NORTH AMERICAN H2 NEWS BRIEF

北米水素業界ニュース概要

SAORADH™ ENTERPRISE PARTNERS

JANUARY 3–31, 2026

SEP's Curated H2 News, Insights, and Policy Updates for JETRO & JH2F Members

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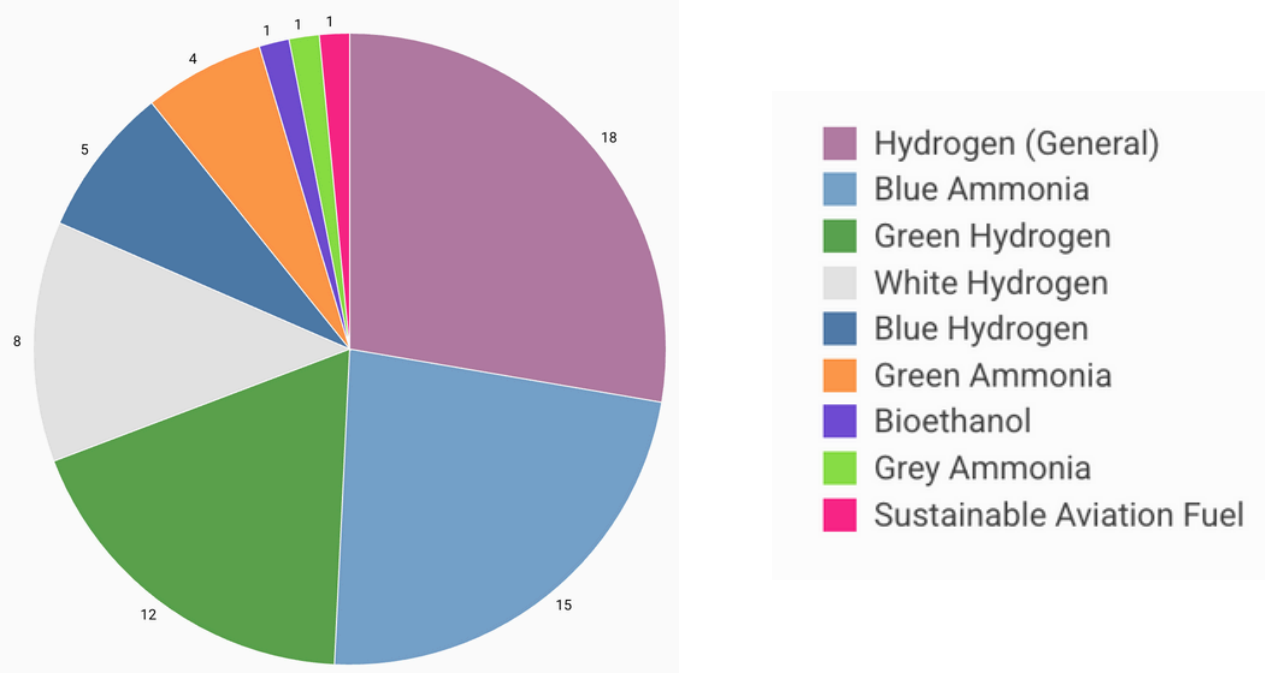

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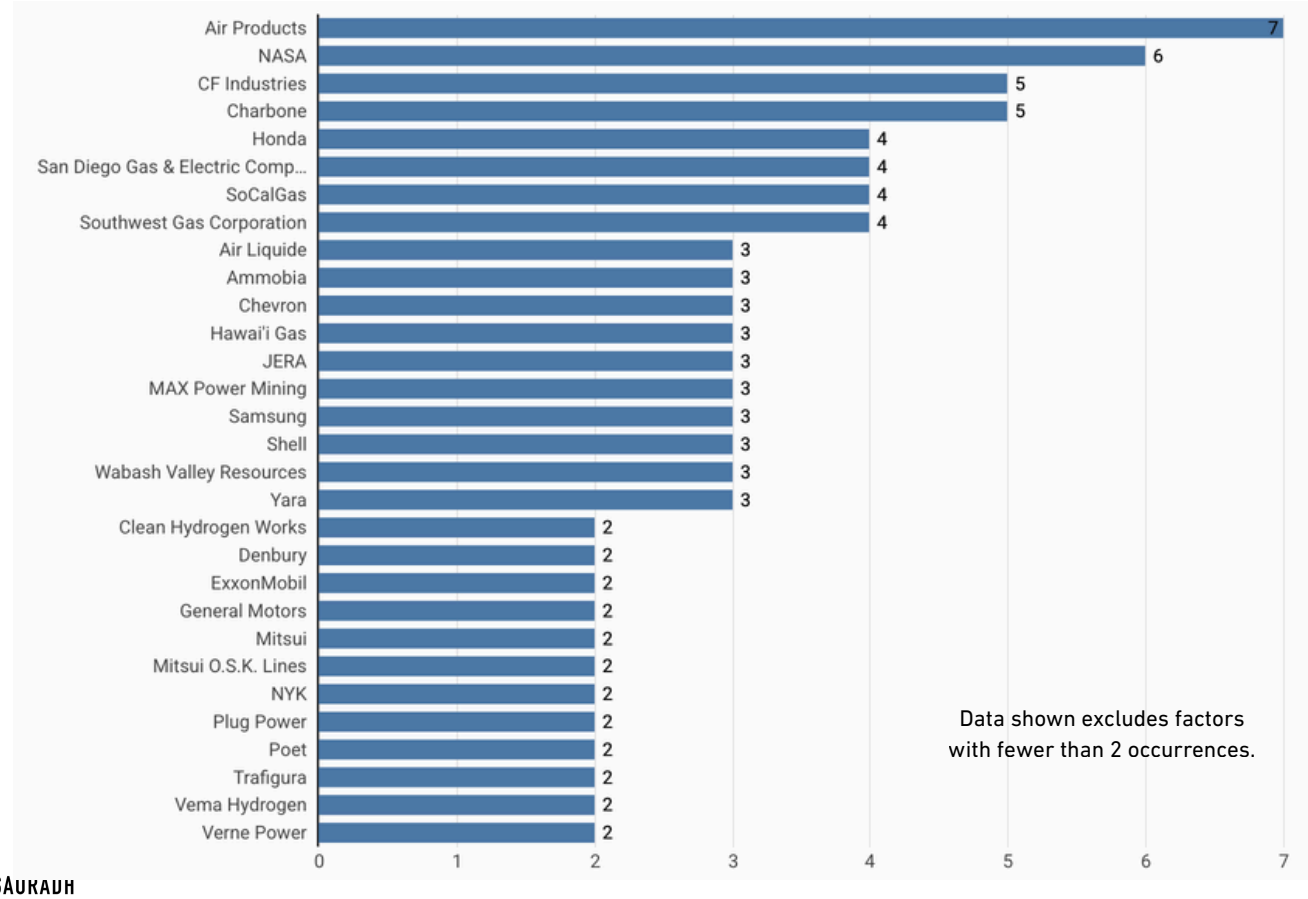

