

# NORTH AMERICAN H2 NEWS BRIEF

北米水素業界ニュース概要



APRIL 1-30, 2026

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

## Table of Contents / 目次

 **Monthly News Statistics**  
今月のニュース統計

 **SEP Analyst Notes**  
SEPアナリスト解説

 **News Stories**  
主要ニュース一覧

 **Policies**  
政策

 **Projects**  
プロジェクト

 **Mobility / Transportation**  
モビリティ/輸送

 **Technology / Research**  
技術/研究

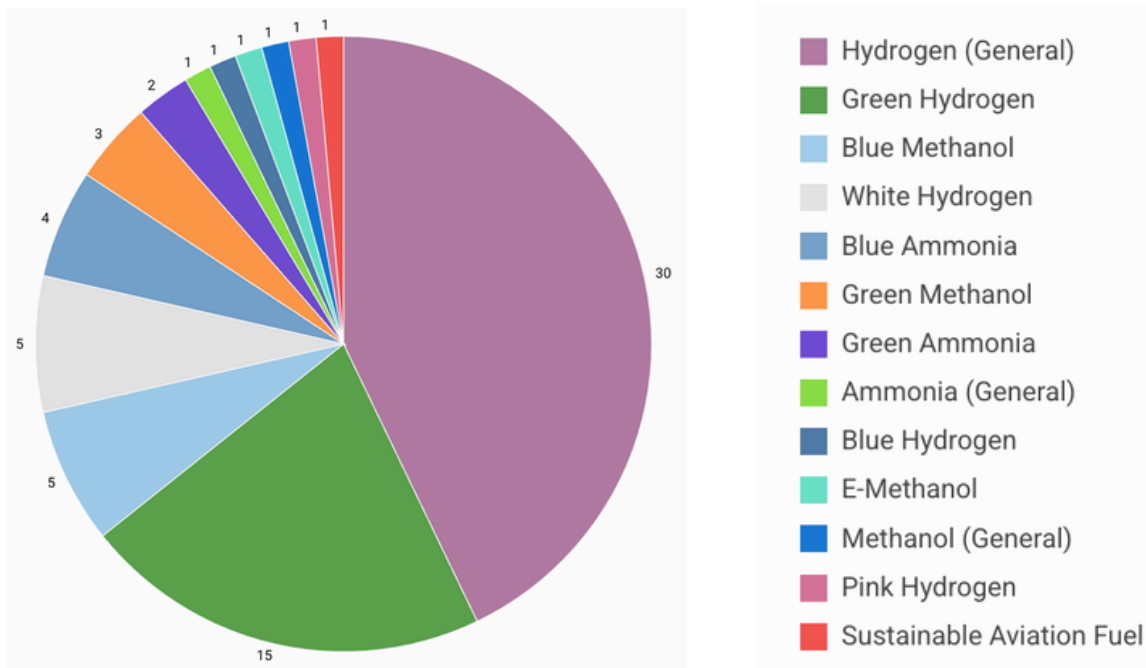
 **Investments, Mergers,  
Acquisitions**  
投資、合併、買収



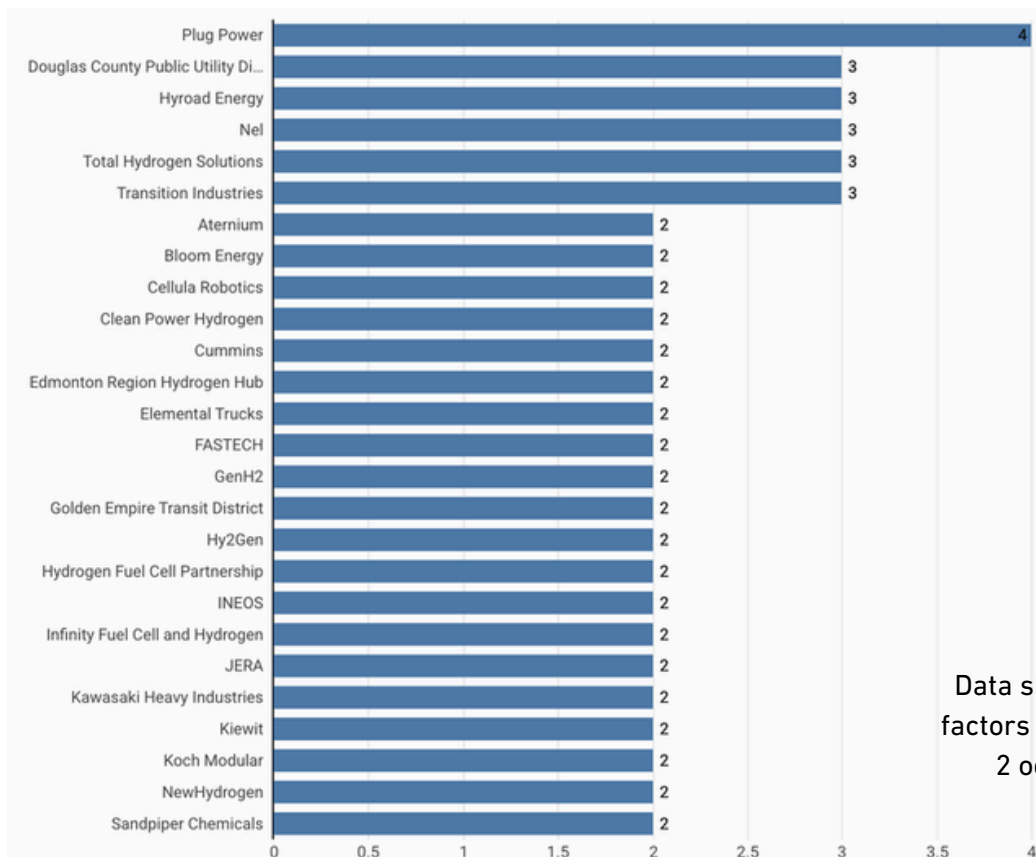
Artemis II Launch  
Wednesday, April 1, 2026  
NASA's Kennedy Space Center in Florida

