

NORTH AMERICAN H2 NEWS BRIEF

北米水素業界ニュース概要



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JUNE 1-30, 2026

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

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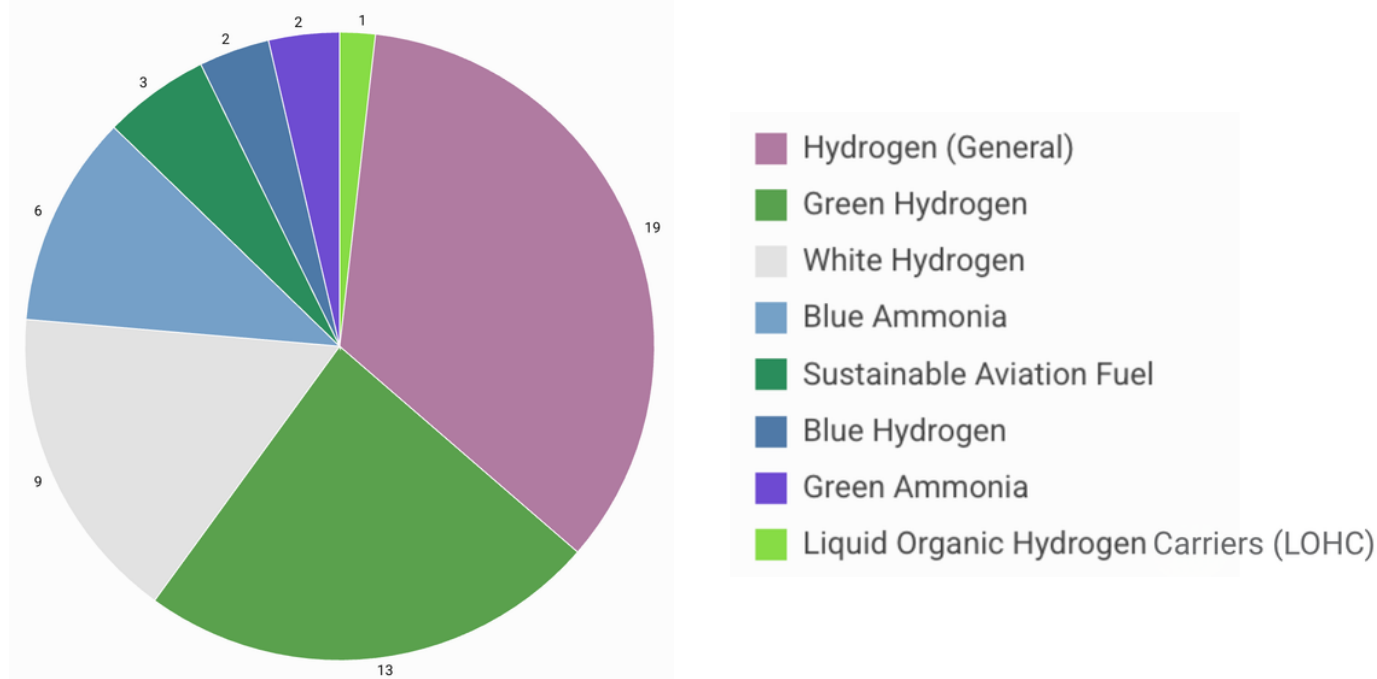
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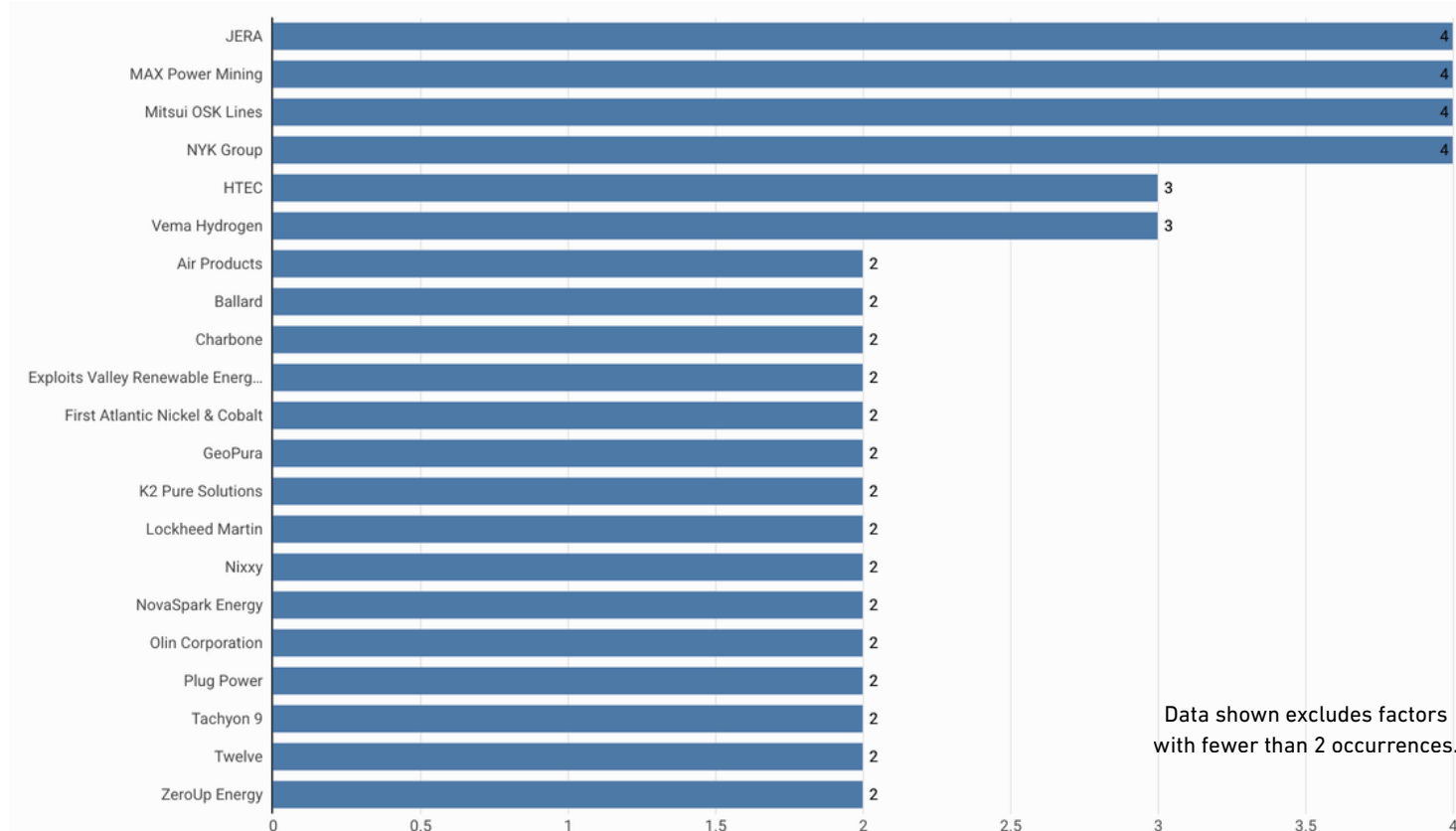
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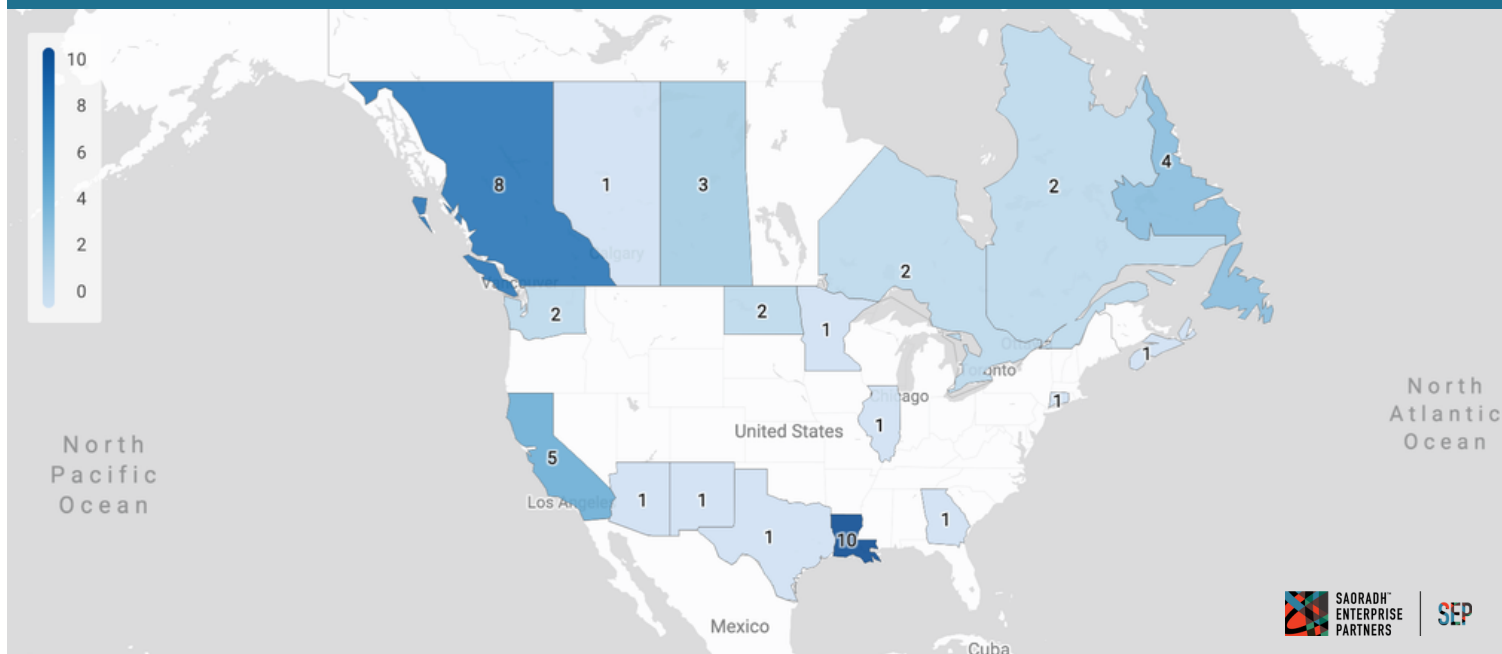