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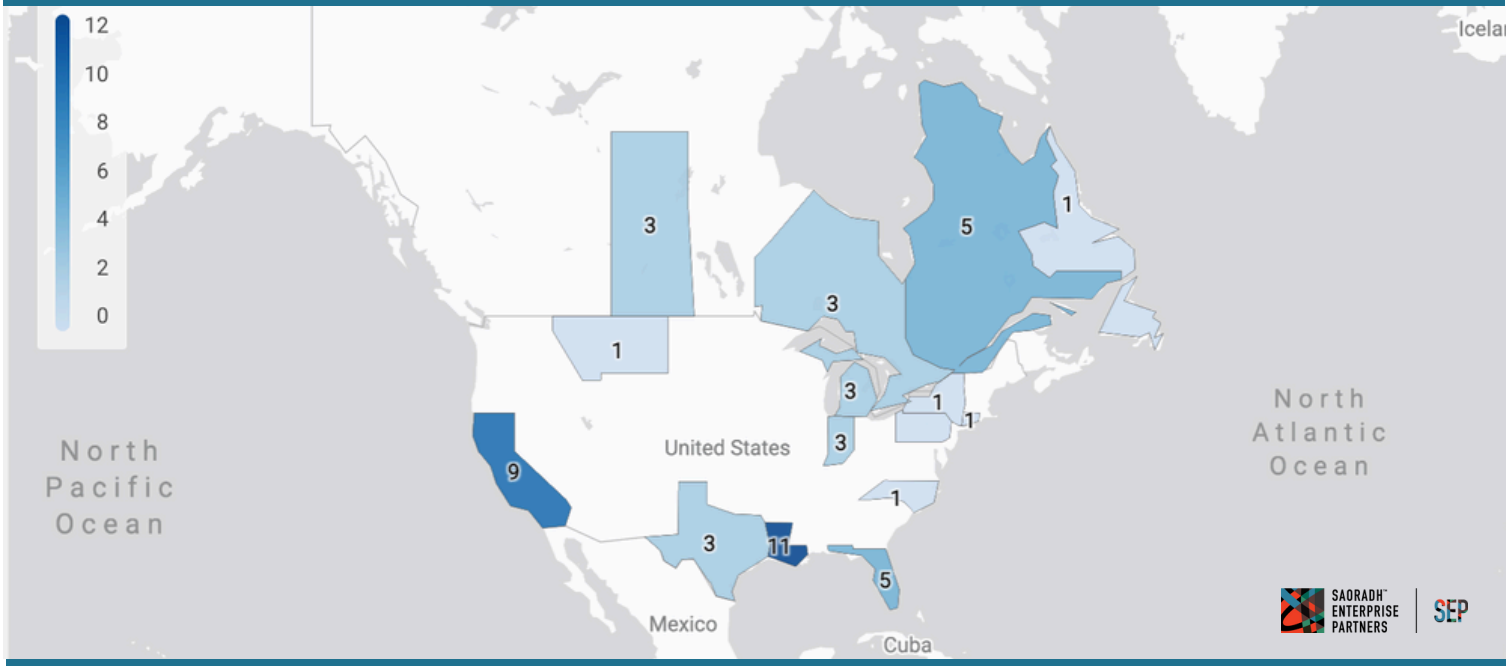

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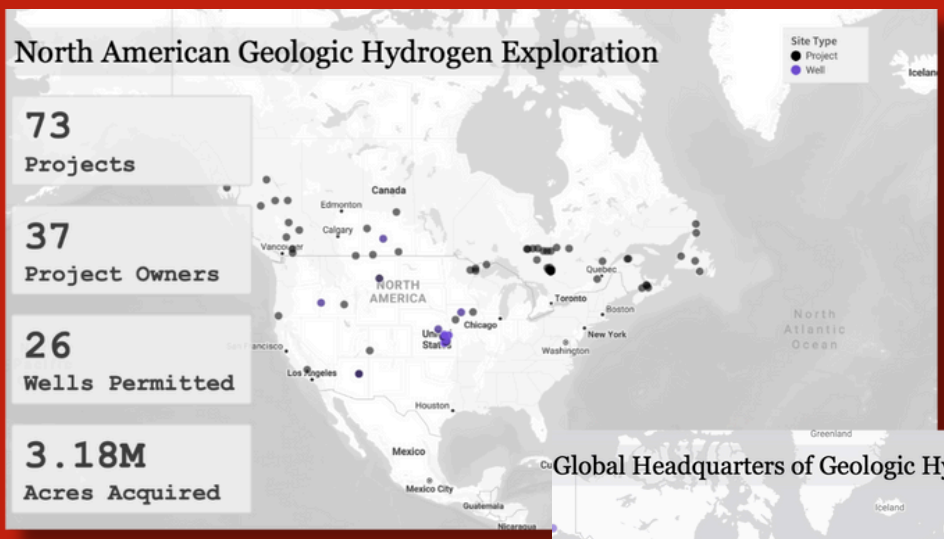