# Monthly News Statistics / 今月のニュース統計

## News Count by Product / 製品別ニュース数



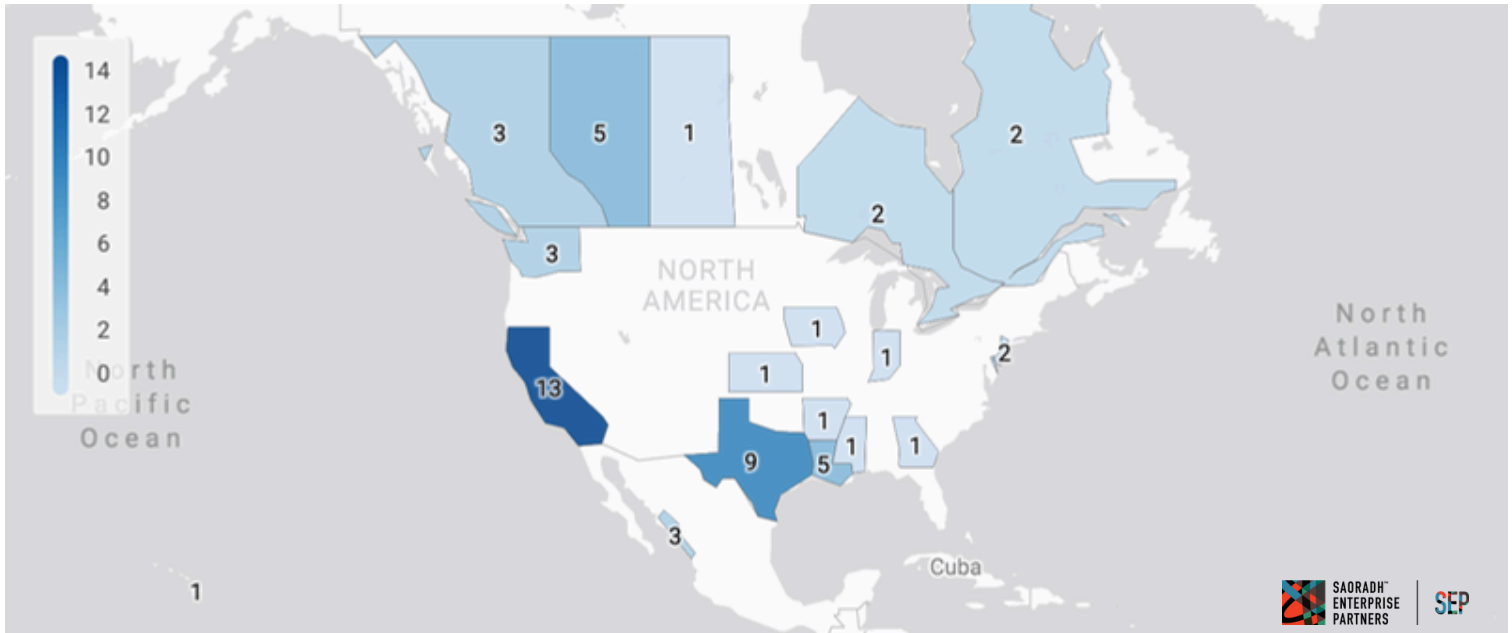
## News Count by Company Name / 企業別ニュース数



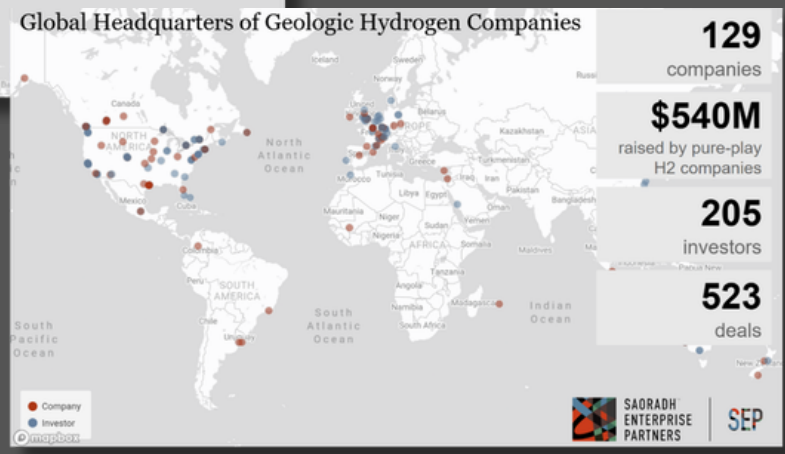
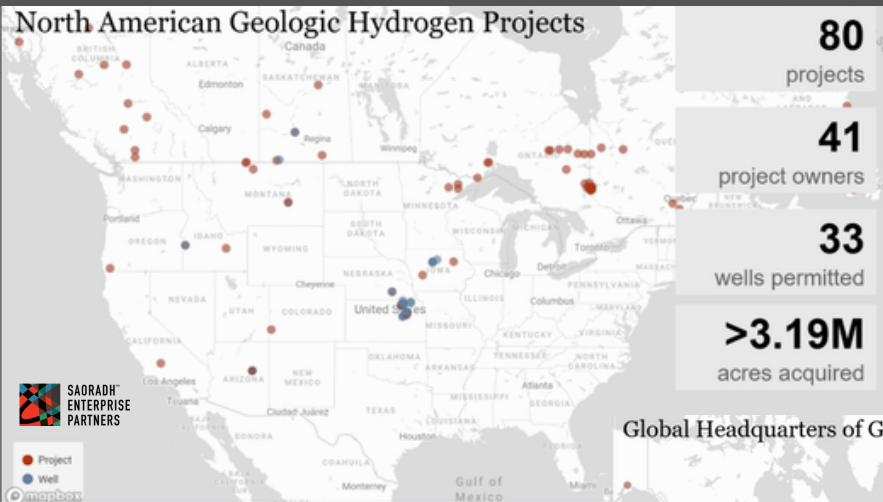
Data shown excludes factors with fewer than 2 occurrences.

