UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of November 2022

Commission File Number: **005-91913**

Fusion Fuel Green PLC
(Translation of registrant's name into English)

10 Earlsfort Terrace
Dublin 2, D02 T380, Ireland
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ☒ Form 40-F ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): _____

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ______

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

On November 28, 2022, Fusion Fuel Green PLC ("Company") hosted a live conference call and webcast to discuss the Company's financial results for the quarter ended September 30, 2022, along with third quarter operational highlights and technology updates. A replay of the webcast, the investor presentation used during the webcast, and a quarterly shareholder update letter from the Company's executive committee, are each available on the Company's website, fusion-fuel.eu. The shareholder update letter and investor presentation are also attached as Exhibits 99.1 and 99.2 to this Report on Form 6-K, respectively, and are incorporated by reference herein.

The information furnished in this Report on Form 6-K, including the exhibits related thereto, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liability of such section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

EXHIBIT INDEX

Exhibit Number	**Description**
99.1	Quarterly Update to Shareholders
99.2	Investor Presentation

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Fusion Fuel Green PLC
(Registrant)

Date: November 28, 2022

/s/ Frederico Figueira de Chaves
Frederico Figueira de Chaves
Chief Financial Officer

Exhibit 99.1

Disclaimer

This presentation includes statements of future events, conditions, expectations, and projections of Fusion Fuel Green plc (the "Company"). Such statements are "forward looking statements" within the meaning of the "safe harbor" provisions of the United States Private Securities Litigation Reform Act of 1995. The Company's actual results may differ from its expectations, estimates and projections and, consequently, you should not rely on these forward-looking statements as predictions of future events. Words such as "expect," "estimate," "project," "budget," "forecast," "anticipate," "intend," "plan," "may," "will," "could," "should," "believe," "predict," "potential," and similar expressions are intended to identify such forward-looking statements. These forward-looking statements include, without limitation, estimates and projections of future performance, which are based on numerous assumptions about sales, margins, competitive factors, industry performance and other factors which cannot be predicted. Such assumptions involve a number of known and unknown risks, uncertainties, and other factors, many of which are outside of the Company's control, including, among other things: the failure to obtain required regulatory approvals; changes in Portuguese, Spanish, Moroccan, or European green energy plans; the ability to obtain additional capital; field conditions and the ability to increase production capacity; supply chain competition; changes adversely affecting the businesses in which the Company is engaged; management of growth; general economic conditions, including changes in the credit, debit, securities, financial or capital markets; and the impact of COVID-19 or other adverse public health developments on the Company's business and operations. Should one or more of these material risks occur or should the underlying assumptions change or prove incorrect, the actual results of operations are likely to vary from the projections and the variations may be material and adverse.

The forward-looking statements and projections herein should not be regarded as a representation or prediction that the Company will achieve or is likely to achieve any particular results.

The Company cautions readers not to place undue reliance upon any forward-looking statements and projections, which speak only as of the date made. The Company does not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in its expectations or any change in events, conditions, or circumstances on which any such statement is based.