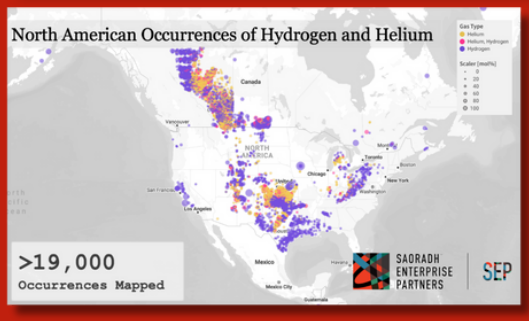

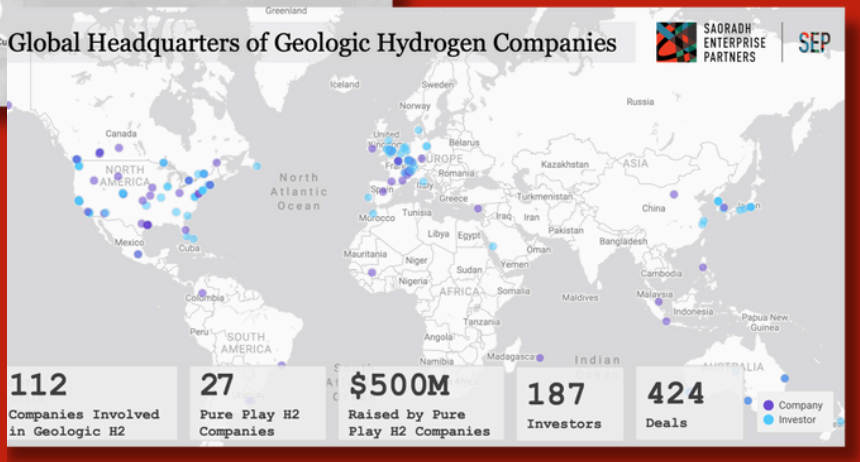

SEP Analyst Notes / SEPアナリスト解説

Analyst Note (January 3-31, 2026)

January 2026 brought renewed momentum to the North American hydrogen sector, with a major federal court ruling declaring the Trump administration's cancellation of $7.6 billion in clean energy grants unlawful for targeting Democratic-led states. This decision opens the door to potentially reviving funding for key initiatives, including up to $1.2 billion for California's hydrogen hub and up to $1 billion for a Pacific Northwest hydrogen project, providing a critical lift to stalled developments amid ongoing policy headwinds. The start to the year showcased a blend of tangible project milestones, innovative breakthroughs, emerging resource exploration, and strengthened global linkages, even as certain high-profile challenges persisted, reflecting the industry's ongoing maturation and resilience in a dynamic policy environment.

Several U.S. projects advanced materially in January, signaling continued commercial traction:

- Samsung E&A held a groundbreaking ceremony for the Wabash Low-Carbon Ammonia Project in Indiana, a facility set to produce 500,000 tons of ammonia annually while capturing 1.67 million tons of CO_2, funded by the U.S. DOE and Korean ministries, with completion targeted for 2029.
- CF Industries, POET, and major agriculture cooperatives, including WinField United, NuWay-K&H, New Cooperative, and Farmer's Cooperative, launched a low-carbon fertilizer pilot to reduce the carbon intensity of corn-based ethanol production. The initiative follows the supply chain of low-carbon ammonia from CF Industries' distribution network through retail partners to corn growers in Iowa, Minnesota, Missouri, and Nebraska, enabling POET to process that lower-carbon-intensity corn into low-carbon ethanol.
- Air Products secured more than $140 million in NASA contracts to supply approximately 36.5 million pounds of liquid hydrogen to multiple facilities, including Kennedy Space Center, Cape Canaveral Space Force Station, Marshall Space Flight Center, and Stennis Space Center.
- Amazon announced its third major facility in Visalia, California, a 1.27-million-square-foot logistics hub incorporating green hydrogen technology for forklifts and potentially heavy trucks to support net-zero operations.
- Charbone secured its first order for clean ultra-high purity hydrogen from a customer in New York State, part of a major Japanese industrial conglomerate, leveraging existing production capacity to expand into the U.S. market.

In contrast, several setbacks highlighted ongoing challenges. Air Products expressed concerns over rising construction costs impacting its Louisiana blue hydrogen project, prioritizing de-risking through partnerships despite uncertainties around Europe's carbon border adjustment mechanism (CBAM), with a final investment decision expected later in 2026. Honda announced the discontinuation of fuel cell system production at its joint venture with General Motors (Fuel Cell System Manufacturing LLC) by the end of 2026, shifting focus to independently developed next-generation systems. Additionally, World Energy GH2 shelved its flagship 1.2 GW green hydrogen and ammonia export project in Newfoundland and Labrador due to lack of offtake agreements, originally targeted for European exports starting in 2025. Plug Power also faced hurdles, failing to secure shareholder approval for issuing 1.5 billion new shares to raise capital amid ongoing losses and dilution concerns.