# Monthly News Statistics / 今月のニュース統計

## News Count by State or Province / 州別ニュース数



## North American Geologic Hydrogen Tracker / 北米天然水素追跡ツール



## Analyst Note (April 1-30, 2026)

April brought significant developments across the North American hydrogen industry. Several of the month's most important stories centered on government funding, large-scale infrastructure, industrial decarbonization, and transportation applications. Additional news stories exposed persistent structural challenges around hydrogen delivery and supply chain gaps.

A major funding development from this month was the **U.S. Department of Energy's** decision to retain billions in funding for five regional clean hydrogen hubs. Of the \$7 billion allocated by the previous administration, nearly \$5B was retained for five of the US hydrogen hubs. This provided an important stabilizing signal for the domestic market. At a time when developers continue to face uncertainty around project economics and demand timing, the preservation of hub funding reinforces federal commitment to large-scale hydrogen deployment. At the same time, the **Ammonia Energy Association (AEA)** launched a global certification system in collaboration with MiQ. The certification framework is designed to facilitate transparent and trusted international trade in low-emission ammonia. This announcement reflects growing recognition that clean fuel markets will require standardized certification and traceability systems to support international trade and adoption. As ammonia increasingly emerges as a preferred hydrogen carrier and export product, certification frameworks are becoming critical infrastructure in their own right.

With grid infrastructure continuing to face strain from rapid AI deployment, many different industries, including hyperscalers, are turning to alternative fuels such as hydrogen to serve their energy needs. Both **Meta** and **Oracle** negotiated and expanded fuel cell contracts this month. **Meta** reserved 100 GWh of ultra-long-duration energy storage capacity from **Noon Energy** to provide continuous, reliable power for its next-generation AI data center infrastructure. **Oracle** expanded its supply agreement with **Bloom Energy Corporation** to 2.8 GW of fuel cell capacity. This is an increase of 1.6 GW from the initial 1.2 GW Oracle already had on order for integration into its AI and cloud infrastructure.

April saw continued momentum in large-scale hydrogen, ammonia, and methanol project development, particularly in North America.

**Plug Power** was selected to supply a 275 MW electrolyzer system for **Hy2gen's** decarbonized ammonium nitrate project in Québec, representing one of the larger electrolyzer deployment announcements in recent months. The project reinforces continued demand for industrial hydrogen applications tied to fertilizers and chemicals, where decarbonization pressure remains strong. **INEOS** announced that it is partnering with **Sandpiper Chemicals** on a \$1.7B blue methanol facility in Texas. INEOS will be a shareholder and an anchor customer for the produced methanol. **Transition Industries** broke ground on a \$3.3B blue and green methanol plant in Mexico. Together, these projects reinforce methanol's growing role as one of the most commercially actionable hydrogen derivatives, particularly in shipping, chemicals, and industrial fuel markets.

While methanol projects dominated the news this month, several hydrogen projects also took steps towards commercialization.

- **Aternium** selected **Kiewit** for the pre-FEED study for its first hydrogen/heavy water production facility.
- **Worley** won the FEED contract for the cogeneration component of chemical company **Dow's** flagship blue hydrogen-based chemicals complex in Alberta, Canada
- **Nel** secured a delayed 5 MW U.S. hydro-powered hydrogen project following a supplier switch
- **NewHydrogen** and **NuCube Energy** announced a strategic collaboration to explore the integration of NewHydrogen's hydrogen production technology with NuCube's compact solid-state fission reactor.

Geologic hydrogen continues to make progress in North America. **MAX Power Mining** completed drilling activities at its Bracken Well and finalized a high-resolution 3D seismic survey of other prospective drill sites within its Saskatchewan land parcels. **Renaissance Philanthropy's** Chimaera Fund announced that it selected hydrogen exploration companies **HyTerra** and **Helix Exploration**, as well as hydrogen storage company **Prometheus Hydrogen**, for a small-scale demonstration project with the U.S. Air Force to investigate the use of geologic hydrogen as an energy source for Air Force Bases. On the policy side, the Iowa State Senate approved legislation that would return revenue from geologic hydrogen exploration to the state and land owners. The legislation comes after several companies, including **Koloma**, began exploration efforts in the state.

Transportation developments this month reinforced hydrogen's continued relevance in sectors where energy density, operational flexibility, and refueling speed remain difficult for battery-electric systems to replicate. In Texas, **Hyroad Energy** and **Total Hydrogen Solutions** announced a commercial fueling agreement supporting hydrogen trucking infrastructure, reinforcing continued investment in regional heavy-duty freight corridors. Similarly, **Elemental Trucks** revealed a massive 63.5-tonne hydrogen fuel cell truck with a range of up to 1,000km.

Hydrogen aviation saw a number of novel developments this month. **Rolls-Royce** and **easyJet** successfully completed a 100% hydrogen aero-engine test at NASA's Stennis Space Center. **Hydroplane** was awarded a Phase 2 Small Business Innovative Research (SBIR) grant by the US Army to advance development of its hydrogen fuel cell electric propulsion system for helicopters and cargo drones. This comes after the successful completion of a Phase 1 grant.

Military and specialized mobility applications continued to emerge as particularly strong fits for hydrogen technologies:

- An unmanned hydrogen-powered submarine developed by **Cellula Robotics** successfully traveled 2,000 km underwater.
- **Kinetic7** began discussions with the U.S. military and the Department of Defense about the benefits of integrating its on-demand hydrogen generation system into national security applications.

While there has been significant forward motion in the hydrogen mobility space, road-blocks still remain for specific applications. California's hydrogen refueling disruptions remained one of the month's most revealing stories. The **Hydrogen Fuel Cell Partnership** reported that the state's 52-station refuelling network saw uptime fall to just above 40%. At one point, only 6 stations were online. The outages exposed how dependent hydrogen mobility adoption still is on a highly concentrated fueling network with limited redundancy, and highlights the continued challenges associated with widespread hydrogen adoption in consumer mobility markets.

April also saw a notable increase in strategic investment activity, partnerships, and portfolio repositioning across the hydrogen value chain, signaling a market that is beginning to consolidate around technologies and business segments viewed as commercially durable.