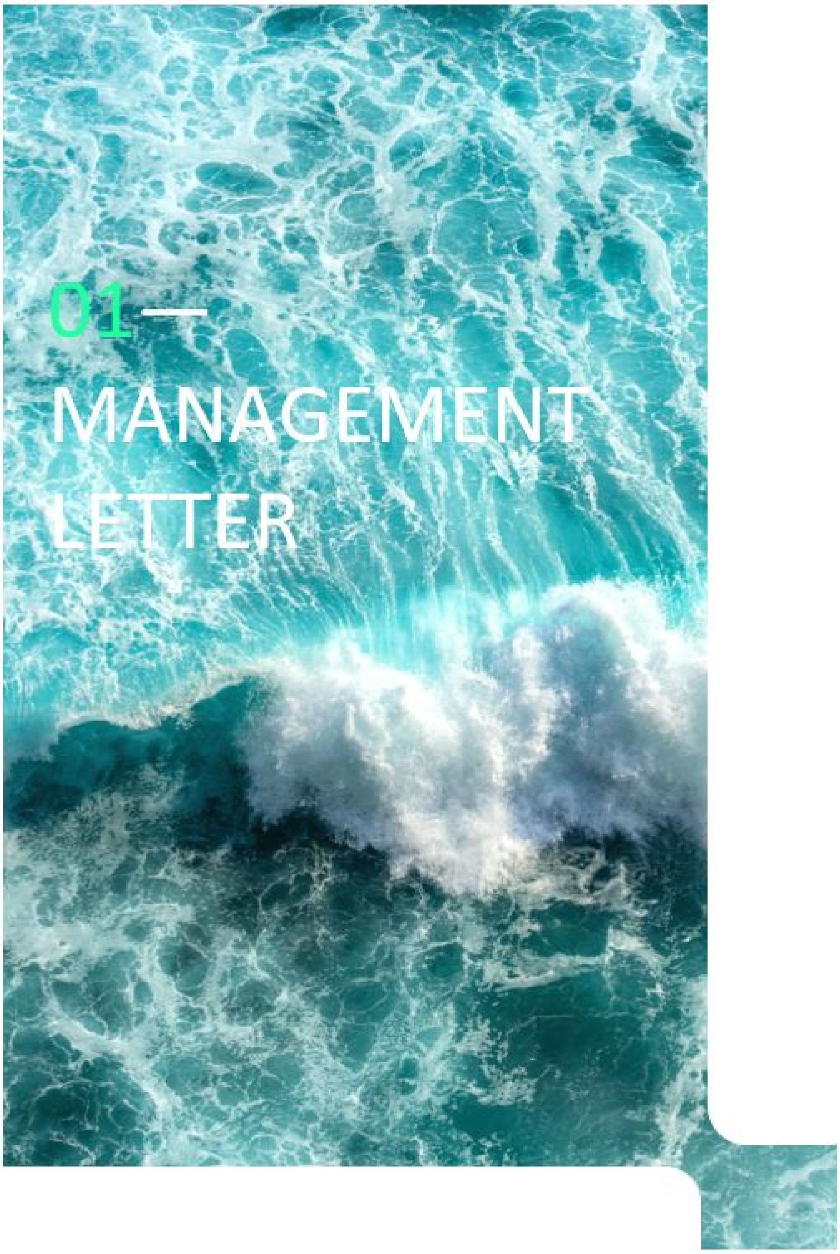
Use of Social Media as a Source of Material News

The Company uses, and will continue to use, its LinkedIn profile, website, press releases, and various social media channels, as additional means of disclosing information to investors, the media, and others interested in the Company. It is possible that certain information that the Company posts on social media or its website, or disseminates in press releases, could be deemed to be material information, and the Company encourages investors, the media and others interested in the Company to review the business and financial information that the Company posts on its social media channels, website, and disseminates in press releases, as such information could be deemed to be material information.

Financial Statement Presentation

The Company's consolidated financial data is prepared in accordance with International Financial Reporting Standards as adopted by the International Accounting Standards Board ("IFRS") and is denominated in Euros ("EUR" or "€"). The numbers shown in this presentation have not been audited and therefore may vary to the final financial results disclosed by the company as part of the annual report. The unaudited consolidated financial data reflects, in the opinion of management, all adjustments, consisting of normal recurring adjustments, considered necessary for a fair statement of the Company's financial data for the periods indicated. The unaudited consolidated financial data should be read in conjunction with the audited consolidated financial statements and notes thereto for the year ended December 31, 2021 included in the Company's Annual Report on Form 20-F for the year ended December 31, 2021.