Positive progress emerged for early-stage U.S. technologies, with funding and testing milestones underscoring innovation in production and applications:

- Ammobia raised $7.5 million in seed funding from investors including Shell Ventures, ALIAD (Air Liquide), MOL Switch (Mitsui O.S.K. Lines), and Chevron Technology Ventures to scale its modular low-cost ammonia production technology, with plans for a pilot facility and commercial demonstrations targeting applications in fertilizers, chemicals, maritime shipping, power generation, and energy storage.
- SunHydrogen provided an update on its Austin pilot at the University of Texas Hydrogen ProtoHub, where the company successfully deployed its first multi-panel solar hydrogen system to generate real-world operating data under outdoor conditions. Site infrastructure and balance-of-system components became operational in December 2025, and initial commissioning of the first four hydrogen panels was completed, with all four panels successfully integrated and generating hydrogen.
- Nimbus Power Systems completed shock and vibration testing of its hydrogen fuel cell technology for NASA's Artemis lunar missions, in collaboration with Blue Origin, positioning the tech for potential use in life support systems on the Blue Moon Lander.

Movement on the geologic hydrogen front gained momentum across the U.S. and Canada in January 2026, highlighting growing interest in this emerging, potentially low-cost clean energy resource. In Michigan, Governor Gretchen Whitmer issued an executive order aimed at establishing the state as a frontrunner in geologic (natural) hydrogen development. The directive launches a comprehensive statewide program that coordinates efforts around strategic planning, regulatory framework preparation, workforce training, infrastructure evaluation, and environmental impact analysis to support future exploration and commercialization of naturally occurring hydrogen resources. Meanwhile, Max Power Mining confirmed Canada's first natural hydrogen discovery at its Lawson well in Saskatchewan, reaching 2,278 meters and detecting hydrogen concentrations up to 28.6% across multiple horizons, validating the concept with follow-up testing planned for flow rates and volumes.

Positive international trade developments strengthened global supply chains. CF Industries, Trafigura, and TFG Marine signed an MOU to advance low-carbon ammonia as a marine fuel, focusing initially on the U.S. Gulf Coast and Northwest Europe, building on prior ammonia shipments. Hyundai expressed interest in collaborating with Canada's hydrogen sector to support its decarbonized vehicle strategy, following a Canada-South Korea MOU on auto and battery manufacturing, though no immediate plans for a Canadian manufacturing plant were confirmed. JERA outlined a full supply route for low-carbon ammonia from the U.S. Blue Point project to Japan, including time-charter contracts with NYK Bulkship and Mitsui O.S.K. Lines for transport to its modified Hekinan Thermal Power Station, complete with import and storage infrastructure.

January's developments underscore the North American hydrogen industry's continued maturation and adaptability in a complex policy landscape. The federal court's ruling on unlawfully canceled clean energy grants represents a significant potential catalyst for reviving key regional hubs and stalled initiatives. Project advancements across ammonia production, industrial offtake, space applications, and logistics demonstrate sustained commercial momentum. Breakthroughs in early-stage technologies, accelerating interest in geologic hydrogen, and deepening international trade linkages, particularly with Japanese partners, highlight diversification and growing global demand signals. Although project-specific setbacks and capital discipline challenges persist, the breadth and quality of activity in January position the sector for tangible progress in 2026, provided policy tailwinds are sustained and offtake certainty continues to

improve. Overall, the month reflects an industry that is steadily transitioning from foundational groundwork toward scaled deployment and meaningful economic and environmental contributions.

アナリストノート（2026年1月3日～1月31日）

2026年1月、北米の水素セクターは新たな局面を迎えました。その最大の要因は、トランプ政権による民主党主導の州を対象とした76億ドル規模のクリーンエネルギー助成金取り消しを違法とする連邦裁判所の重要な判決です。この決定により、カリフォルニア州の水素ハブへの最大12億ドル、および太平洋北西部の水素プロジェクトへの最大10億ドルの資金提供が再開される可能性が開かれ、政策上の逆風の中で停滞していた主要な取り組みにとって重要な後押しとなりました。年明け早々、一部で深刻な課題は残るものの、具体的なプロジェクトの進展、革新的なブレークスルー、新たな資源探査、そして国際的な連携強化が混然一体となって進んでいます。これは、ダイナミックな政策環境下における業界の成熟と強靭性を反映しています。

複数の米国プロジェクトが1月中に実質的な前進を遂げ、商業的な進展が継続していることが示されています。

- サムスンE&Aは、インディアナ州でウォバッシュ低炭素アンモニアプロジェクトの起工式を開催しました。この施設は年間50万トンのアンモニア生産と167万トンのCO_2回収を目指し、米国エネルギー省（DOE）と韓国政府各省庁の資金提供を受け、2029年の完成を予定しています。
- CFインダストリーズ、POET、およびウィンフィールド・ユナイテド、ニューウェイK&H、ニュー・コープ、ファーマーズ・コープなどの主要農業協同組合は、トウモロコシベースのエタノール生産の炭素強度を削減するための低炭素肥料パイロットプロジェクトを開始しました。この取り組みにより、CFインダストリーズ　の流通ネットワークから小売パートナーを経て、アイオワ州、ミネソタ州、ミズーリ州、ネブラスカ州のトウモロコシ生産者に低炭素アンモニアを供給するサプライチェーンに沿って行われ、POET　はその低炭素強度のトウモロコシを低炭素エタノールに加工することが可能になります。
- エア・プロダクツは、ケネディ宇宙センター、ケープカナベラル宇宙軍基地、マーシャル宇宙飛行センター、ステニス宇宙センターを含む複数の施設に約3,650万ポンドの液体水素を供給する契約をNASAより1億4,000万ドル以上で獲得しました。
- アマゾンはカリフォルニア州バイセリアに127万平方フィートの3番目の主要物流ハブを開設することを発表。フォークリフトや将来的に大型トラック向けのグリーン水素技術を導入し、ネットゼロ運営の実現を目指します。
- シャルボーンは、日本の大手産業グループ傘下のニューヨーク州顧客より、同社初となる超高純度水素の受注を獲得しました。既存の生産能力を活用し、米国市場への拡大を本格化させています。