- Insurance giant **SCOR** announced that it was backing the Hidrogenii liquefied hydrogen plant being built in St. Gabriel, Louisiana. The project, a joint venture between **Plug Power** and **Olin Corporation**, demonstrates SCOR's commitment to incorporating ESG principles into its underwriting and insurance activities. Insurance and risk underwriting remain underappreciated constraints on hydrogen deployment, particularly for infrastructure and transport projects. **Clean Power Hydrogen** (CPH2) and **Koch Modular** announced they would be exploring licensing opportunities for CPH2's modular 100MW hydrogen production systems. This would enable Koch to commercialize the technology and sell it within North America. French train manufacturer **Alstom** acquired rail-focused hydrogen fuel cell activities from **Cummins** following Cummins' decision to exit new electrolyzer sales. While the move underscores the ongoing challenges facing portions of the electrolyzer market, it also highlights a continued commitment to hydrogen deployment in rail applications, where fuel cells remain one of the more viable decarbonization pathways for long-distance and non-electrified routes.
- The end of the month brought collaborations between Japan and Canada. Several Alberta agencies, including **Edmonton Region Hydrogen Hub** (ERHH), **Alberta's Industrial Heartland Association** (AIHA), and **Edmonton Global**, as well as **Kawasaki Heavy Industries** Ltd. (KHI) signed a memorandum of understanding to explore the potential for building a liquefied hydrogen supply chain between the two countries.

Overall, April's developments reinforced a hydrogen sector that continues to mature unevenly, with momentum increasingly concentrated in applications where hydrogen offers clear strategic or operational advantages. Rapid growth in AI-driven power demand and broader shifts in the energy landscape are creating new opportunities for hydrogen and fuel cell deployment, particularly in energy-intensive and reliability-focused markets. Large-scale industrial projects, methanol and ammonia production, and heavy-duty transportation and defense applications all continued to advance, while infrastructure limitations and supply chain gaps remain significant barriers to broader consumer mobility adoption. At the same time, the preservation of U.S. hydrogen hub funding provided an important vote of confidence for the sector, reinforcing that hydrogen continues to be viewed as a viable long-term pathway for industrial decarbonization, energy security, and emerging power demand needs.

#### アナリストノート（2026年4月1日～30日）

4月は、北米の水素産業全体で大きな進展が見られました。今月の主要な話題の多くが、政府の資金援助、大規模インフラ、産業部門の脱炭素化、および輸送分野での活用に集中しました。また、水素の輸送やサプライチェーンの課題といった、根深い構造的な問題を浮き彫りにするニュースも見受けられました。

今月の資金調達に関する大きな動きとして、**米国エネルギー省**が5つの地域クリーン水素ハブに対し、数十億ドルの資金提供を維持することを決定したことが挙げられます。前政権が割り当てた70億ドルのうち、約50億ドルが米国の5つの水素ハブのために確保されました。これは国内市場にとって、重要な安定化のシグナルとなりました。開発事業者がプロジェクトの採算性や需要のタイミングに関する不確実性に直面し続けている中、ハブへの資金提供が維持されたことは、大規模な水素事業展開に対する連邦政府の確固た

る姿勢を裏付けるものです。同時に、アンモニア・エネルギー協会（AEA）はMiQと協力し、グローバルな認証制度を立ち上げました。この認証枠組みは、低排出アンモニアの透明かつ信頼性の高い国際貿易を促進することを目的としています。この発表は、クリーン燃料市場の国際貿易の普及には、標準化された認証およびトレーサビリティ（追跡可能性）システムが必要であるという認識が高まっていることを反映しています。アンモニアが水素のキャリアおよび輸出製品としてますます注目を集める中、認証枠組み自体が不可欠なインフラとなりつつあります。

AIの急速な普及により電力網インフラへの負担が増大し続ける中、ハイパースケーラーを含む多くの業界が、エネルギー需要を満たすために水素などの代替燃料に目を向けています。今月、メタとオラクルはともに燃料電池に関する契約を交渉し、その規模を拡張しました。メタは、次世代AIデータセンターインフラ向けに継続的かつ信頼性の高い電力を確保するため、ヌーン・エナジー社から100GWhの超長時間エネルギー貯蔵容量を確保しました。オラクルは、ブルーム・エナジー社との供給契約を2.8GWの容量に拡大。これは、同社がAIおよびクラウドインフラ統合のためにすでに発注していた当初の1.2GWから、1.6GWの増量となります。

4月は、特に北米で大規模な水素、アンモニア、メタノールプロジェクトの進展が継続した勢いを見せました。

プラグ・パワーは、ケベック州でハイツージェンが推進する脱炭素硝酸アンモニウムプロジェクト向けに、275MWの電解装置を供給する企業として選定されました。これは、ここ数ヶ月で発表された電解装置導入案件の中でも最大規模の一つです。同プロジェクトは、脱炭素化の圧力が高まり続けている肥料・化学品分野における産業用水素への需要が引き続き堅調であることを示しています。INEOSは、テキサス州に17億ドル規模のブルーメタノール製造施設を建設するため、サンドパイパー・ケミカルズと提携すると発表しました。INEOSは同プロジェクトの株主となり、同時に生産されるメタノールの主要顧客となります。またトランジション・インダストリーズは、メキシコで33億ドル規模のブルー・グリーンメタノール製造プラントに着手しました。これらのプロジェクトは、特に海運、化学、産業用燃料市場において、メタノールが最も実用性の高い水素派生製品の一つとして果たす役割が拡大していることを物語っています。

今月はメタノール関連のプロジェクトがニュースを賑わせた一方で、いくつかの水素関連のプロジェクトも商業化に向けた歩みを進めています。

- アテルニウムは、同社初の水素・重水製造施設の基本設計前調査（pre-FEED）にキーウィット社を選定しました。
- ワーリーは、化学会社ダウがカナダのアルバータ州に建設するブルー水素を基盤とした主力化学コンビナートのコージェネレーション部門のFEED契約を獲得しました。