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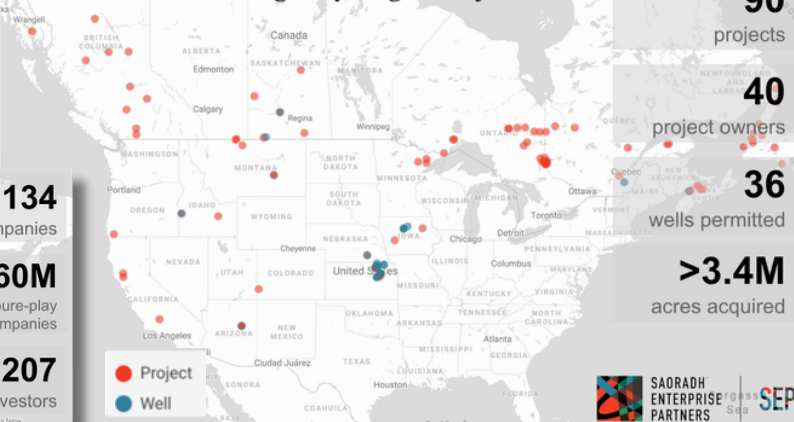


North American Geologic Hydrogen Tracker / 北米天然水素追跡ツール

North American Hydrogen and Helium Occurrences >18,800 occurrences



North American Geologic Hydrogen Projects



Global Headquarters of Geologic Hydrogen Companies



SEP Analyst Notes / SEPアナリスト解説

Analyst Note (June 1-30, 2026)

June showcased a hydrogen market that continues to mature, with project quality and viability becoming more important than large production volumes. North America recorded notable progress across the hydrogen, ammonia, and sustainable fuels segments. However, the month was equally defined by continued capital discipline and the ongoing effects of prior policy decisions. A number of projects advanced through permitting, logistics, and commercialization milestones, while others were delayed or cancelled as developers and investors placed greater weight on economic viability, secured financing, and confirmed offtake agreements.

Policy activity was limited in June. The most notable development came from **Plug Power**, which completed the transfer of roughly \$44 million in federal investment tax credits tied to its hydrogen liquefaction facility in St. Gabriel, Louisiana. The transaction introduced no new policy, but it shows existing federal incentives still provide real financial support and liquidity for developers. In Canada, **Element One** submitted policy recommendations to the Government of British Columbia as part of the province's Hydrogen Strategy review, focused on a competitive regulatory framework for natural hydrogen development.

Project activity continued to generate the strongest momentum throughout the month, with many projects completing necessary permitting, securing supply agreements, and beginning operations. Eastern Canada, in particular, saw several important developments. In Newfoundland and Labrador, **Exploits Valley Renewable Energy Corporation (EVREC)** filed the Environmental Impact Statement (EIS) for its proposed wind-to-hydrogen and ammonia project. At full capacity, the project is expected to produce approximately 180,000 tonnes of renewable hydrogen, equivalent to one million tonnes of renewable ammonia annually. In the same province, **North Atlantic Refining** received conditional environmental approval for its liquid organic hydrogen carrier (LOHC) export project, representing another important step toward establishing Atlantic Canada as a hydrogen export hub. Beyond these key permitting announcements, there were several other notable project updates across North America.

- **JERA** finalized agreements for four ammonia carriers to support the Blue Point Project in Louisiana.
- **Twelve** officially began operations at AirPlant One in Washington, producing sustainable aviation fuel (e-SAF) and synthetic naphtha from captured carbon dioxide and green hydrogen.
- **CHARBONE** secured a long-term hydrogen supply agreement with Hone Inc. to support mobile hydrogen power solutions for the film and television industry.
- **NovaSpark Energy** announced a \$30 million expansion of its atmospheric hydrogen generator manufacturing operations in Louisiana to meet increasing demand for defense and distributed energy applications.
- **Nixxy and Tachyon 9** unveiled plans for a \$1 billion AI data campus in North Dakota designed around hydrogen-powered generation and low-water cooling technologies, illustrating growing interest in hydrogen as a source of reliable power for energy-intensive digital infrastructure.

