



International Partnership
for Hydrogen and Fuel Cells
in the Economy

Costa Rica Update

44th IPHE Steering Committee Meeting

24 – 25 November 2025

Riyadh, Kingdom of Saudi Arabia

Announcements / New Initiatives - Costa Rica



- **Investments/Funding/Policies/Initiatives**

- Updated country NDC presented at COP30. H2's role in decarbonizing cargo transportation and heavy industry is mentioned.
- Mitigation Action Facility (MAF) - sponsored GH2 funding program to be publicly announced on Nov 27 during “Costa Rica Hydrogen Week 2025”.

- **New Research & Development, Demonstration and/or Deployment Activities**

- Ad Astra Rocket Company working on upgraded generation and compression module for the Costa Rica Hydrogen Ecosystem pilot plant.

- **Key Collaborations**

- N/A

Examples of Lessons Learned and Impact - Costa Rica



Program initiative, policy, regulation or mandate	Lessons Learned/Outcomes
Preferential electricity rate for green hydrogen production, tied to the lowest rate tier of the country's dominant state-owned electricity company.	<ul style="list-style-type: none">Preferential rate is subject to increments/decrements of the company's rate portfolio, potentially impacting GH2 projects and their financial viability.
Costa Rica Hydrogen School	<ul style="list-style-type: none">Group 5 of the Hydrogen School will complete training in December 2025, totaling the first 10 students graduated from the program.



Costa Rica - Profile November 2025



Status of Deployments

- Existing Green Hydrogen Ecosystem continues nominal operation after 12 years of producing GH2 and 7 years of refuelling vehicles.

Leading Government Initiatives

- Updated NDCs presented at COP30, highlighting roles of GH2 in decarbonizing national economy.
- MAF-sponsored GH2 Decarbonization Program publicly announced (Nov 2025).

Deployment Goals

- ~2 buses and ~5 trucks, plus associated hydrogen refueling station (HRS), in private ProNova project (Q3 2027).

Goals or Focus Areas

- Technical workforce development through the Costa Rica Hydrogen School.
- Small-scale pilot projects in transportation, industry.

Funding

- Additional (2025) \$175k donated to original (2023) \$300k Hydrogen School project.
- EUR 25 million approved (2024) for MAF GH2 program.
- \$10 million for ProNova Energy's 1 MW project (2027).
 - \$3.2M in private equity
 - \$2.65M in debt
 - \$4.8M in MAF grants

Thank you



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