01 — MANAGEMENT LETTER



Dear Shareholders,

Over the past several quarters we have opened our investor letter with a quote from business literature that we feel is relevant based on observations we've made of the market and our relative positioning. This quarter is no different. In light of the accelerating pace of change and the prevailing uncertainty that pervades the global economy at present, this quote from Warren Buffet from the 2005 Berkshire Hathaway Annual Letter to Shareholders, felt particularly appropriate:

> Every day, in countless ways, the competitive position of each of our businesses grows either weaker or stronger. If we are delighting customers, eliminating unnecessary costs, and improving our products and services, we gain strength. But if we treat customers with indifference or tolerate bloat, our businesses will wither. On a daily basis, the effects of our actions are imperceptible; cumulatively, though, their consequences are enormous.
>
> When our long-term competitive position improves as a result of these almost unnoticeable actions, we describe the phenomenon as "widening the moat." And doing that is essential if we are to have the kind of business we want a decade or two from now.

Given the vast amount of public and private capital pouring into green hydrogen opportunities, we and our peers are fortunate to be operating in a macro-economic environment that has some protection from recessionary headwinds. But that doesn't mean that we are immune from the challenges facing the global economy.

Over the last year, the market paradigm around the energy transition, and green hydrogen specifically, has changed markedly. While investors and customers alike remain highly engaged on energy transition opportunities thanks to the favorable legislative backdrop across Europe and North America, they are increasingly focused on execution capabilities and line-of-sight to profitability. In this environment, having a unique source of differentiation is not enough – building on our competitive advantage and widening our competitive moat is critical.

As we will discuss in the balance of this letter, we continue to deliver tangible steps which enhance our positioning in the market. The foundation of that effort is continuous innovation, highlighted by the introduction of what we believe will be game-changing technology, our HEVO-Chain. We have also continued to execute on our commercial objectives, securing meaningful grants in Iberia, signing tech sale contracts, and maturing our project development portfolio. Finally, we continue to make substantive progress in building strategic relationships which bring additional technical resources and broaden our commercial footprint, including but not limited to the agreements we have entered into with Toshiba (focused on MEA development), Duferco Energia SpA (opening up the Italian market) and Electus Energy (our partner in our recently announced project in Bakersfield, California).

We have continued to invest in our core assets which will help us better serve our clients both today and into the future. These investments include our state-of-the art manufacturing facility at Benavente, our demonstrator plants spread over two phases at Évora, our Intellectual Property and related HEVO technology intangible assets and, in this time when supply chain resilience remains a concern, ensuring availability of essential inputs (where necessary including the placement of advance orders for long lead-time items). Taken together, these investments leave Fusion Fuel well placed to efficiently and cost-effectively deliver on our current and future projects.

Cash outflows during the third quarter included investment of €5.2 million in raw materials, inventory and pre-payments associated with the placement of purchase orders to lock-in the delivery of critical components. With that, and the €12m of Inventory we hold, we are well positioned for a ramp-up in production. Additionally, we saw higher compensation expense due to increased headcount, and made continued investment in the development of the Évora and HEVO-Sul plants. At quarter-end the value of our core assets amounted to €46.6 million, which represents an increase of €4 million on the value at the end of the second quarter. In addition to our investment in our core assets, at the end of the third quarter we also had receivables of €7.4 million which are amounts due to us in relation to VAT refunds and grants owed to us by the Portuguese government. Our cash balance was €3.6 million at the end of this quarter. So far in Q4, we have received €1.2 million of the amounts due and we expect to receive further substantial reimbursements before year end. In addition, we are pursuing the sale leaseback of the Benavente real estate, which we expect to close by year-end, which will also provide substantial cash inflow to the company.

The decrease in the value of the outstanding warrants at September 30, 2022, compared to June 30, 2022, and the associated fair-value treatment of the warrant obligation had a positive impact on pre-tax income of €3.8 million. It is important to note that expenses booked in relation to the Employee Incentive Plan (EIP) and any income or expense associated with the outstanding warrants are non-cash booking and only a reflection of the quarterly "marking-to-market" of these securities.