一方で、いくつかの逆風が継続的な課題を浮き彫りにしました。エア・プロダクツは、ルイジアナ州のブルー水素プロジェクトについて、建設コストの上昇が影響を及ぼしていることに懸念を示し、欧州炭素国境調整メカニズム（CBAM）を巡る不確実性がある中でも、パートナーシップを通じたリスク低減を優先しています。最終投資判断は2026年後半に予定されています。ホンダは、ゼネラルモーターズとの合弁会社（Fuel Cell System Manufacturing LLC）における燃料電池システムの生産を2026年末までに終了し、今後は独自開発の次世代システムに注力すると発表しました。また、ワールド・エナジーGH2は、オフテイク契約の不足により、ニューファンドランド・ラブラドール州における主力プロジェクトである1.2GW規模のグリーン水素・アンモニア輸出事業を棚上げしました。同プロジェクトは当初、2025年からの欧州向け輸出を目指していました。プラグ・パワーもまた障害に直

面し、継続的な赤字と株式希薄化懸念により、15億株の新株発行による資金調達について株主の承認を得られませんでした。

米国における初期段階の技術に前向きな進展が見られ、資金調達と実証試験のマイルストーンが生産と応用分野におけるイノベーションを裏付けています。

- アンモビアは、シェル・ベンチャーズ、ALIAD（エア・リキード）、MOLスイッチ（商船三井）、シェブロン・テクノロジー・ベンチャーズなどの投資家から750万ドルのシード資金を調達し、モジュール式低コストアンモニア生産技術の拡大を図り、パイロットプラントと商業実証試験を計画しており、肥料、化学品、海上輸送、発電、エネルギー貯蔵分野での応用を目指しています。
- サンハイドロジェンは、テキサス大学水素プロトハブにおけるオースティン・パイロットプロジェクトの最新情報を発表しました。同社は屋外環境下で実稼働データを収集するため、初のマルチパネル太陽水素システムを同施設に導入し、運用に成功しました。施設インフラとシステム周辺機器は2025年12月に稼働を開始し、最初の4基の水素パネルの初期試運転が完了。全4基のパネルは正常に統合され、水素を生成しています。
- ニンバス・パワー・システムズは、ブルー・オリジンと共同で、NASAのアルテミス月面ミッション向け水素燃料電池技術の衝撃・振動試験を完了し、ブルー・ムーン・ランダーの生命維持システムへの応用可能性を模索しています。

天然水素分野における動きは、2026年1月に米国およびカナダ全域で勢いを増し、この新たな低コストクリーンエネルギー資源への関心の高まりを浮き彫りにしました。ミシガン州のグレッチェン・ウィットマー知事は、同州を地質学的（天然）水素開発の先駆的州とすることを目的とした行政命令を発令しました。この指令により、戦略的計画策定、規制枠組みの準備、労働力育成、インフラ評価、環境影響評価に関する取り組みなどを調整する包括的な州全体のプログラムが開始され、天然に存在する水素資源の将来的な探査と商業化を支援します。一方、マックス・パワー・マイニング社はサスカチュワン州ローソン井においてカナダ初の天然水素発見を確認。掘削深度2,278メートルで複数の層において最大28.6%の水素濃度を検出し、このコンセプトの妥当性を検証しました。今後、流量と体積に関する追跡試験を実施する予定です。

国際貿易の好転がグローバルサプライチェーンを強化しました。CFインダストリーズ、トラフィグラ、TFGマリンは、低炭素アンモニアを船舶燃料として推進する覚書（MOU）を締結。これまでのアンモニア輸送実績を基盤に、当初は米国ガルフコースト地域と北西ヨーロッパに集中して展開します。現代自動車は、カナダと韓国が自動車・電池製造に関する覚書を締結したことを受け、脱炭素車両戦略を支援するためカナダの水素産業との連携に関心を表明しました。ただし、カナダ国内での製造工場建設に関する具体的な計画は現時点で確認されていません。JERAは、米国ブルー・ポイントプロジェクトから日本への低炭素アンモニアの具体的な供給ルートを明らかにしました。これには、日本郵船バルク船事業部および三井OSKラインとの定期用船契約の締結、輸入・貯蔵インフラを完備した改修済みの碧南火力発電所への輸送体制整備が含まれます。

1月の動向は、複雑な政策環境下における北米水素産業の継続的な成熟と適応力を裏付けています。連邦裁判所によるクリーンエネルギー助成金の違法取消しに関する判決は、主要な地域ハブや停滞していた事業を再活性化する重要な潜在的契機と位置付けられます。アンモニア生産、産業向け供給、宇宙産業への応用、物流といった多岐にわたる分野における事業の進展は、持続的な商業的勢いを示しています。初期段階技術におけるブレークスルー、天然水素への関心の高まりや、特に日本企業との国際貿易連携の強化は、市場の多様化とグローバルな需要拡大の兆候を顕著に示しています。プロジェクト固有の課題や資本規律の課題は依然として存

在するものの、1月の活動の広がりと質の高さは、政策面での追い風が持続し、需要の確実性がさらに向上することを前提に、2026年に具体的な進展が見込まれることを示しています。全体として、今月は業界が基盤整備から段階的な展開へと着実に移行し、経済的・環境的に意義ある貢献を果たしつつあることを反映しています。