The most consequential story this month, however, contrasted sharply with the strong momentum seen across other project developments. **Air Products** announced the cancellation of its planned 1,700 tonne-per-day blue hydrogen project in Louisiana, resulting in a \$2.9 billion write-down. The decision serves as one of the clearest

indicators that developers are placing greater emphasis on project economics, capital efficiency, and execution certainty as the hydrogen market matures.

Geologic hydrogen remains a key growth driver, particularly in Canada. **MAX Power Mining** confirmed North America's first subsurface natural hydrogen system at its Lawson Project in Saskatchewan before announcing the identification of multiple additional hydrogen and helium exploration zones elsewhere in the province. Separately, **Vema Hydrogen** and **First Atlantic Nickel & Cobalt** announced plans to jointly develop engineered mineral hydrogen in Newfoundland by integrating hydrogen production with critical mineral development. Together, these announcements reinforce Canada's position as a leading jurisdiction for natural hydrogen exploration and point to growing interest in pairing hydrogen production with existing mining operations.

The transportation sector along the West Coast displayed strong signals of growth, particularly for heavy-duty and commercial hydrogen mobility. **HTEC** opened Canada's first commercial 700-bar heavy-duty hydrogen refueling station in British Columbia. In California, **Fastech** and **Bosch Rexroth** announced plans to construct what is expected to become the world's largest hydrogen refueling station dedicated to transit buses, capable of serving a fleet of 175 fuel cell electric buses. The project introduces advanced liquid hydrogen cryopump technology designed to reduce boil-off losses while improving fueling efficiency.

Sustainable aviation fuels also continued to gain commercial momentum. **American Airlines** and **Google** announced a book-and-claim agreement for sustainable aviation fuel, demonstrating continued corporate demand for low-carbon aviation fuels even as physical supply remains constrained. Together with Twelve's commercial e-fuels facility, these announcements reinforce the growing importance of hydrogen-derived fuels in hard-to-abate sectors.

Investment activity during June reflected increasing strategic focus across the hydrogen industry. **Ballard Power Systems** announced its acquisition of UK-based GeoPura for £275 million, transforming the company from a fuel cell manufacturer into a more integrated hydrogen power solutions provider. Meanwhile, **MAX Power Mining** completed the sale of its lithium assets to focus exclusively on natural hydrogen exploration in Saskatchewan, illustrating growing investor confidence in geologic hydrogen as a standalone market opportunity.

Research and technology announcements continued to focus on reducing costs and improving commercialization pathways.

- **ARPA-E** selected quantum computing company **Phasecraft** to develop next-generation hydrogen catalyst designs capable of significantly reducing iridium usage, one of the industry's most expensive material inputs.
- Researchers at the University of California, Riverside began testing a hydrogen combustion engine technology for commercial transportation applications. The van, a **Fiat Ducato** retrofitted by the French company **Phinia**, is being evaluated for its performance, emissions characteristics, and overall operation.

June's low-carbon news stories paint an optimistic picture for much of the industry, but also demonstrate the challenges still faced by large-scale projects, particularly within the United States.

Opportunities

- Natural hydrogen is emerging as one of the industry's fastest-growing investment and exploration segments.

- Sustainable aviation fuel and ammonia sectors show promise as low-carbon alternatives to intensive industries such as aviation and shipping.
- Heavy-duty transportation, distributed power generation, and industrial applications demonstrate the strongest near-term demand for hydrogen technologies.
- Canada, particularly Newfoundland and Saskatchewan, continues to strengthen its position as a leading jurisdiction for hydrogen production and natural hydrogen development.

Challenges

- Large-scale hydrogen projects face increasing financial scrutiny, with capital discipline becoming a defining characteristic of the market.
- Infrastructure development remains dependent on continued investment in transportation, storage, and export logistics.
- Commercial success relies on securing long-term offtake agreements, competitive project economics, and supportive policy frameworks.

アナリストノート(2026年6月1日～6月30日)

6月は水素市場が成熟を続けていることが示され、生産量よりもプロジェクトの質や実現可能性がより重要視されるようになりました。北米では、水素、アンモニア、持続可能な燃料の各分野で著しい進展が見られた一方で、引き続き厳格な資本規律が行われ、過去の政策決定による影響が依然として続いているという月でもありました。多くのプロジェクトが、許認可、物流、商業化の各段階において進展を見せたものの、開発業者や投資家が経済的な実現可能性をより重視し、資金調達の確保や引取契約の確定に注力した結果、一部のプロジェクトは延期または中止となりました。

6月の政策関連の動きは限定的でした。最も注目されたのは、プラグ・パワーがルイジアナ州セントガブリエルにある水素液化施設に関連する約4,400万ドルの連邦投資税額控除(ITC)の譲渡を完了したことでしょう。この取引によって新たな政策が導入されたわけではありませんが、既存の連邦税制優遇措置が依然として開発業者に対して実質的な財政的支援と流動性をもたらしていることを示しています。カナダでは、エレメント・ワンが、ブリティッシュコロンビア州の水素戦略見直しの一環として、同州政府に対し天然水素開発に向けた競争力のある規制枠組みに焦点を当てた政策提言を提出しました。