In our last management letter, we discussed the remarkable dynamism and rapid pace of change in the green hydrogen sector. In the context of that market backdrop, the best source of a durable competitive advantage is a differentiated offering. For the first two years of Fusion Fuel's existence as a public company, our innovative HEVO-Solar has provided that source of differentiation. While there is no shortage of attention being paid to green hydrogen, the reality on the ground is that there are relatively few large-scale opportunities in the market today. There is concern on the part of industrial customers around placing big bets and getting it wrong. And so, at a time when scale is viewed as the only viable path to reducing the capital cost of electrolysis capacity, the modularity and scalability of our HEVO-Solar technology continues to drive significant commercial interest in the markets in which we compete. Of course, we continue to iterate on our core HEVO micro-electrolyzer to reduce the cost and improve the performance of our integrated solar-to-hydrogen solution.

However, our HEVO-Solar technology, by virtue of being coupled to the concentrating photovoltaic system, precludes its applicability to certain green hydrogen market opportunities. In order for Fusion Fuel to establish itself as a truly global player, we felt it was critical to develop a solution to complement the HEVO-Solar; one which would enable us to offer a solution regardless of the source of electricity or the land available for the installation. We recently announced a product that marks our entry into the centralized electrolyzer segment, one which promises to dramatically expand our addressable market and unlock new commercial applications: the HEVO-Chain.

1 – Members of Fusion Fuel's R&D team with HEVO-Chain Hydrogen Unit

HEVO-Chain represents a revolutionary advance in the design of centralized PEM electrolyzers. Each HEVO-Chain Hydrogen Unit consists of 16 interconnected HEVO micro-electrolyzers—the very same HEVOs that are mounted on the back of our HEVO-Solar system. Each unit represents 11.2 kW of electrolysis capacity, outputting 5.6 kg of hydrogen per day at 4 bars of pressure. As with the HEVO-Solar, HEVO-Chain was built with modularity and scalability in mind. The unit is designed for a standard 19" cabinet, allowing for up to eight stackable units to be integrated seamlessly alongside the power electronics and water purification system.

Rather than relying on a traditional cell-stack configuration, the HEVO-Chain builds off our proprietary HEVO architecture, enabling the system to operate at higher efficiency – roughly 49 kWh / kg of hydrogen – and avoid the losses that stem from more conventional electrolyzer stack designs. Our HEVO architecture allows each membrane to operate independently with multiple electrochemical cells in simultaneous operation, a radically novel concept that operates with lower power requirements and cheaper power systems than existing solutions. And due to our modular approach, which combines many identical HEVO units manufactured in a highly efficient, automated production process, we expect our HEVO-Chain system to be highly competitive on a capex / kW basis relative to comparable centralized PEM electrolyzers, even at small scale.

As it is decoupled from the concentrating photovoltaic system that is the signature of the HEVO-Solar, the HEVO-Chain solution is power agnostic. And it is scalable, able to operate as a single HEVO-Chain unit or multi-megawatt containerized solution. This means that it can be deployed in every market, no matter the geography. In conjunction with the HEVO-Solar system, we are now positioned to deliver green hydrogen solutions for every customer, meeting any size demand, using any source of renewable electricity, and in any geography around the globe.

The HEVO-Chain is currently undergoing comprehensive performance and reliability testing. In 2023 our focus will be on industrializing the HEVO-Chain and containerizing the water and power management systems. We expect the first HEVO-Chain units to enter commercial use in 2024. We are confident the introduction of HEVO-Chain will significantly expand our universe of addressable commercial opportunities, particularly in North America and Northern Europe.

From a commercial perspective, our focus continues to be on de-risking the commercial pipeline in our core markets, progressing our development portfolio through to final investment decision, and securing confirmed technology sale orders for the entirety of our production capacity in 2023 and beyond.

