

# 2024 Transatlantic Natural Hydrogen Development Package

Team 04

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## I. Background

As climate change continues to threaten global stability, the exploration and development of natural hydrogen as a renewable energy resource is crucial in reducing CO2 emissions. Unlike conventional fuels, white hydrogen is naturally found and replenished in the Earth's crust, making it an attractive alternative to reduce greenhouse gas emissions.

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## II. The current state of collaboration

The European Union has developed the EU-LAC Global Gateway Investment Agenda, aiming to increase collaboration between countries. Projects are planned to achieve this, such as the GH2 in Chile promoting investment opportunities (5). In the United States, the idea of using hydrogen as an energy source is just starting to be implemented. In 2023, the Biden-Harris Administration announced that it would be providing \$7 billion to 7 different regional clean hydrogen hubs to accelerate the domestic market for clean hydrogen (10).

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## III. Policy Proposal Objectives:

This proposal aims to create a framework between the European Union, the United States of America, and Latin America and the Caribbean (LAC): to promote the expansion of research, development, and integration of natural hydrogen into E.U., U.S., and LAC energy networks. This will be accomplished through a shared agreement to provide information, funding, and technology to sustainability power all three world regions. This proposal would be implemented by 2050 in accordance with E.U. and U.S. climate neutrality goals.

## IV. 2024 Natural Hydrogen Development Package:

- 1) Introduce a program funded by the European Union and the United States to develop methods to more effectively discover natural hydrogen reserves through a task force.
- 2) Provide funding to promote a comprehensive outline geared to develop and share technology required to extract hydrogen.
- 3) Develop an agreement to implement natural hydrogen into large-scale energy networks allowing for local application and exchange between the E.U., U.S., and L.A.C.