今月もプロジェクト活動が最も力強い勢いを維持し、多くのプロジェクトで必要な許認可の取得、供給契約の締結、そして操業開始が達成されました。特にカナダ東部では、いくつかの重要な進展が見られました。ニューファンドランド・ラブラドル州では、エクスプロイツ・バレー・リニューアブル・エナジー・コーポレーション(**EVREC**)が、計画中の風力発電による水素・アンモニア製造プロジェクトに関する環境影響評価書(EIS)を提出しました。このプロジェクトがフル稼働すると、年間約18万トンの再生可能水素を生産する見込みであり、これは100万トンの再生可能アンモニアに相当します。同州では、ノース・アトランティック・リファイニングが、液体有機水素キャリア(**LOHC**)の輸出プロジェクトについて条件付きで環境承認を取得しました。これは、カナダ大西洋岸地域を水素輸出拠点として確立するための重要な一歩です。こうした主要な許可に関する発表に加え、北米各地で他にも注目すべきプロジェクトの進捗情報がありました。

- **JERA**は、ルイジアナ州のブルー・ポイント・プロジェクトを支援するため、アンモニア運搬船4隻に関する契約を締結しました。

- トウエルブは、ワシントン州のエアプラント・ワンで正式に操業を開始し、回収した二酸化炭素とグリーン水素から、持続可能な航空燃料(e-SAF)および合成ナフサを生産しています。
- シャルボーンは、映画・テレビ業界向けの移動式水素発電ソリューションを支援するため、ホーン社と長期の水素供給契約を締結しました。
- ノバスパーク・エナジーは、防衛・分散型エネルギー分野での需要拡大に対応するため、ルイジアナ州で大気水素発生装置の製造拠点を3,000万ドルを投じて拡張すると発表しました。
- ニクシーとタキオン⁹は、水素発電と節水型冷却技術を基盤として設計された、ノースダコタ州に建設予定の10億ドル規模のAIデータキャンパス計画を発表しました。これは、エネルギー集約型のデジタルインフラにとって、水素が信頼性の高い電源として注目を集めていることを示しています。

しかし今月最も影響力の大きかったニュースは、これら他のプロジェクト開発に見られた力強い勢いとは対照的なものでした。エア・プロダクツは、ルイジアナ州で計画していた1日あたり1,700トンのブルー水素プロジェクトの中止を発表し、29億ドルの減損損失を計上しました。この決定は、水素市場が成熟するにつれ、開発業者がプロジェクトの経済性、資本効率、実行の確実性をより重視していることを示す最も明確な指標の一つと言えます。

天然水素は、特にカナダにおいて、依然として重要な成長の原動力となっています。マックス・パワー・マイニングは、サスカチュワン州のローソン・プロジェクトにおいて、北米初の地下天然水素システムを確認したほか、同州内の他の地域でも複数の水素およびヘリウム探査区域を特定したことを発表しました。これとは別に、ヴェマ・ハイドロジェンとファースト・アトランティック・ニッケル&コバルトは、ニューファンドランド州において、水素生産と重要鉱物の開発を統合することで、エンジニアード・ミネラル水素を共同開発する計画を発表しました。これらの発表は、カナダが天然水素の探査において主導的な地位にあることを改めて示すとともに、既存の鉱業事業と水素生産を組み合わせることへの関心が高まっていることを示唆しています。

西海岸の輸送部門では、特に大型・商用水素モビリティにおいて、力強い成長の兆しが見られました。HTECは、ブリティッシュコロンビア州にカナダ初の商用700バール対応大型水素充填ステーションを開設しました。カリフォルニア州では、ファステックとボッシュ・レックスロスは、175台の燃料電池電気バスに対応可能な公共交通バス専用の世界最大規模となる見込みの水素充填ステーションを建設する計画を発表しました。このプロジェクトでは、ボイルオフ損失を低減しつつ充填効率を向上させるよう設計された、先進的な液体水素クライオポンプ技術が導入されます。

持続可能な航空燃料についても、商業的な勢いが引き続き高まっています。アメリカン航空とグーグルは、持続可能な航空燃料に関する「ブック・アンド・クレーム」契約を発表しました。物理的な燃料供給が依然として逼迫しているにもかかわらず、低炭素航空燃料に対する企業の需要が引き続き存在していることを示しています。トウエルブによる商業用e-fuel施設と相まって、これらの発表は、排出削減が困難な分野において、水素由来の燃料の重要性が高まっていることを裏付けています。

6月の投資活動は、水素産業全体において戦略的な取り組みが強化されていることを反映していました。バラード・パワー・システムズは、英国のジオピュラ社を2億7,500万ポンドで買収すると発表し、同社を燃料電池メーカーから、より統

