



International Partnership
for Hydrogen and Fuel Cells
in the Economy

Costa Rica Update

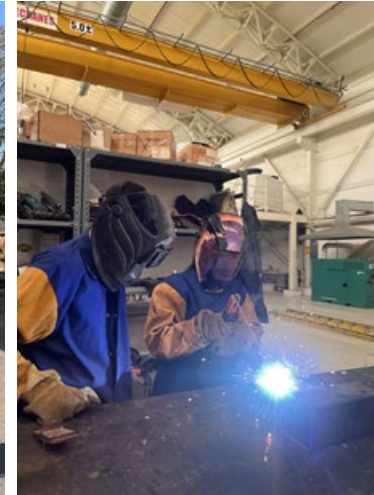
43rd IPHE Steering Committee Meeting

10-11 June 2025

Santiago, Chile

Announcements / New Initiatives - Costa Rica

- The refurbishing, registration and embellishment of the fleet of 13 donated fuel-cell by AC Transit (Oakland, CA, USA) to the NGO Strategy for the XXI Century (Costa Rica) is underway.
- The privately-funded Pronova Energy's 1 MW heavy-duty hydrogen transportation pilot project has successfully concluded its design phase.



Examples of Lessons Learned and Impact *Costa Rica*

Program initiative, policy, regulation or mandate	Lessons Learned/Outcomes
Costa Rica Hydrogen School	<ul style="list-style-type: none"> • Successful completion of group 4 of the Costa Rica Hydrogen School. • Hands-on training of hydrogen technicians is an effective method for the creation of a skilled workforce.
Implementation of projects involving second-hand vehicles and equipment	<ul style="list-style-type: none"> • Used equipment and vehicles require constant maintenance even in non-hydrogen-related components. • Long non-operational periods affect equipment and increase the likelihood of requiring frequent maintenance.



Costa Rica – Profile June 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

- National GH2 Strategy 2022-2030.
- Electricity rate for GH2.

Goals or Focus Areas

- Training of technical workforce through the Costa Rica Hydrogen School.
- Deployment of modular, small-to medium-scale hydrogen transportation demonstration projects in next 2 years.

Deployment Goals

- ~5 buses and ~5 trucks, plus associated hydrogen refueling station (HRS), in private ProNova project (Q4 2026).
- ~10 trucks in Mitigation Action Facility (MAF) - funded pilot project (2027).

Funding

- Additional (2025) \$175k donated to original (2023) \$300k Hydrogen School project.
- \$600k (2023) for transportation of buses.
- \$6 million (2025) for ProNova Energy's 1 MW project.
- EUR 25 million approved (2024) for MAF GH2 program.



Thank you



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