- ネルは、業者変更を経て、遅延していた米国での5MW規模の水素発電水素プロジェクトの受注を確保しました。
- ニューハイドロジェンの水素製造技術とニューキューブ・エナジーの小型固体核分裂炉の統合を模索するため、両社は戦略的提携を発表しました。

北米では、天然水素の開発が着実に進展しています。マックス・パワー・マイニングは、同社のブラックン井における掘削作業を完了し、サスカチュワン州の保有地内にあるその他の有望な掘削候補地について、高解像度の3D地震探査を完了しました。ルネサンス・フィランソロピーのキメラ・ファンドは、米国空軍との共同による小規模実証プロジェクトにおいて、水素探査企業のハイテラとヘリックス・エクスプロレーション、および水素貯蔵企業のプロメテウス・ハイドロジェンを選定したと発表しました。このプロジェクトは、空軍基地のエネルギー源としての天然水素の利用可能性を調査することを目的としています。政策面では、アイオワ州上院が、地中水素探査による収益を州および土地所有者に還元する法案を可決しました。この法案は、コロマを含む複数の企業が同州で探査活動を開始したことを受けて提出されたものです。

今月の輸送分野における動向は、エネルギー密度、運用上の柔軟性、および充填速度の面で、バッテリー式電気システムでは依然として再現が困難な分野において、水素が引き続き重要な役割を果たしていることを示しました。テキサス州では、ハイロード・エナジーとトータル・ハイドロジェン・ソリューションズが、水素トラック用インフラを支援する商用燃料供給契約を締結し、同地域の大型貨物輸送ルートへの継続的な投資を強化しました。また、エレメンタル・トラックスは、航続距離最大1,000kmの大型63.5トン級水素燃料電池トラックを発表しました。

今月、水素航空分野でもいくつかの画期的な進展が見られました。ロールス・ロイスとイージージェットは、NASAのステニス宇宙センターにおいて、100%水素燃料を使用した航空エンジンの試験を成功裏に完了しました。また、ハイドロプレーンは、ヘリコプターおよび貨物ドローン向けの水素燃料電池電気推進システムの開発を推進するため、米国陸軍から中小企業革新研究（SBIR）第2フェーズ助成金を獲得。これは、第1フェーズの助成金を成功裏に完了したことに続く成果です。

水素技術は、軍事分野や特殊なモビリティ用途において、特に適した技術として引き続き注目を集めています。

- セルラ・ロボティクスが開発した水素動力無人潜水艦が、水中で2,000kmの航行に成功しました。
- キネティック7は、同社のオンデマンド水素生成システムを国家安全保障分野に応用することの利点について、米軍および国防総省と協議を開始しました。

水素モビリティ分野では大きな進展が見られる一方で、特定の用途においては依然として課題が残っています。カリフォルニア州における水素燃料供給の混乱は、今月最も注目すべきニュースの一つでした。水素燃料電池パートナーシップの報告によると、同州の52カ所の水素ステーションからなる供給ネットワーク

クの稼働率が40%強にまで低下し、稼働ステーションが一時わずか6カ所にまで減少しました。今回の停止事態は、水素モビリティの普及がいまだに冗長性の欠如した、極めて集中した供給ネットワークに依存している実態を露呈するとともに、消費者向けモビリティ市場における水素の広範な普及に伴う課題が依然として残っていることを示しています。

4月には、水素バリューチェーン全体において、戦略的投資活動、提携、ポートフォリオの再編が著しく増加し、商業的に持続可能と見なされる技術や事業分野を中心に市場が統合され始めていることをうかがわせました。

- 保険大手の**SCOR**は、ルイジアナ州セント・ガブリエルに建設中のハイドロジェニー液化水素プラントを支援すると発表しました。**プラグ・パワー**と**オリン・コーポレーション**による合併事業であるこのプロジェクトは、SCORが引受および保険業務にESG原則を取り入れるという姿勢を示すものです。保険およびリスク引受は、特にインフラや輸送プロジェクトにおいて、水素導入の進展を阻む要因として依然として過小評価されています。**クリーン・パワー・ハイドロジェン (CPH2)** と**コック・モジュラー**は、CPH2のモジュール式100MW水素製造システムのライセンス供与の可能性について検討していくことを発表。これにより、コック・モジュラーは同技術を商用化し、北米地域で販売することが可能となります。フランスの鉄道車両メーカーである**アルストム**は、**カミンズ**が新規電解装置の販売から撤退することを決定したことを受け、カミンズから鉄道向け水素燃料電池事業を買収しました。この動きは、電解装置市場の一部が直面している継続的な課題を映し出す一方で、鉄道分野における水素導入への継続的な取り組みも示しています。長距離路線や非電化路線において、燃料電池が依然として最も現実的な脱炭素化への道筋の一つとなっています。
- 今月末、日本とカナダの間で協力関係が構築されました。**エドモントン地域水素ハブ**、**アルバータ・インダストリアル・ハートランド協会**、**エドモントン・グローバル**といったアルバータ州の複数の機関と、**川崎重工業**が、両国間の液化水素サプライチェーン構築の可能性を検討するための覚書を締結しました。

全体として、4月の動向は、水素分野が依然として不均一に成熟しつつあることを裏付けるものであり、水素が明確な戦略的または運用上の優位性をもたらす用途において、その勢いがますます集中しています。AIによる電力需要の急増やエネルギー情勢の広範な変化は、特にエネルギー集約型で信頼性が重視される市場において、水素および燃料電池の導入に向けた新たな機会を生み出しています。大規模な産業プロジェクト、メタノールおよびアンモニアの生産、大型輸送や防衛分野での利用はいずれも進展を続けた一方で、インフラの制約やサプライチェーンの断絶は、一般消費者による水素モビリティの普及にとって依然として大きな障壁となっています。一方で、米国の水素ハブへの資金支援が維持されたことは、この分野に対する重要な信頼の証となり、水素が産業の脱炭素化、エネルギー安全保障、そして新興する電力需要への対応に向けた、実現可能な長期的な道筋として引き続き認識されていることを裏付けました。