合された水素エネルギーソリューションプロバイダーへと転換を図ります。一方、マックス・パワー・マイニングは、サスカチュワン州の天然水素探査に専念するため、リチウム資産の売却を完了し、天然水素が独立した市場機会として、投資家の信頼を高めていることを示しています。

研究・技術に関する発表は、引き続きコスト削減と商業化への道筋の改善に焦点が当てられました。

- ARPA-Eは、量子コンピューティング企業のフェーズクラフトを選定し、業界で最も高価な原料の一つであるイリジウムの使用量を大幅に削減可能な次世代の水素触媒の設計開発を委託しました。
- カリフォルニア大学リバーサイド校の研究者は、商用輸送用途に向けた水素燃焼エンジン技術の試験を開始。フランスのフィニア社が改造したフィアット・デュカトのバンを用い、性能、排出ガス特性、総合的な稼働状況の評価が行われています。

6月のニュースは、業界の大部分にとって明るい見通しを示している一方で、特に米国内における大規模プロジェクトが依然として直面している課題も浮き彫りにしています。

機会

- 天然水素は、業界で最も急成長している投資・探査分野の一つとして台頭
- 持続可能な航空燃料やアンモニア分野は、航空・海運といったエネルギー集約型産業にとって、低炭素の代替手段として有望視
- 大型輸送、分散型発電、産業用途において、水素技術に対する短期的な需要が最も高い
- カナダ、とりわけニューファンドランド州とサスカチュワン州は、水素生産および天然水素開発の主要な拠点としての地位を強化

課題

- 大規模水素プロジェクトは、財務面での精査がますます厳しくなっており、資本規律が市場の決定的な特徴
- インフラ整備には、輸送、貯蔵、輸出物流への継続的な投資に依存
- 商業的な成功は、長期的な引取契約の確保、競争力のある経済性、そして支援的な政策枠組みに依存

Policies / 政策

June 1-30, 2026

6/30/2026 - Element One Invited to Help Shape British Columbia's Hydrogen Strategy

2026年6月30日 エLEMENT・ワン、ブリティッシュコロンビア州の水素戦略策定に協力

Element One Hydrogen & Critical Minerals Corp. announced that it has submitted a comprehensive set of policy recommendations to the Government of British Columbia in support of the Province's strategic review of the B.C. Hydrogen Strategy. At the invitation of the Clean Energy and Major Projects Office, the Company provided recommendations designed to help position British Columbia as a leader in the emerging natural hydrogen industry through a modern, competitive and investment-friendly policy framework. [Full Story](#)

6/02/2026 - Plug Power Strengthens Liquidity Through \$44 Million Federal ITC Transfer for St. Gabriel Hydrogen Facility

2026年6月2日 プラグ・パワー、セントガブリエル水素施設向けの4,400万ドルの連邦ITC譲渡により流動性を強化

Plug Power Inc., a global leader in comprehensive hydrogen solutions for the hydrogen economy, announced it closed the sale of a federal investment tax credit for ~\$39.2 million associated with Plug's hydrogen liquefaction facility in St. Gabriel, Louisiana, operated through Hidrogenii, its joint venture with Olin Corporation. The monetization represents another step in Plug's broader strategy to improve liquidity, optimize capital deployment, and unlock value from its expanding hydrogen generation network. [Full Story](#)

Projects / プロジェクト

June 1-30, 2026

6/30/2026 - Air Products axes huge blue hydrogen project in Louisiana

2026年6月30日 エア・プロダクツ、ルイジアナ州での大規模ブルー水素プロジェクトを中止

Industrial gas major Air Products has abandoned its planned 1,700-tonne-per-day blue hydrogen project in Louisiana, resulting in a \$2.9bn write-down that will impact its third-quarter financials.

[Full Story](#)

News Continues on Next Page

6/30/2026 - Nixxy and Tachyon 9 Unveil \$1 Billion Carbon-Conscious AI Data Campus Designed Around Hydrogen Power, Low-Water Cooling and U.S. Energy Security

2026年6月30日 ニクシーとタキオン9、水素発電、低水使用量冷却、米国のエネルギー安全保障を軸に設計された10億ドル規模の環境配慮型AIデータキャンパスを発表

Nixxy, Inc. announced that its proposed strategic combination with Tachyon 9 Corporation is advancing what the Company believes is a differentiated model for next-generation AI infrastructure: the \$1 billion Nakota Data Campus, designed to deliver up to one gigawatt of AI computing capacity through a large-scale North Dakota development built around firm on-site power, a carbon-neutrality pathway and low-water cooling. [Full Story](#)

6/30/2026 - Max Power identifies multiple natural hydrogen and helium zones in Canada

2026年6月30日 マックス・パワー、カナダで複数の天然水素・ヘリウム区域を確認

Canadian exploration firm Max Power Mining has identified multiple prospective natural hydrogen and helium zones at its Bracken exploration well, approximately 325km southwest of the Lawson Discovery in Saskatchewan, Canada. [Full Story](#)

