue



Economy

New economy based on clean exports

Green hydrogen clears the way for a new Chilean export economy based on clean energy carriers and products of low carbon footprint.



Net Zero

Efficient pathway to a netzero country

Our country is committed to a transition towards a net-zero economy, in which green hydrogen will play a fundamental role.



Green

Green hydrogen as a catalyst for local

The industry and projects created around this clean fuel will generate local hubs for investment, innovation, and economic activity.



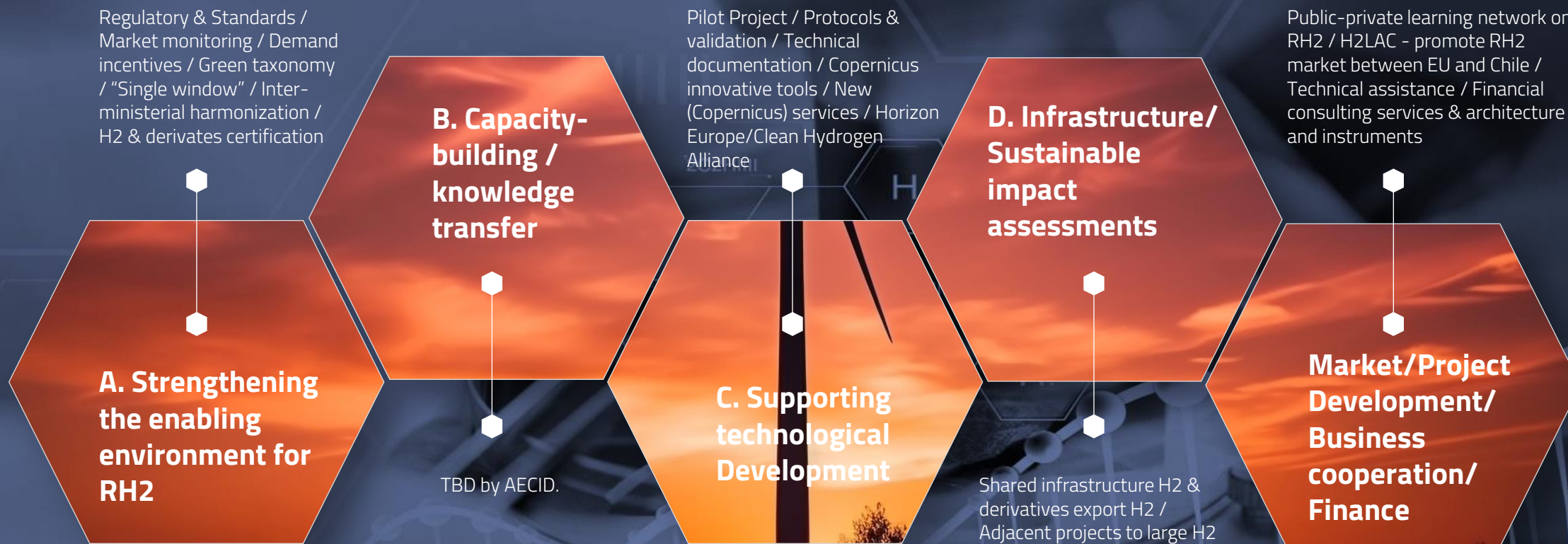
World

Openness to the world

Only through international collaboration will the global green hydrogen economy be developed at the speed that climate action requires.

OBJECTIVE:

Strengthening and stimulating the renewable and sustainable hydrogen economy contributes to achieving the 2050 climate neutrality goals of both the EU and Chile



OUTCOME:

Enabling requirements for building a renewable and sustainable hydrogen economy in Chile focused both on satisfying domestic demand and export have improved.

A. Environment for RH2



Indicator I.1: Concrete measures to boost the regulatory framework for sustainable H2 and its derivatives.

Indicator I.2: Regulators implement a certification scheme or mechanism for sustainable RH2 production.

C. Technological Development



Indicator III.1: One (1) pilot project on local RH2 usage is selected and in advanced stage.

Indicator III.2: Two (2) innovative tools for geospatial analysis for RH2 projects are developed.



D. Infrastructure/Sustainability

Indicator IV.1: Infrastructure investment needs to enable multi project RH2 hubs.

Indicator IV.2: Methodology to carry out Sustainable impact assessments (social & environmental).



E. Market & Finance

Indicator V.1: Public-private learning network on RH2 established

Indicator V.2: EU-Chilean cooperation of private and public actors is strengthened (with regional (LAC) outreach set up and running).

Indicator V.3: Studies for closing RH2 and derivatives technical gaps developed

Indicator V.4: Financial consulting services delivered to RH2 projects.

Topics to follow to strengthen the achievement of objectives

Rules and regulations

Support the implementation of the Ministry of Energy (MEN) regulatory plan, providing advice to complement the work of the Ministry Team.

Permits "Bottlenecks"

Intensify work with institutions identified as crucial by the MEN; to reduce processing times by developers. Coordinated work with MEN and MINECON.

Large Industrial Hubs & Integrated Business model

Design of export and import industrial parks, as well as adjacent industrial parks (Synergy between companies) to reduce impacts. High coordination with the Ministry action plan and regional roadmaps.

Social & environmental Impacts

Intensify and support work with the SEA and the Ministry of Environmental, as well as regional public services, involved in environmental assessments, pushing the digitalization of the service, and increasing knowledge of technology and its impacts.

Financial Services

Financial services for H2 projects and a project pre-evaluation platform are developed. Close coordination with CORFO and Facility (financial component TEI).

Women in Hydrogen Development

Enforced emphasis on the transversal importance of Women in Hydrogen and the necessary contribution to the success of the hydrogen development.

Highlights

2023 Apr May Jun Jul Aug Sep Oct 2024 Nov Dic Jan Feb Mar Apr



Thank you for your attention

Team Europe
**Renewable
Hydrogen**
Development Chile

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