## Policies / 政策

April 1-30, 2026

### **4/27/2026 - AEA launches global Ammonia Certification System with MiQ to accelerate the adoption of clean ammonia**

**2026年4月27日 AEA、MiQと共同でクリーンアンモニアの普及推進のため、世界規模のアンモニア認証制度を始動**

The Ammonia Energy Association (AEA) has partnered with MiQ to launch the AEA Ammonia Certification System, a global certification system designed to facilitate the transparent, trusted international trade of low-emission ammonia. The AEA Ammonia Certification System is a voluntary system open to all entities in the ammonia value chain. It supports alignment across regions and sectors, allowing producers, traders, and consumers to demonstrate key environmental attributes—namely carbon footprint and origin—using independently verified data. [Full Story](#)

### **4/16/2026 - Trump List of Saved Projects Spares \$5 Billion Hydrogen Hubs**

**2026年4月16日 トランプ政権、50億ドル規模の水素ハブ予算を維持対象に**

The Trump administration plans to preserve billions of dollars in funding for hydrogen ventures and other projects previously earmarked for termination. An Energy Department list that includes proposals backed by oil companies, utilities and others was provided to House Appropriations Committee members Wednesday and details roughly 2,000 funding awards the agency plans to “retain or modify.” [Full Story](#)

### **4/16/2026 - Iowa Senate passes bill setting tax, regulations on hydrogen extraction**

**2026年4月16日 アイオワ州上院、水素掘削に関する税制・規制法案を可決**

The Senate approved legislation Thursday aimed at regulating oil and gas drilling amid discussions on the potential for starting to extract geological hydrogen in Iowa. Senate File 2490 comes as several companies, including Koloma, have started exploratory efforts to determine if geological hydrogen, a potential source for fuel and domestically produced fertilizer, can be extracted from Iowa hydrogen-producing rocks in large geological formations around the state.

[Full Story](#)

# Projects / プロジェクト

April 1-30, 2026

## 4/30/2026 - INEOS and Sandpiper to develop \$1.7bn blue methanol plant in Texas City

2026年4月30日 INEOSとサンドパイパー、テキサスシティに17億ドル規模のブルーメタノール工場建設へ

British specialty chemical manufacturer INEOS Acetyls (INEOS) and Houston-based chemical company Sandpiper Chemicals (Sandpiper) have partnered to build one of the US's first large-scale blue methanol production facilities at INEOS' Texas City site. The project represents a total investment of approximately \$1.7bn and is expected to produce around 1.1 million metric tons per annum (mtpa) of low-carbon – or blue – methanol, with first output targeted for 2030. The site is expected to enter the front-end engineering and design (FEED) phase in Q2 2026 and will leverage existing petrochemical infrastructure and port access. [Full Story](#)

## 4/29/2026 - Worley wins Dow Path2Zero FEED contract

2026年4月29日 ウォーリー、ダウのパスツーゼロ・プロジェクトのFEED契約を獲得

Australian project management firm Worley has signed an engineering contract to deliver FEED services for the cogeneration component of chemical company Dow's flagship blue hydrogen-based chemicals complex in Fort Saskatchewan, Alberta, Canada. Under the engineering, procurement, and construction management deal, Worley will deliver a brownfield cogeneration facility with integrated post-combustion carbon capture for the Path2Zero project. Dow and Worley expect the facility to be operational by the end of 2030. [Full Story](#)

## 4/29/2026 - Mexico's \$3.3B Mexinol Project Signals Shift Toward Low-Carbon Methanol Production

2026年4月29日 メキシコの33億ドル規模のメキシノール・プロジェクト、低炭素メタノール生産への転換示唆

The Pacifico Mexinol project in Mexico has entered its pre-construction phase, positioning itself as one of the largest planned facilities for blue and ultra-low carbon methanol with an expected combined output of 2.15 million metric tonnes annually. Led by Transition Industries, the project represents an investment exceeding \$3.3 billion and is designed to integrate conventional natural gas-based methanol production with emissions reduction strategies, including carbon management and the use of green hydrogen. The project's planned capacity includes approximately 1.8 million metric tonnes of blue methanol and 350,000 metric tonnes of ultra-low carbon methanol. [Full Story](#)

## 4/23/2026 - Nel wins delayed 5MW U.S. hydro-powered hydrogen project after supplier switch

2026年4月23日 ネル、業者変更を経て延期されていた米国の5MWの水力発電水素プロジェクトを受注

A Washington state utility will use Nel PEM electrolyzers to help balance hydroelectric generation in a 5MW green hydrogen project, following prolonged delays from its previous supplier Cummins. It marks a reset for a project that has faced multi-year delays. The electrolyser will use hydropower to balance generation during periods of excess power output.

# Projects / プロジェクト

April 1-30, 2026

This could reduce mechanical ramping at the project, lowering wear and maintenance costs at the facility. [Full Story](#)

## **4/22/2026 - Noon Energy and Meta Plan up to 1GW of 100+ Hour Energy Storage Using Solid Oxide Fuel Cell Systems**

**2026年4月22日** ノーン・エナジーとメタ、固体酸化物形燃料電池システムを用いた100時間以上の蓄電能力を持つ最大1GW規模のエネルギー貯蔵システムを計画

Meta reserves 100 GWh of ultra-long-duration energy storage capacity from Noon Energy to provide continuous reliable power for its next-generation AI data center infrastructure. The agreement aligns with Meta's drive to accelerate the next generation of AI infrastructure using resources like Noon's storage technology to unlock reliable energy supply from quick-to-build renewable generation. It also underscores the promise of Noon's ultra-long duration energy storage for hyperscale applications. [Full Story](#)

## **4/20/2026 - Renaissance Philanthropy Selects Initial Partners in Air Force Geologic Hydrogen Energy Resilience Initiative**