Policies / 政策

January 3-31, 2026

1/20/2026 - US hydrogen one year into Trump 2.0: progress, but on tighter terms
2026年1月20日　トランプ政権第2期発足から1年、進展は見られるものの、条件は厳格化
We're now a little over 12 months into US President Donald Trump's second term, and the impact the past year has had on the clean hydrogen sector cannot be understated. The flagship 45V clean hydrogen production tax credit, put forward by the Biden administration, now ends five years early. Two of the seven regional hydrogen hubs, selected for a combined $8bn in funding, have had grants removed, while the remaining five await funds being released. However, this isn't a recap of the setbacks. For all the turmoil 2025 delivered, progress is happening – although in a distinctly American flavour. **Full Story**

1/16/2026 - Michigan Governor eyes natural hydrogen leadership
2026年1月16日　ミシガン州知事、天然水素分野での主導権獲得を目指す
Michigan Governor Gretchen Whitmer has signed an executive directive to unlock the state's natural hydrogen potential, calling for a wide-ranging strategy to prepare for exploration and development. The directive will create an initiative under constitutional and state law to lead Michigan's efforts on the naturally occurring energy carrier. This involves coordinating state-wide planning, regulatory readiness, workforce and economic strategy, infrastructure assessment, and environmental evaluation, necessary to explore the extraction of geologic hydrogen in Michigan. **Full Story**

1/13/2026 - Court says Trump admin illegally blocked billions in clean energy grants to Democratic states
2026年1月13日　裁判所、トランプ政権による民主党支持州へのクリーンエネルギー助成金数十億ドルを違法に停止と判断
A federal judge ruled Monday that the Trump administration acted illegally when it canceled $7.6 billion in clean energy grants for projects in states that voted for Democrat Kamala Harris in the 2024 election. The grants supported hundreds of clean energy projects in 16 states, including battery plants, hydrogen technology projects, upgrades to the electric grid and efforts to capture carbon dioxide emissions. The cuts include up to $1.2 billion for California's hydrogen hub that is aimed at accelerating hydrogen technology and production, and up to $1 billion for a hydrogen project in the Pacific Northwest. **Full Story**

Projects / プロジェクト

January 3-31, 2026

1/30/2026 - Construction costs overshadow CBAM risk for Air Products' Louisiana hydrogen plans
2026年1月30日　エア・プロダクツ、ルイジアナ州水素計画においてCBAMリスクよりも建設コスト上昇を懸念
Air Products is more concerned about rising construction costs than uncertainty around Europe's carbon border levy as it moves toward a final decision on the fate of its Louisiana blue hydrogen project later this year. CEO Eduardo Menezes told the firm's Q1 investor call that it had a "high bar" for taking final investment decision (FID) on the 1,700-tonne project, which has had its future under question since last May. The company has been working to de-risk the development by handing off its ammonia production and carbon capture elements. **Full Story**

1/28/2026 - Air Products Wins More than $140 Million in NASA Contracts to Supply Liquid Hydrogen to the Kennedy Space Center, Cape Canaveral Space Force Station and Other NASA Facilities
2026年1月28日　エア・プロダクツ、ケネディ宇宙センター、ケープカナベラル宇宙軍基地およびその他のNASA施設への液体水素供給で1億4,000万ドル超の契約を獲得
Air Products (NYSE:APD), the world's leading supplier of hydrogen, today announced that it was recently awarded supply contracts from the National Aeronautics and Space Administration (NASA) totaling more than $140 million to provide liquid hydrogen for several NASA facilities including the world's largest hydrogen sphere at NASA's Kennedy Space Center, the Cape Canaveral Space Force Station and other NASA locations. Under the new contract, Air Products will supply about 36.5 million pounds of liquid hydrogen to NASA for the Kennedy Space Center and Cape Canaveral Space Force Station in Florida; NASA's Marshall Space Flight Center in Huntsville, Alabama; and NASA's Stennis Space Center in Bay St. Louis, Mississippi.
Full Story

1/27/2026 - CF Industries, POET, and Major Agriculture Co-Operatives Launch Low-Carbon Fertilizer Pilot to Cut Ethanol Production Carbon Intensity
2026年1月27日　CFインダストリーズ、POETおよび大手農業協同組合がエタノールの炭素強度削減に向けて低炭素肥料のパイロット事業を開始
CF Industries Holdings, Inc. (NYSE: CF), a leading global manufacturer of hydrogen and nitrogen products, and POET, the world's largest producer of biofuels, have launched a pilot project with major agriculture co-operatives to jointly develop a low-carbon fertilizers supply chain. The goal of the pilot is to demonstrate how the use of low carbon nitrogen fertilizer can substantially reduce the carbon intensity of corn and enable the production of low carbon ethanol for use in motor fuel and export. The pilot includes WinField United – the crop inputs and insights business of Land O'Lakes, Inc., one of America's leading agribusiness and food companies – along with agricultural cooperatives NuWay-K&H, New Cooperative, and Farmer's Cooperative. Participants will track the carbon intensity certification of the low-carbon fertilizer produced by CF Industries and sold from its distribution network through retail distribution channels and finally to corn growers across Iowa, Minnesota, Missouri, and Nebraska. POET's facilities will then utilize the corn produced using lower carbon intensity fertilizer in Minnesota,

Iowa, and Nebraska for ethanol production. The consortium successfully completed the first distribution and applications of low-carbon ammonia fertilizer in the fall of 2025. **Full Story**

1/27/2026 - CHARBONE announces hydrogen sales in Ontario to support fuel cell generator operations for the film industry
2026年1月27日　シャルボーン、映画業界の燃料電池発電機向けにオンタリオ州における水素販売を発表
CHARBONE Corporation, a North American producer and distributor specializing in clean ultra-high purity (UHP) hydrogen and strategic industrial gases, is pleased to announce the sale of clean UHP hydrogen in Ontario to a specialized contractor serving the film and entertainment production industry, enabling the operation of hydrogen fuel cell generators used on movie and television production sites. CHARBONE confirms it has begun supplying clean UHP hydrogen in Ontario to support the deployment of fuel cell-powered generator systems used to provide electricity for production sets and related mobile infrastructure.
Full Story

