



IPHE Country Update Nov 2025 – May 2026: Brazil

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1. New Initiatives, Programs, and Policies on Hydrogen and Fuel Cells

- **Veto of Paragraph 8 of article 16-B of Law No. 9,074/1995, included by the Conversion Bill of Provisional Measure No. 1,304/2025 (Conversion Bill 10/2025), was recorded in Veto No. 42/2025 of the National Congress.**

Partial veto affixed to Conversion Bill No. 10, of 2025 (originating from Provisional Measure No. 1,304, of 2025). Veto No. 42/2025: New self-production arrangements, including those by equivalence, may only be implemented with generation projects whose commercial operation begins after the date of publication of this provision, except for power plants that are already part of self-production structures, including those by equivalence.

The original text of Paragraph 8 imposed severe restrictions on energy self-generation, requiring that new self-generation arrangements would only be valid if linked to new generation projects (known as “additionality”). Hydrogen projects are in their initial phase and depend on renewable, competitive, and available energy. Mandatory additionality would result in:

1. Delay in the start of operations
2. Significant increase in costs
3. Loss of international competitiveness

In practice: it would make the first hydrogen projects in Brazil unfeasible.

Ref. <https://www.congressonacional.leg.br/materias/vetos/-/veto/detalhe/17809>

- **MDIC/GM Ordinance No. 68 of March 20, 2026**

Within the scope of the Green Mobility and Innovation Program (*MOVER* Program, acronym in Portuguese), enacted by Law No. 14,902/2024, establishes the incentive regime for research, development, and technological production, consolidating economic and industrial instruments directly relevant to hydrogen technologies in the vehicles' sector. Three main contributions stand out:

1. Explicit inclusion of hydrogen as a strategic technology formally recognizing fuel cells, hydrogen engines, and associated infrastructure as "strategic systems and solutions" for mobility. Enabling these technologies to directly access the program's incentives, placing hydrogen at the core (and not on the periphery) of vehicles industrial policy.

2. Robust structure of incentives for innovation and local production whose central instrument is the granting of financial credits linked to R&D expenditures, particularly:



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- a) additional incentives for the production of advanced and sustainable propulsion technologies;
- b) requirement of increasing minimum expenditures on R&D;
- c) Incentives for local content and technological capacity building.

This design favors the domestic development of hydrogen value chains.

3. Economic differentiation based on technological intensity and productive maturity. Ordinance No 68/2026 introduces mechanisms such as the Advanced Propulsion Technologies Index, in which hydrogen-based solutions receive the highest relative weights. Furthermore, the incentive increases according to the level of productive maturity in the country.

Ref. <https://www.legisweb.com.br/legislacao/?id=492818>

- **Decree No. 12.768 of 12/05/2025**

This decree establishes the Permanent Technical Advisory Committee of the Brazilian Greenhouse Gas Emissions Trading System (*SBCE*, acronym in Portuguese), the part within the SBCE that supports the implementation, improvement, and technical rules of the regulated carbon market, including criteria for emission reduction methodologies (*CRVE*, acronym in Portuguese).

Ref. https://www.planalto.gov.br/ccivil_03/_ato2023-2026/2025/decreto/d12768.htm

- **Decree No. 24.443 of 03/25/2026**

This decree regulates Law No. 14.889/2025, which establishes the Energy Transition Policy of the State of Bahia. The document incorporates hydrogen both as an energy input and as a raw material for synthetic fuels (e-fuels), highlighting its integration into sustainable production chains and its role in diversifying the energy matrix.

Ref. <https://www.legisweb.com.br/legislacao/?id=493189>

- **Public Consultations:**

- The Ministry of Mines and Energy and the National Secretariat for Energy Transition and Planning launched the Public Consultation n° 214 of 02/12/2026 regarding the draft of the Ten-Year Energy Expansion Plan 2035
- The Ministry of Mines and Energy and the National Secretariat for Energy Transition and Planning launched the Public Consultation n° 215 of 02/12/2026 public consultation regarding the draft of the Brazil's National Energy Plan 2055



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- The Ministry of Mines and Energy launched the Public Consultation n° 217 of 03/02/2026 regarding the Guidelines for Access Seasons under the National Policy for Transmission System Access
- The Ministry of Mines and Energy and the National Secretariat for Energy Transition and Planning launched the Public Consultation n° 222 of 04/29/2026 regarding the draft of the Brazil's National Energy Transition Plan