**2026年4月20日** ルネッサンス・フィランソロピー、米国空軍天然水素エネルギーレジリエンス計画の初期パートナーを選定

Renaissance Philanthropy's Chimaera Fund announced that it has selected two commercial geologic hydrogen exploration companies and one hydrogen storage company to serve as primary performers for a small-scale demonstration. The results of this demonstration will inform the Department of the Air Force's techno-economic assessment of geologic hydrogen potential near Air Force Bases (AFBs), including but not limited to Malmstrom AFB in Montana and McConnell AFB in Kansas. [Full Story](#)

## **4/16/2026 - Fuel Cell Capacity Growth: Bloom Energy's Expanded Deal with Oracle**

**2026年4月16日** 燃料電池の生産能力拡大。ブルーム・エナジー、オラクルとの契約を拡大

Bloom Energy Corporation just sealed an expanded supply agreement that could redefine how tech giants juice up their powerhouse computing rigs. In this latest Bloom Energy Oracle deal, Bloom will ship up to 2.8 gigawatts of fuel cell capacity to Oracle Corporation, turbocharging Oracle's AI data center power and raising the bar for sustainable uptime. [Full Story](#)

## **4/08/2026 - Aternium™ Selects Kiewit for the Pre-FEED Study for Its First Hydrogen/Heavy Water Production Facility**

**2026年4月8日** - アテルニウム™、初の水素・重水製造施設に向けたPre-FEED（基本設計前調査）の実施業者としてキーウィットを選定

Aternium, a producer and developer of heavy water and clean hydrogen, announced it has selected Kiewit Engineering Group Inc. to perform the pre-FEED for its initial heavy water/hydrogen production facility, the first of a multi-plant project. Aternium's multi plant initiative encompasses approximately \$1 billion in safe, high efficiency heavy water/hydrogen infrastructure, launching in the Mid Atlantic region. [Full Story](#)

# Projects / プロジェクト

April 1-30, 2026

## 4/02/2026 - MAX Power Advances Basin-Scale Discovery Potential with Multi-Zone Natural Hydrogen and Helium Intervals at Bracken

2026年4月2日 マックス・パワー、ブラッケン鉱区で複数の帯域にわたり天然水素およびヘリウムの層を確認、盆地規模での発見の可能性をさらに高める

MAX Power Mining Corp. is pleased to report a series of new milestones that significantly expand the scale and commercial potential of its Natural Hydrogen portfolio in Saskatchewan, highlighted by the successful drilling of the Bracken Well, the completion of a high-resolution 3D seismic survey covering the Lawson Discovery and a broad area surrounding the 15-19 discovery well, and the identification of a new Lawson “look-a-like” target just 12 km southwest of the original discovery based on a further review of legacy 2D seismic data. [Full Story](#)

## 4/02/2026 - Plug Power Selected to Supply a 275 MW GenEco Electrolyzer System for Hy2gen’s Courant Decarbonized Ammonium Nitrate Project in Baie-Comeau, Québec, Canada

2026年4月2日 プラグ・パワー、カナダケベック州ベー・コモーにあるハイツージェンのクーラント脱炭素硝酸アンモニウムプロジェクト向け275MWのGenEco電解槽システムの供給業者を選定

Plug Power Inc., a global leader in comprehensive hydrogen solutions, today announced it has been awarded the Front-End Engineering Design (FEED) contract to supply a 275 MW GenEco PEM electrolyzer system for Hy2gen Canada Inc.’s “Courant” project. The system represents one of the largest electrolyzer project awards to Plug to date, underscoring the company’s leadership in delivering superior hydrogen technology on a global scale. Hy2gen is developing the Courant project as one of North America’s largest decarbonized ammonium nitrate facilities, supporting the mining industry’s goals in Québec, Central and Eastern Canada, and beyond.

[Full Story](#)

# Mobility/Transportation / モビリティ / 輸送

April 1-30, 2026

## 4/29/2026 - easyJet and Rolls-Royce complete successful 100% hydrogen aero engine test, advancing sustainable flight technology

2026年4月29日 イージージェットとロールス・ロイス、100%水素航空エンジンの試験に成功 持続可能な航空技術の進展を推進

easyJet and Rolls-Royce announced the successful completion of a major testing milestone using hydrogen as an aviation fuel, marking a significant step in efforts to reduce aviation emissions. In an industry first, the companies tested a modified Rolls-Royce Pearl 15 aircraft engine reaching full take off power while running on 100% hydrogen, at NASA’s Stennis Space Center, near Bay St. Louis Mississippi. [Full Story](#)

## **4/28/2026 - Hyroad Energy and Total Hydrogen Solutions Announce Commercial Fueling Agreement to Support Hydrogen Trucking in Texas**

**2026年4月28日** ハイロード・エナジーとトータル・ハイドロジェン・ソリューションズ、テキサス州での水素トラック輸送支援に向け商用燃料供給契約を締結

Hyroad Energy, a pioneer in hydrogen-powered transportation solutions, today announced a commercial fueling agreement with Total Hydrogen Solutions (THS), a division of Pneumatic & Hydraulic Company LLC, to support the development and operation of a new hydrogen refueling station (HRS) in Katy, Texas. As part of the agreement, Hyroad has signed an offtake agreement for the station's full capacity to meet the growing fueling needs of its fleet customers in Texas.

[Full Story](#)

## **4/24/2026 - Canada's Elemental Trucks reveals 63.5-tonne hydrogen fuel cell truck**

**2026年4月24日** カナダのエレメンタル・トラックス、63.5トンの水素燃料電池トラックを発表

Canadian zero-emissions vehicle manufacturer Elemental Trucks (ETI) has unveiled a huge 63.5-tonne hydrogen fuel cell truck with up to 1,000km of range. According to the firm, it will be the first commercially available hydrogen fuel cell truck of its size in North America, with its payload capacity and range comparable to diesel trucks. The truck uses 360kW of fuel cell power and can carry up to 110kg of hydrogen fuel. Elemental did not name the fuel cell supplier for the truck but told H2 View “most” of its systems are “off-the-shelf” with the fuel cell coming from a “supplier in production.” [Full Story](#)