1/19/2026 - JERA outlines full supply route to bring low-carbon ammonia from USA to Japan
2026年1月19日　JERA、米国から日本への低炭素アンモニア供給ルートを公表
Following the award of contract-for-difference subsidies by the Japanese government for the import of CCS-based ammonia from the Blue Point project in the USA, JERA has outlined partners in the supply route linking Louisiana to Japan. Time-charter contracts have been signed with NYK Bulkship and Mitsui O.S.K. Lines to transport ammonia from Louisiana to JERA's Hekinan Thermal Power Station in Hekinan City, Aichi Prefecture, where it will be commercially co-fired. JERA's modifications to the facility include significant import and storage infrastructure, including a vessel berth and loading arm, storage tank, and vaporizer. **Full Story**

1/16/2026 - Max Power Confirms Canada's First Natural Hydrogen Drilling Discovery
2026年1月16日　マックス・パワー、カナダ初の天然水素掘削発見を確認
MAX Power Mining is pleased to announce confirmation of Canada's first-ever subsurface Natural Hydrogen system following the successful completion and testing of the first well ever drilled in Canada ("Lawson") specifically targeting Natural Hydrogen near Central Butte, Saskatchewan, approximately 140 km south of Saskatoon. Notably, immediate drilling success in the province featuring Canada's most advanced policy framework for Natural Hydrogen presents a series of potential short-term catalysts (refer to Next Steps – H1 2026) that could accelerate the development of this emerging clean energy industry in Saskatchewan, already a global leader in uranium and potash and Canada's only producer of helium. **Full Story**

1/14/2026 - CHARBONE Secures its First Order for Clean UHP Hydrogen from a US Customer in NY State
2026年1月14日　シャルボーン、ニューヨーク州の顧客からクリーンUHP水素の初受注を確保
CHARBONE CORPORATION is pleased to announce that it has secured its first order for clean UHP hydrogen from a customer based in New York State, USA. This customer is part of a major

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Japanese industrial conglomerate, representing a significant strategic breakthrough for CHARBONE in the US market.The order will be fulfilled using the Company's existing production capacity and is part of a broader strategy to establish long-term business relationships with world-class industrial and technology clients. **Full Story**

1/09/2026 - Canada's flagship green hydrogen export project put on ice
2026年1月9日　カナダの主要グリーン水素輸出プロジェクトが凍結
A project once touted as Canada's flagship green hydrogen export development has been shelved, casting doubt over future hydrogen trade between Canada and Germany. World Energy GH2 has put its 1.2GW green hydrogen and ammonia project in Newfoundland and Labrador on ice after failing to secure any offtake agreements. Project Nujio'qonik was designed to supply European buyers using around 2GW of new wind capacity, with exports originally planned from 2025. **Full Story**

Mobility/Transportation / モビリティ／輸送

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1/30/2026 - Hyundai interested in Canada's hydrogen energy as it bets on decarbonized cars
2026年1月30日　脱炭素化自動車に注力する現代自動車、カナダの水素エネルギーに関心
Hyundai is exploring a "potential collaboration" with the Canadian hydrogen energy sector, it told CBC News on Thursday, as the South Korean automaker bets on decarbonized cars to be the future of the automotive industry. The revelation came a few days after Canada and South Korea signed a memorandum of understanding that will see the two co-operate in several key industries, including auto and battery manufacturing. A Hyundai spokesperson said while the company does not currently have plans to open an auto manufacturing plant in Canada, it's reviewing "a range" of opportunities to collaborate, including in the hydrogen energy sector "to support Canada's clean-energy transition." **Full Story**

1/15/2026 - CF Industries, Trafigura and TFG Marine sign MOU to advance low-carbon ammonia for maritime decarbonisation
2026年1月15日　CFインダストリーズ、トラフィグラ、TFGマリンが海運脱炭素化に向けた低炭素アンモニア活用に関するMOUを締結
CF Industries, a leading global manufacturer of hydrogen and nitrogen products, Trafigura, a market leader in the global commodities industry, and TFG Marine, a leading global marine fuel supplier, today announced the signing of a Memorandum of Understanding (MOU) to facilitate the adoption of low-carbon ammonia as a marine fuel. Building on the successful collaboration between CF Industries and Trafigura in the shipment of low-carbon ammonia, this agreement establishes a framework for the parties to work together on advancing low-carbon ammonia as a

marine fuel, supporting the global shipping industry's emissions-reduction efforts. The collaboration will initially focus on the U.S. Gulf Coast and Northwest Europe. **Full Story**

1/14/2026 - Nimbus completes hydrogen fuel cell testing for Nasa Artemis missions
2026年1月14日　ニンバス社、NASAアルテミス計画向け水素燃料電池試験を完了
Nimbus Power Systems has completed tests on its hydrogen fuel cell technology for Nasa's planned lunar operations. Shock and vibration tests, undertaken with Jeff Bezos' Blue Origin, simulated mechanical loads that could be experienced during the lunar missions, where the fuel cells could be used for life support systems. Nimbus's technology could be installed in Blue Origin's Blue Moon Lander, which is set to be used for Nasa's anticipated return to the moon under the Artemis programme. **Full Story**