Ref. <https://consultas-publicas.mme.gov.br/home>

- Public Consultation n° 214 of 02/12/2026: blob:<https://consultas-publicas.mme.gov.br/fe9ae2f7-35d2-4929-80ae-0943673c7401>
- Public Consultation n° 215 of 02/12/2026: blob:<https://consultas-publicas.mme.gov.br/4e38b9de-2e5d-4696-b54e-0343097e3cbc>
- Public Consultation n° 217 of 03/02/2026: blob:<https://consultas-publicas.mme.gov.br/1241991b-e862-43c9-a33d-7e42fc17bf74>
- Public Consultation n° 222 of 04/29/2026: blob:<https://consultas-publicas.mme.gov.br/92ed6dc3-7d1f-4b74-8ab3-5cae7848e0f4>

- **The National Energy Policy Council approved the Resolution n° 21 of 23/12/2025**

It defines the mandatory annual targets for reducing greenhouse gas emissions from fuels trade. It defines a reduction from 69,96 gCO₂/MJ in 2026 to 64,70 gCO₂/MJ in 2035. This represents a carbon intensity reduction of 11,80% (based on 2018).

Ref. <https://www.gov.br/mme/pt-br/assuntos/conselhos-e-comites/cnpe/resolucoes-do-cnpe/2025>

- **Energy Policy Review – Brazil 2025**

This Energy Policy Analysis was prepared in partnership between the Government of Brazil and the IEA. It draws on the IEA's extensive knowledge and contributions from experts in member countries to assess the most pressing challenges facing the Brazilian energy sector and to present recommendations on how to address them, supported by international best practices. The report also highlights areas where Brazil's leadership can serve as an example in promoting safe and clean energy transitions. It also includes an exclusive section on hydrogen inside the "Fuels" chapter.

Ref. <https://www.iea.org/reports/brazil-2025>



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2. Hydrogen and Fuel Cell R&D Update

- **Update data from the Inova-e platform**

Financing the energy transition and innovation was the topic of an event held by the Energy Research Office, on 03/16/2026, at its headquarters in Rio de Janeiro. The program included the launch of a groundbreaking database on financing geared towards the energy transition in Brazil — InvesTE — and the presentation of updated data from the *Inova-e* platform, which maps investments in innovation and research in energy in Brazil, as well as roundtables with actors and promoters in the sector.

Ref. <https://www.epe.gov.br/pt/imprensa/noticias/epe-apresenta-dados-e-promove-debate-sobre-financiamento-da-transicao-e-inovacao-energetica>

3. Demonstration, Deployments, and Workforce Developments Update

- **Neoenergia announces a new Low-Emissions Hydrogen Refuelling Station**

The project was entirely funded by the Research, Development and Innovation Program of the National Electric Energy Agency (ANEEL). The terminal in Taguatinga (Federal District) is powered by its own photovoltaic plant.

The project's first partner is Honda, which will use plug-in hybrid vehicles powered by fuel cells in Brazil for six months of feasibility testing in the production and use of low-emissions hydrogen.

Ref. https://www.estadao.com.br/economia/neoenergia-anuncia-1-posto-de-hidrogenio-verde-do-brasil-e-fecha-parceria-com-a-honda/?srsltid=AfmBOoqacqg2EMi_hFZVI2m6S4FzNezRMHz54O0tRTaxqJtluphsIPxW

- **White Martins Launches Low-Emissions Hydrogen Plant in Southeast Brazil**

White Martins inaugurated a low-emissions hydrogen plant in Southeast Brazil, in Jacareí, São Paulo state. According to White Martins, the unit can supply 800 tons per year of low-emissions hydrogen.

Ref. [White Martins inaugura nova usina de hidrogênio verde em SP e mira avanço industrial no Sudeste](#)

4. Events and Solicitations

- **Hyvolution Brazil 2026**

- Date/Location: June 16-17 / São Paulo
- Link: <https://hyvolutionbrasil.com/>

- **1st Brazilian Hydrogen Seminar**



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The 1st Brazilian Hydrogen Seminar (SBH2) was created as an initiative dedicated to strengthening the scientific, technological, and academic dimensions of the hydrogen value chain in Brazil. Organized by the Brazilian Hydrogen Association (ABH2), the seminar was designed to bring together researchers, students, specialists, and industry representatives in a qualified environment for dialogue and knowledge exchange.