## **4/24/2026 - Unmanned hydrogen fuel cell-powered submarine travels 2,000km underwater**

**2026年4月24日** 水素燃料電池を搭載した無人潜水艦、水中2,000kmを航行

Canada-based marine technology firm Cellula Robotics has completed over 2,000km of submerged operation of its hydrogen fuel cell-powered autonomous underwater vehicle (AUV). At 8.5 metres and 3.7 tonnes, the AUV—named Envoy—can operate at up to 2,000 metres depth, powered by a 1.2MW hydrogen fuel cell developed with Infinity Fuel Cell and Hydrogen. In a 385-hour test mission, it performed over 4,000 manoeuvres, tracing a profile simulating real-world operation. [Full Story](#)

## **4/20/2026 - California hydrogen disruption lays bare mobility supply chain fragility**

**2026年4月20日** カリフォルニア州の水素供給の停滞、モビリティ分野でのサプライチェーンの脆弱性を露呈

California's recent hydrogen refuelling disruption has exposed critical vulnerabilities in the state's mobility model. Since late February, fuel cell electric vehicle (FCEV) drivers have struggled to refuel amid disruptions in gaseous supply. In March, the state's 52-station refuelling network saw uptime fall to just above 40%, and at times, only a handful of sites remained operational. In April, the trade body the Hydrogen Fuel Cell Partnership (H2FCP) warned the pinch could drag on.

[Full Story](#)

# Mobility/Transportation / モビリティ / 輸送

April 1-30, 2026

## 4/07/2026 - Hydroplane Awarded Phase 2 SBIR Contract to Advance Hydrogen Fuel Cell Electric Propulsion for Army Aviation

2026年4月7日 ハイドロプレーン、陸軍航空部隊向け水素燃料電池電気推力システムの開発を推進するSBIRフェーズ2契約を獲得

Hydroplane today announced it has been awarded a Phase 2 Small Business Innovation Research (SBIR) contract by the U.S. Army to advance development of its hydrogen fuel cell electric propulsion system for helicopters and cargo drones. Building on its success as a winner of the U.S. Army xTech 8 program and the successful completion of its Phase 1 SBIR contract, Hydroplane is positioned to deliver next-generation propulsion solutions for Army aviation and unmanned cargo platforms. [Full Story](#)

# Technology/Research / 技術/研究

April 1-30, 2026

## 4/28/2026 - NewHydrogen Announces Strategic Collaboration with NuCube Energy to Explore Nuclear-Powered Clean Hydrogen Production

2026年4月28日 ニューハイドロジェン、原子力発電によるクリーン水素生産の検討に向け、ニューキューブ・エナジーとの戦略的提携を発表

NewHydrogen, Inc., the developer of ThermoLoop™, a breakthrough technology that uses water and heat instead of electricity to produce the world's cheapest clean hydrogen, and NuCube Energy, Inc., an advanced nuclear technology company developing the NuSun™ high-temperature microreactor platform today announced a strategic collaboration to explore the integration of their respective clean energy technologies. [Full Story](#)

## 4/28/2026 - KINETIC7 Develops Dynamic Energy Solution for U.S. Military and Dod Capability

2026年4月28日 キネティック7、米軍・国防総省向けの革新的なエネルギーソリューションを開発

While the world debates and procrastinates on how to produce and use sustainable hydrogen gas safely, Kinetic7 has achieved a global breakthrough in developing and safely producing hydrogen gas on demand. KINETIC7, the disruptive deep tech company founded by Australian entrepreneur and philanthropist Rick Parish, has confirmed that it has begun discussions with key members of Capitol Hill and the defence ecosystem about the benefits of integrating Kinetic7's proprietary technology into the U.S. defence and federal markets. [Full Story](#)

# Technology/Research / 技術/研究

April 1-30, 2026

## 4/23/2026 - Canada-Japan hydrogen collaboration launches

2026年4月23日 カナダと日本の水素分野における連携がスタート

Edmonton Region Hydrogen Hub (ERHH), Alberta's Industrial Heartland Association (AIHA), Edmonton Global, and Kawasaki Heavy Industries Ltd. (KHI) have signed a memorandum of understanding (MoU) at the international exhibition 'Canadian Hydrogen Convention 2026' held in Edmonton, Canada, to explore the potential for building a liquefied hydrogen supply chain.

[Full Story](#)

# Investments, Mergers, Acquisitions / 投資、合併、買

April 1-30, 2026

## 4/07/2026 - CPH2 explores 100MW license deal in North America

2026年4月7日 CPH2、北米で100MW規模のライセンス契約を模索

UK-based membrane-less electrolyser firm Clean Power Hydrogen (CPH2) could allow a U.S. firm to produce up to 100MW of its hydrogen production systems for sale in North America. CPH2 signed a 24-month memorandum of understanding (MOU) with engineering consultant Koch Modular to assess commercialising CPH2's hydrogen production technology in Mexico, the US, and Canada. [Full Story](#)

## 4/07/2026 - Alstom takes over Cummins' rail fuel cell activities after electrolyser exit

2026年4月7日 アルストム、カミンズの電解装置事業からの撤退を受け、同社の鉄道用燃料電池事業を継承

French train manufacturer Alstom has acquired rail-related hydrogen fuel cell activities from US-based Cummins after the firm announced a cessation of new sales for its electrolyser technologies. Alstom said the unvalued deal included engineering, product, and support capabilities used in its existing hydrogen train fleets. [Full Story](#)

## 4/01/2026 - Insurance Giant SCOR Expands Into Hydrogen

2026年4月1日 - 保険大手SCOR、水素事業への参画を拡大

SCOR is strongly committed to advancing energy growth and transition, integrating Environmental, Social, and Governance (ESG) principles into its underwriting and investment activities. As a longstanding participant of the United Nations Global Compact and a founding signatory of the Principles for Sustainable Insurance, SCOR actively backs innovative low carbon projects, such as the new Hidrogenii liquefied hydrogen plant in St Gabriel, Louisiana. This project, which produces domestically sourced green hydrogen for mobility, power, and industrial applications, reflects SCOR's broader strategy to support emerging clean energy technologies and help drive a more sustainable future. [Full Story](#)