One of the strategies that we are actively exploring is the transformation of our development pipeline into technology sales. We continue to believe that exposure to the entire hydrogen value chain—owning producing assets and selling technology—is the optimal strategy as the market matures and it becomes clear where excess returns will be found. We are exploring opportunities with partners to fund the majority of the capital investment for our development projects, turning those projects into technology sales. We believe this will create considerable value for our company and shareholders: it will enable us to sell technology with a margin to those projects, monetize the grants that we have secured, and expedite revenue recognition and provide a quicker pathway to profitability, while still retaining exposure to the attractive, long-lived cash flows associated with those assets.

In the interim, we are making progress with respect to our tech sale pipeline. Recently, we have made several announcements demonstrating success in our continued push to convert our project pipeline. We recently announced third-party tech sale contracts with KEME and Gedisol totaling approximately €7 million in revenue, for two projects that will be developed in 2023. These projects, located in Portugal and Spain respectively, have both secured grant funding and represent more than 200 HEVO-Solar units between the two.

In addition, we announced that Fusion Fuel was approved for grant funding through two Portuguese programs – Component 5 and Component 14 of the National Recovery and Resilience Facility. More recently we announced that four projects, in which Fusion Fuel is identified as technology provider, were preselected for nearly €13 million in grants through Spain's H2 Pioneros program, one of the first funding calls under the Strategic Projects for Economic Recovery and Transformation ('PERTE') program. The projects connected with those grants represent over 4,300 HEVO-Solar units of cumulative demand between 2023-2025. All of these projects are highly actionable opportunities, de-risking our pipeline and contributing to our overarching commercial objective of finding a home for 100% of our production capacity over the coming years. Having our near-term pipeline focused almost exclusively on commercial opportunities in Portugal and Spain will allow us to maintain a sharper focus on execution and drive confidence in our ability to convert opportunities into tangible assets.

While we remain focused on our core markets of Portugal and Spain, we have also formally commenced our expansion into strategic markets outside of Iberia in which we have a compelling value proposition and material competitive advantage. We believe the Italian market is a natural extension of our core European business owing to its excellent solar irradiance, existing natural gas infrastructure, proximity to our Benavente production facility, and stated ambition to integrate green hydrogen within its energy portfolio over the coming years.

In that vein, we recently announced a joint agreement with Duferco Energia SpA to extend our reach into Italy. The agreement establishes the framework for developing a commercial pipeline in Italy and select countries in the MENA region for technology sales and project development. Fusion Fuel will utilize Duferco's local sales network, knowledge of local markets, and deep expertise in shipping and logistics while serving as our "boots on the ground" for the development of that market. The first project under the agreement will be a 1.25 MW pilot project at Duferco's industrial facility in Giammoro, Sicily, which would produce roughly 46 tonnes of green hydrogen per annum and will be developed in 2024. Our strategy is to build on the commercial blueprint we have employed successfully in Portugal and Spain focusing on the mobility and industrial segments. We will look to develop a mobility backbone in Southern Italy, beginning with four integrated solar-to-hydrogen refueling stations by the end of 2024. In parallel, we will pursue opportunities to develop hydrogen hubs around industrial centers in Northern Italy, akin to how we have approached the Sines region in Portugal. One of our initial targets will be to work with Duferco to deploy our HEVO-Chain technology at their steel mill in Brescia, Italy. We are confident this multifaceted strategy, enabled by our best-in-class electrolyzer technology, will facilitate the establishment of Fusion Fuel as an early leader in the Italian green hydrogen market.