6/22/2026 - JERA Contracts 4 Ammonia Carriers

2026年6月22日 JERA、アンモニア運搬船4隻の契約を締結

JERA Co Inc has signed time charter agreements under which fellow Japanese companies Mitsui OSK Lines Ltd (MOL) and NYK Group will each provide 2 fuel ammonia tankers to support the Blue Point Project in Louisiana, United States. [Full Story](#)

6/11/2026 - Twelve's first commercial e-fuels plant starts operations in the US

2026年6月11日 トウエルブ社、米国で初の商業用e-fuelプラントの操業を開始

The world's first commercial e-fuels plant to capture CO2 directly from air has started operations at Moses Lake in the US state of Washington. Twelve, the start-up behind the "AirPlant One" project, combines this CO2 with green hydrogen to produce synthetic versions of jet fuel (also known as e-SAF) and naphtha that can be used in existing processes. The company has previously said that the facility would be able to produce 50,000 gallons (189,000 litres) of e-SAF a year. [Full Story](#)

6/10/2026 - CHARBONE Secures Long-Term Hydrogen Supply Contract with Hone Inc. To Support Clean Energy Solutions for the Entertainment Industry

2026年6月10日 シャルボーン、ホーン社と長期水素供給契約を締結 エンターテインメント業界向けのクリーンエネルギーソリューションを支援

CHARBONE, a vertically integrated industrial gases company focused on production, distribution and storage of clean ultra-high purity hydrogen and other strategic industrial gases, is pleased to announce that it has entered into a long-term hydrogen supply contract with Hone Inc., a provider of mobile hydrogen power solutions for a variety of applications, including the film and television production industry. This agreement follows CHARBONE's January 22, 2026 announcement of its first hydrogen sales in Ontario to Hone. [Full Story](#)

Projects / プロジェクト

June 1-30, 2026

6/08/2026 - Vema Hydrogen and First Atlantic Nickel & Cobalt sign LOI to develop engineered mineral hydrogen

2026年6月8日 ヴェマ・ハイドロジェンとファースト・アトランティック・ニッケル & コバルト、エンジニアード・ミネラル水素開発に向けた基本合意書(LOI)を締結

Vema Hydrogen announced that it has entered into a non-binding LOI dated June 1, 2026 with First Atlantic Nickel & Cobalt Corp, to jointly develop Engineered Mineral Hydrogen, or EMH, at the Pipestone XL project, a 30-kilometer ultramafic belt in central Newfoundland. Under the LOI, the parties intend to establish a 50/50 joint venture to produce low-carbon hydrogen alongside First Atlantic's primary awaruite nickel-cobalt program. The partnership is intended to serve as a first-of-its-kind template for combining hydrogen production with critical mineral development at ultramafic sites, with the potential to attract co-located investment in clean fuels, ammonia, and downstream industry. [Full Story](#)

6/04/2026 - MAX Power Mining Corp. confirms first subsurface natural hydrogen system

2026年6月4日 マックス・パワー・マイニング社、初の地下天然水素システムを確認

Within the rapidly advancing AI sector, MAX Power Mining Corp. has emerged as a leading public natural hydrogen company globally and has already confirmed the first subsurface natural hydrogen system in North America at its Lawson Project in Saskatchewan. [Full Story](#)

6/04/2026 - Louisiana Builds on Hydrogen Innovation with NovaSpark Expansion

2026年6月4日 ルイジアナ州、ノーバスパークの拡張により水素分野の技術革新をさらに推進

NovaSpark Energy, a sustainable energy technology company, announced it is growing its workforce in West Monroe and investing \$30 million to establish a new facility in Houma. The expansion will scale production of its atmospheric hydrogen generators used in defense and energy applications to meet increasing national demand for diverse energy solutions. [Full Story](#)

6/01/2026 - EVREC files environmental impact statement for one of Canada's largest wind-to-green hydrogen and ammonia projects

2026年6月1日 - EVREC、カナダ最大級の風力発電由来のグリーン水素・アンモニアプロジェクトの環境影響評価書を提出

Exploits Valley Renewable Energy Corporation (EVREC) has announced the filing of the Environmental Impact Statement (EIS) for its project in Central Newfoundland, a significant milestone in the development of one of Canada's most advanced wind-to-green hydrogen and ammonia initiatives. The EIS was prepared in accordance with the guidelines issued by the Newfoundland and Labrador Department of Environment and Climate Change, and reflects extensive technical, environmental, and socio-economic studies undertaken as part of the provincial Environmental Assessment process. The EVREC project is designed to harness Central Newfoundland's world-class wind resources to produce green hydrogen and ammonia. The project is expected to include approximately 3+ gigawatts of onshore wind generation, supported by energy storage and associated infrastructure. At full capacity, the project is expected to produce approximately 180,000 tpy of renewable fuels of non-biological origin (RFNBO) hydrogen or up to 1 MMtpy of RFNBO ammonia for export to global markets. [Full Story](#)