1/12/2026 - Amazon to Open Third Major Facility in Visalia, Deploying Green Hydrogen Logistic Equipment Across New 1.27M Sq Ft Logistics Hub
2026年1月12日　アマゾン、バイセイリアに3つ目の主要施設を開設。127万平方フィートの新物流拠点にグリーン水素物流機器を導入
Amazon is opening its third major facility in Visalia, California, a 1.27-million-square-foot logistics hub expected to create hundreds of jobs, and will deploy green hydrogen technology, including powering forklifts and potentially heavy trucks, for cleaner operations, aiming for net-zero goals. The facility, located in the CapRock Central Point development, will enhance fast delivery across California, utilizing advanced hydrogen-powered equipment for a more sustainable supply chain. **Full Story**

1/28/2026 - SunHydrogen CEO Shares update on Austin Pilot
2026年1月28日　サンハイドロジェンCEO、オースティンでのパイロット事業最新情報を公表
At the University of Texas at Austin's Hydrogen ProtoHub, co-managed by GTI Energy, SunHydrogen deployed its first multi-panel solar hydrogen system designed to generate real-world operating data under outdoor conditions. Site infrastructure and balance-of-system components became operational in December 2025, and commissioning was initiated shortly thereafter on the first four hydrogen panels. We chose to implement a phased rollout strategy within a 16-panel array architecture to intentionally de-risk scale-up and operational issues early. During initial commissioning, all four hydrogen panels were successfully integrated with their balance-of-system components and generated hydrogen under Austin, Texas sunlight. While their efficiency, to our knowledge, remains the highest achieved using commercially

manufactured solar materials in an integrated outdoor system, performance did not meet the targets previously achieved in Iowa and validated by Honda R&D and other third parties. **Full Story**

1/20/2026 - Honda to Discontinue Production of Fuel Cell Systems at Fuel Cell System Manufacturing LLC in the U.S.
2026年1月20日　ホンダ、米国FCSM社での燃料電池システムの生産を終了へ
Honda Motor Co., Ltd. (Honda) today announced that it has decided to discontinue production, before the end of 2026, of the current model of fuel cell system now produced at Fuel Cell System Manufacturing LLC (FCSM), a joint venture between Honda and General Motors (GM). After the discontinuation, Honda will utilize the next-generation fuel-cell system being developed independently by Honda. FCSM was established in January 2017 in Brownstown, Michigan, U.S., as the first ever joint venture in the automotive industry that would produce advanced fuel cell system. The two companies combined their respective expertise in areas of development, production and procurement and realized various synergies, including the development of high-quality fuel cell system with excellent durability and low-temperature resistance, the introduction of cutting-edge production technologies, and cost reduction through commonizing parts suppliers. As this collaboration yielded some positive results, the two companies held extensive discussions regarding the continuation of FCSM business and reached an agreement to discontinue production of fuel cell systems at FCSM. Moving forward, Honda will continue to leverage next-generation fuel cell system technologies developed independently by Honda and strive to further expand business opportunities in order to grow its hydrogen business as one of the new core businesses of Honda. **Full Story**

1/06/2026 - SAMSUNG E&A announces Groundbreaking of Wabash Low-Carbon Ammonia Project in the US
2026年1月6日　サムスンE&A、米国ウォバッシュ低炭素アンモニアプロジェクトの着工を発表
SAMSUNG E&A announced that it held a groundbreaking ceremony for its Wabash Low-Carbon Ammonia Project on the 5th January. Held at the Hay Adams Hotel in Washington, D.C., the ceremony was attended by approximately 70 project and government officials, including Minister of Land, Infrastructure and Transport (MOLIT) to the Republic of Korea, Kim Yoon-duk, and SAMSUNG E&A President and CEO Hong Namkoong, U.S. Deputy Secretary of Energy James P. Danly, and Wabash Valley Resources Chairman of the Board Simon Greenshields. This project, to be built in Terre Haute, Indiana, will be an eco-friendly ammonia facility capable of producing 500,000 tons of ammonia and capturing 1.67 million tons of carbon dioxide annually. This national project is funded by the U.S. Department of Energy (DOE), the Korean Ministry of Land, Infrastructure and Transport, and the Ministry of Climate, Energy, and Environment. SAMSUNG E&A signed an EPF (Engineering, Procurement, and Fabrication) worth approximately KRW 680 billion (approximately USD 475 million) with Wabash Valley Resources of the United States in October of last year, and is currently carrying out the project with the goal of completion in 2029. **Full Story**

Investments, Mergers, Acquisitions / 投資、合併、買

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1/30/2026 Loss-making Plug Power fails another attempt to get stockholders to approve share dilution

2026年1月30日　赤字経営のプラグ・パワー、株式希薄化の株主承認獲得に再度失敗

Loss-making green hydrogen technology firm Plug Power has failed to secure shareholder approval for its plan to raise money by issuing 1.5 billion new shares, which would double the stock quantity and effectively halve the value of existing shares. **Full Story**

1/14/2026 Ammobia Raises $7.5M to Scale Low-Cost Ammonia Production Technology Critical to Energy Resilience

2026年1月14日　アンモビア社、強靭なエネルギー供給に不可欠な低コストアンモニア生産技術の規模拡大に向け750万ドルを調達

Ammobia, developer of breakthrough low-cost ammonia production technology, today announced a $7.5 million seed round to scale its Haber-Bosch 2.0 modular plant designs that use advanced materials science and reaction engineering to considerably reduce ammonia production capital expenditures. With the new financing, the team will build a pilot facility to derisk its reactor technology and select a customer cohort for commercial demonstrations. Ammobia's funding round, which includes investors such as Shell Ventures, ALIAD (Air Liquide), MOL Switch (Mitsui OSK Lines), and Chevron Technology Ventures, reflects ongoing interest in the potential for innovation in the global ammonia market. As the second most-produced chemical worldwide, ammonia feeds half the world's population through fertilizers and serves as critical feedstock for chemicals and plastics. With emerging applications in maritime shipping, power generation, and energy storage and transport, demand is expected to increase significantly by 2050. **Full Story**