In our previous update, we discussed the game changing passage of the Inflation Reduction Act ("IRA") in the United States. The financial incentives of the IRA, in particular the $3/kg production tax credit, will immediately make our green hydrogen competitive with grey hydrogen. Considering these tailwinds, we communicated our intention to accelerate our growth strategy into North America. To that end, we recently announced our first anchor project in the United States, a $180 million, 75 MW solar-to-green hydrogen facility to be located in Bakersfield, California. Due to the unique combination of solar irradiance, the incentives available under California's Low Carbon Fuel Standard program, and proximity to large-scale offtake in the form of logistics hubs, heavy industry, and natural gas infrastructure, Bakersfield is the ideal cornerstone of our North American commercial strategy. The project, which will be jointly developed alongside Electus Energy, will feature a refueling station for heavy duty commercial vehicles, along with the balance of plant equipment for filling and distributing compressed cylinders to supply local industrial customers. We have already obtained the necessary land lease option and commenced pre-feasibility work with Black & Veatch as the lead contractor for the project and are targeting final investment decision on the project in 2024, with commissioning expected in 2025.

Expansion into North America, beginning with Bakersfield, is a pivotal step forward for Fusion Fuel. To ensure we can deliver on Bakersfield and secure additional development opportunities in this new market, we have begun building out our North American team, with particular focus on our business and project development capabilities. However, both the scale of Bakersfield and the need for the majority of our equipment to be sourced in the US in order to be eligible for the incentives provided by the IRA, will necessitate the development of a manufacturing facility in North America. Given the scope of the addressable market in North America, particularly in light of the anticipated 2024 introduction of the HEVO-Chain, this would lead to a step change in our production capacity over the back half of the decade. We are in the early stages of that process and will continue to update the market as we refine our production strategy.

Finally, while we remain very focused on our near-term pipeline, we have not lost sight of the projects that brought us to this point. To that end, we recently announced the long-awaited commissioning of our H2Évora facility, Portugal's first fully integrated solar-to-green hydrogen plant. Despite its modest size at only 15 HEVO-Solar units, the importance of this project should not be underestimated. In many ways, H2Évora has already served its purpose—we have hosted dozens of visits to the facility from customers and investors alike, which has helped validate the efficacy of our disruptive HEVO technology. Going forward, H2Évora will provide emissions-free power to the Portuguese electric grid for many years to come through the use of our green hydrogen in the 200-kilowatt fuel cell installed at the site. H2Évora will also serve as a commercial proving ground for our R&D team as they continue to iterate on our core technology and roll out additional products.

In summary, we have a sound commercial strategy in place to deliver against our 2023 pipeline in our core markets of Spain and Portugal. In parallel we have made significant strides in establishing anchor projects and partnerships in strategic markets to support a more aggressive growth trajectory into the future. Between the early-stage opportunities in California and Italy, and the balance of our commercial portfolio in Portugal and Spain, we have line of sight to 140 MW of electrolyzer capacity between HEVO-Solar and HEVO-Chain for 2024. We believe our differentiated offerings along with our desire to participate across the green hydrogen value chain will be extremely attractive to customers and investors alike as we look to expand quickly into these exciting new markets.

Our unique value proposition, driven by the grid-independent, scalable nature of our core technology, is the source of our competitive advantage. We are constantly seeking out opportunities to widen our moat: through product innovation like the introduction of next generation HEVO or the disruptive HEVO-Chain solution, through our focus on strategic partnerships with Toshiba and others, or through the continued expansion of our development portfolio, both in Southern Europe and in new markets like the United States. Despite the widespread volatility and macroeconomic uncertainty, we believe Fusion Fuel is well positioned for Q4, 2023 and the years ahead.

Yours Sincerely,

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Q3 HIGHLIGHTS & FINANCIAL REVIEW

Third Quarter Highlights

- Received approval for €10m in grant funding from C-14 of PRR to develop the HEVO-Industria project in Sines?
- Announced completion of an independent technology assessment of Fusion Fuel and the HEVO-Solar system by Black & Veatch
- Announced completion of three-month performance audit of HEVO-Solar system by TUV SUD
- Commenced construction on Exolum project in Madrid, Spain
- Filed two additional patents