- Date/Location: August 13-14, 2026 / Federal University of Paraná (UFPR)
- Link: <https://abh2.org/1sbh2-ingressos>

5. Investments: Government and Collaborative Hydrogen and Fuel Cell Funding

- **Brazilian Innovation Agency (*Finep*, acronym in Portuguese) More Innovation Brazil – Round 2 – Sustainable Mobility** (National Fund for Scientific and Technological Development)

This initiative seeks to foster the development of innovative technologies in mobility, which impacts on sustainability and the strengthening of Brazilian production chains, in the following areas: aviation transport, metro-railway, waterways and micromobility. Within the scope of this Public Call, non-refundable resources will be committed up to the limit of R\$ 120 million.

Ref. <https://www.finep.gov.br/chamadas-publicas/chamadapublica/778>

- **Brazilian Innovation Agency (*Finep*, acronym in Portuguese) More Innovation Brazil – Round 2 – Energy Transition** (National Fund for Scientific and Technological Development)

The initiative seeks to promote the development of technologies essential for energy transition, in areas such as technologies for electricity generation, energy storage, low-emissions hydrogen, biofuels, biogas and biomethane, carbon capture, among others. Within the scope of this Public Call, non-refundable resources will be committed up to the limit of R\$ 500 million.

Ref. <https://www.finep.gov.br/chamadas-publicas/chamadapublica/772>

- **Brazilian Innovation Agency (*Finep*, acronym in Portuguese) More Innovation Brazil – Round 2 – Mineral Transformation** (National Fund for Scientific and Technological Development)

The initiative seeks to promote the densification of mineral processing chains, contributing to safe and sustainable decarbonization and energy transition, including the development of new low-emissions metallurgical routes with reduction processes based on electrolysis; microwaves; low-emissions hydrogen; or self-reducing agglomerates with biomass. Within the scope of this Public Call, non-refundable resources will be committed up to the limit of R\$ 200 million.

Ref. <https://www.finep.gov.br/chamadas-publicas/chamadapublica/771>

- **The Northeast Region Call for the New Industry Brazil**

In total, 189 proposals were selected, totalling R\$ 113 billion in planned investments. The 189 selected proposals come from the nine states of the region and cover the five



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strategic areas of the call, of which: energy transition with a focus on storage approved 59 proposals and low-emissions hydrogen approved 44 proposals.

This Public Call for the New Industry Brazil is the result of a joint and unprecedented development initiative, built between federal public banks – the National Bank for Economic and Social Development (*BNDES*, acronym in Portuguese), *Banco do Brasil*, *Caixa Econômica Federal*, *Banco do Nordeste* – and the Brazilian Innovation Agency (*Finep*, acronym in Portuguese), with technical support from the Superintendency for the Development of the Northeast (*Sudene*, acronym in Portuguese) and the Northeast Interstate Consortium for Sustainable Development.

Ref. <https://www.gov.br/secom/pt-br/assuntos/noticias-regionalizadas/chamada-de-projetos-para-o-nordeste-bndes/chamada-de-projetos-para-industria-do-nordeste-aprova-r-2-5-bilhoes-em-propostas-para-a-paraiba>

Ref. <https://www.bndes.gov.br/wps/portal/site/home/onde-atuamos/industria-comercio-servi%C3%A7os/chamada-nordeste>

6. Regulations, Codes & Standards, and Safety Update

The Special Study Committee on Hydrogen Technology of the Brazilian Association of Technical Standards (ABNT CEE 067 – Hydrogen Technologies), a Mirror of the ISO/TC 197, is working on the harmonization of international standards to apply the following ones in Brazil:

- ISO 19870-1:2026 - Hydrogen technologies — Methodology for determining the greenhouse gas emissions associated with the hydrogen supply chain. Part 1: Emissions associated with the production of hydrogen up to the production gate
- ISO 14687:2025 - Hydrogen fuel quality — Product specification
- ISO 24078:2025 – Hydrogen in Energy Systems