

ACUARIO PROJECT

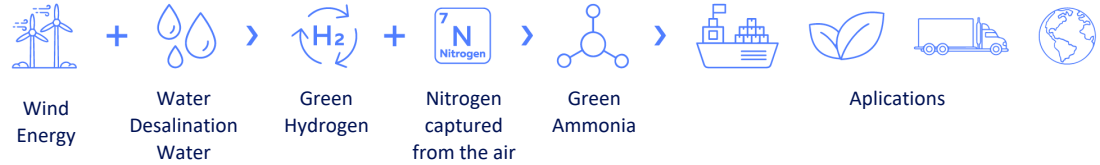
Contact details

Grani Martic Lausic
Sustainability and Public Affairs Manager
gmartic@caustral.com



HYDROGEN PROJECT SHEET

Located in the southernmost region of Chile, the Acuario Project seeks to take advantage of the region's favorable conditions for the development of wind energy projects, with a high capacity factor and a geography that allows for the effective design of large-scale wind power plants.



PRODUCTION

Wind energy is used to break down the water obtained from seawater desalination through an electrolysis process to obtain green hydrogen. Most of the hydrogen will then be combined with nitrogen captured from the air to produce green ammonia. The goal of the Acuario Project is to produce green ammonia with high environmental standards for export with a competitive pricing.

PROJECT OWNER

Consortio Austral is a Chilean developer of projects to produce green hydrogen. It was born under the leadership of Consorcio Eólico, the main developer of wind projects in the south of Chile, which has developed more than 430 MW of wind energy, which are currently under construction or operation, with more than 9,500 MW in feasibility evaluation or currently under development, and with more than 120 collaborators with wide knowledge and experience.

STATUS

Environmental assessment and feasibility study currently under development.

**UP TO 5 BILLIONS DOLLARS
TOTAL INVESTMENT START
OF CONSTRUCTION IN 2029**

OFFTAKE

The ammonia will be exported for use in fertilizers, mining products, as well as fuel and other ammonia-based processes in the chemical and petrochemical industry. Alternatively, the ammonia could be sold for use as a vehicle for long-distance green hydrogen transportation.

PROJECTED CAPACITY

2,500 MEGAWATT

Wind energy installed capacity

240,000 H2

Tons of green hydrogen for ammonia production per year

1,000,000 NH3

Tons of green ammonia per year