Subsequent Events

- Announced €5 million tech sale contract with Gedisol for 3.2 MW green hydrogen project in Spain
- Announced €2 million tech sale contract with KEME Energy for green hydrogen project in Portugal
- Commissioned H2Évora green hydrogen plant
- Entered into agreement with Duferco Energia SpA to develop Italian Green Hydrogen Market
- Announced involvement in 4 projects preselected for €13 million in grants through Spain's H2 Pioneros Program
- Announced entry into centralized PEM electrolyzer market with HEVO-Chain; filed associated patent
- Announced agreement with Electus Energy to develop 75 MW green hydrogen project in Bakersfield, California

Key Figures

KEY FINANCIALS & FIGURES (€000's) (Unaudited)	Q3 2022	Q2 2022
o/w share-based payment (non-cash) expenses[1]	(878)	(954)
o/w operating expenses[2]	(4,649)	(3,943)
OPERATING (LOSS) INCOME	**(5,527)**	**(4,897)**
o/w fair value movement – warrants[3]	3,841	6,717
o/w finance gain/ (loss), net[4]	288	504
o/w share of loss of equity-accounted investees[5]	(240)	(167)
PRE-TAX (LOSS) / PROFIT	**(1,637)**	**2,157**

[1] The Q3 2022 expenses relates to the Company granting 57,896 RSU's to employees, directors and consultants during the year ended December 31, 2021, and 59,441 RSU's to employees during the nine months ended September 30, 2022. In Q1 2022, the Company issued 2,128,554 options, in total, to five of its senior managers and all non-executive directors. As the RSUs and options awarded are dependent on future service being provided to the Company, the Company considers them to be service awards under IFRS 2 and classifies both the expected share awards in equity with a corresponding compensation expense in the income statement. These are non-cash expenses.

[2] These expenses are related to the operational activity of the Group. Our personnel costs increased by €0.6m in Q3 2022 when compared to Q2 2022. A significant portion of this increase was due to an increase in our headcount during June 2022 and Q3 2022. We had 22 new hires in June and 23 during Q3. For the 22 new hires in June, Q3 was the first quarter with a full charge for these staff members. During this period, we also saw increases to the running cost of our Evora plant as it moved towards its operating stage which were offset by reductions in marketing costs, professional fees and motor, travel & subsistence costs.

[3] Derivatives are initially recognized at their fair value on the date the derivative contract and transaction costs are expensed to profit or loss. Warrants are subsequently re-measured at fair value at each reporting date with changes in fair value recognized in profit or loss. The fair value of the warrants is determined with reference to the prevailing market price on NASDAQ under the ticker HTOOW. No warrants have been exercised since Q1 2021. These fair value movements represent non-cash items.

[4] Included in this caption are positive foreign exchange rate variances being offset by a reduction in the fair value of our short-term investments. All short-term investments positions were closed by the end of Q3.

[5] This relates to the Company's investment in Fusion Fuel Spain, S.L. ("Fusion Fuel Spain"). The Company holds a 50% interest in Fusion Fuel Spain and extended a loan facility up to €2 million of which €0.5 million had been drawn down during the nine months ended September 30, 2022. The Company's investment in Fusion Fuel Spain is accounted for using the equity method. Under the equity method, the investment is initially recognized at cost. The carrying amount is adjusted to recognize changes in the Company's share of net assets of the joint venture since the acquisition date.

KEY FINANCIALS & FIGURES (€000's) (Unaudited)	Q3 2022	Q2 2022
Property, plant and equipment[1]	27,958	26,628
Intangible assets[2]	5,650	5,374
TOTAL NON-CURRENT ASSETS	**33,608**	**32,002**
Prepayments and other receivables[3]	5,470	5,098
Inventory	12,037	9,490
VAT receivable[4]	6,574	5,899
Financial asset investments (fair value)	-	8,609
Cash and cash equivalents	3,610	1,996
TOTAL CURRENT ASSETS	**27,691**	**31,092**
TOTAL ASSETS	**61,299**	**63,094**
Trade and other payables[5]	4,320	4,316
Cost accruals	1,558	959
Derivative financial instruments - Warrants[6]	9,736	13,577
TOTAL LIABILITIES	**15,614**	**18,852**
TOTAL NET ASSETS	**45,685**	**44,242**

[1] The balance includes our Benavente facility (€10.1m), our Évora demonstrator plants (€7m), and our HEVO-Sul project in Sines, Portugal (€8.9m). In addition, we have recognized Right of Use assets for our lease arrangements in accordance with IFRS 16 *Leases* (€1.4m).