Projects / プロジェクト

June 1-30, 2026

6/01/2026 - Environmental approvals conditionally greenlight Canadian LOHC project

2026年6月1日 カナダのLOHCプロジェクト、環境承認が条件付きで認可

North Atlantic Refining's 30,000 tonne-per-year (tpa) wind-to-hydrogen project targeting liquid organic hydrogen carrier (LOHC) exports will proceed after completing an environmental assessment. The project in Newfoundland and Labrador received conditional approval from the provincial government to advance, provided the firm secures environmental, energy, and transportation permits and implements water, wildlife, and land protection measures. Located across Placentia Bay and Trinity Bay, it plans to use a 324MW wind farm to power green hydrogen generation and conversion into up to 60,000tpa of LOHC for transportation. [Full Story](#)

Mobility/Transportation / モビリティ／輸送

June 1-30, 2026

6/19/2026 - HTEC Opens Canada's First 700 Bar Commercial Heavy-Duty Clean Hydrogen Station

2026年6月19日 HTEC、カナダ初の700バール商用大型クリーン水素ステーションを開設

HTEC announced the opening of Canada's first 700 bar commercial heavy-duty clean hydrogen refuelling station, located on Tsawwassen First Nation (TFN) industrial lands at the Chevron Commercial Cardlock in Tsawwassen, British Columbia. [Full Story](#)

6/15/2026 - American Airlines and Google sign SAF book and claim deal

2026年6月15日 アメリカン航空とグーグル、SAFのブック&クレーム契約を締結

Google and American Airlines have signed a sustainable aviation fuels (SAF) purchase and certification deal. Google does not physically take delivery of the fuel but receives a certificate for each gallon of SAF used by the airline, which in turn it can use to offset emissions. [Full Story](#)

6/11/2026 - 'World's largest' hydrogen bus station announced in California

2026年6月11日 カリフォルニア州で「世界最大級」の水素バスステーションの建設が発表

Fastech and Bosch Rexroth will build what they say will be the world's largest hydrogen refuelling station for transit buses in California. The hub will centre Bosch Rexroth's cryopump compression and dispensing system serving a fleet of 175 fuel cell electric buses (FCEB) operated by California's San Mateo County Transit District (Samtrans). It would mark the first commercial deployment of the technology, which reduces liquid hydrogen boil-off and could deliver up to 3.5 tonnes of hydrogen per day across four refuelling points. [Full Story](#)

Technology/Research / 技術/研究

June 1-30, 2026

6/16/2026 - US Firm Secures \$4.5M to Develop Quantum-Designed Hydrogen Catalysts with Less Iridium

2026年6月16日 米国企業、イリジウムの使用量を削減した量子設計による水素触媒の開発で450万ドルを確保

ARPA-E has tapped UK quantum computing firm Phasecraft to apply quantum algorithms to hydrogen catalyst discovery—targeting designs that use significantly less of the scarce and expensive metal iridium. [Full Story](#)

6/02/2026 - Hydrogen Combustion Van Tested at UCR

2026年6月2日 - UCリバーサイド校で水素燃焼式バンの試験を実施

UC Riverside environmental engineers are testing a van imported from France with a hydrogen combustion engine as part of an international effort to advance decarbonization of the transportation industry and curb greenhouse gas emissions. [Full Story](#)

Investments, Mergers, Acquisitions / 投資、合併、買収

June 1-30, 2026

6/23/2026 Ballard Announces Acquisition of UK-Based GeoPura, Powering Future Growth and Transforming Ballard into an Integrated Hydrogen Ecosystem Provider

2026年6月23日 バラード、英国のジオピュラ社を買収し、今後成長を加速し統合型水素エコシステム・プロバイダーへと変革

Ballard Power Systems Inc. announced that it has entered into a definitive agreement to acquire GeoPura Limited, a zero-emission hydrogen-based power solutions provider. The Transaction consists of an upfront equity purchase price of £275.0 million. [Full Story](#)

6/09/2026 MAX Power Is All-In on Natural Hydrogen. It Just Sold Its Lithium Project to Prove It

2026年6月9日 マックス・パワー、リチウム事業を売却し天然水素に全面的に注力

MAX Power Mining has agreed to sell its Willcox Playa Lithium Project in Arizona to Homeland Critical Minerals Corp. in exchange for an 11-million-share stake representing just under 50% of Homeland—freeing MAX Power to concentrate entirely on the Lawson natural hydrogen discovery and the 475km Genesis Trend in Saskatchewan. The transaction, expected to close around 17 June 2026, cements MAX Power's position as a pure-play natural hydrogen explorer—the first in Canada—with commercialisation of the Lawson Complex now its sole operational priority. [Full Story](#)