[2] Recognized here is the IP that transferred about part of our merger in 2020 (€1.9m) and the spend incurred on our HEVO technology to date (€3.7m).

[3] Advanced payments to supplier's accounts for €2.8m of this balance. In addition, we have deferred costs relating to our ongoing Exolum project (€1.2m) and a grant receivable balance of €0.8m.

[4] To date, we have submitted four separate reimbursement requests totaling €3.9m of which €0.6m was received in October 2022 and €0.6M was received in November 2022. For the remaining amount requested (two separate claims), we expect both amounts to be paid (€2.6m) in the first half of December 2022.

[5] €2.7M of this balance represents amounts owed to suppliers. The remaining balance relates to IFRS 16 *Leases* bookings (€1.4m) and payroll related taxes owed in Portugal and Ireland (€0.3m).

[6] Derivatives are initially recognized at their fair value on the date the derivative contract and transaction costs are expensed to profit or loss. Warrants are subsequently re-measured at fair value at each reporting date with changes in fair value recognized in profit or loss. The fair value of the warrants is determined with reference to the prevailing market price on NASDAQ under the ticker HTOOW. The market price at September 30, 2022 was $1.07 (June 30, 2022: $1.59).

SHARES, WARRANTS AND EQUITY PLAN AT PERIOD END	Q3 2022	Q2 2022
ORDINARY SHARES		
Class A[1]	11,293,992	10,998,723
Class B	2,125,000	2,125,000
TOTAL SHARES OUTSTANDING	**13,418,992**	**13,123,723**
WARRANTS OUTSTANDING	**8,869,633**	**8,869,633**
RSUs OUTSTANDING	**111,484**	**99,802**
OPTIONS OUTSTANDING[2]	**2,128,554**	**2,128,554**

[1] On June 6, 2022, we entered into an At the Market Issuance Sales Agreement ("the ATM") with B. Riley Securities, Inc., Fearnley Securities Inc., and H.C. Wainwright & Co., LLC, pursuant to which the Company may offer and sell, from time to time, through or to the agents, acting as agent or principle, shares of the Company's common stock having an aggregate offering price of up to $30 million under the Company's Form F-3 registration statement. Between July 11, 2022, and September 30, 2022, we sold 295,269 class A ordinary shares for net proceeds of $2,204,959 at an average sales price of $7.35 per share. We paid $66,149 in commissions to agents as part of these trades. Between October 3, 2022 and November 14, 2022, we sold 386,657 class A ordinary shares for net proceeds of $1,480,833 at an average sales price of $4.02 per share. We paid $44,425 in commissions to agents as part of these trades.

[2] During Q1 2022, the Company issued 2,128,554 options to members of its executive committee and to all non-executive directors. These options were all issued under the 2021 Equity Incentive Plan, which commenced during Q3 2021 and provides the recipient with the option to exercise at a future point in time in exchange for one Class A Ordinary Share. Each option award includes a minimum strike price and has either service, market or non-market conditions attached. We consider the options to be service awards under IFRS 2 and classifies the vesting period, which varies by award. This is a non-cash expense. No options were issued or exercised during Q2 or Q3 2022.

GRANT REQUEST UPDATE – SUBSEQUENT TO SEPTEMBER 30, 2022 (€000's) (Unaudited)

GRANT INCOME	TOTAL ESTIMATED	TOTAL APPROVED	TOTAL INVOICED (TO DATE)
POSEUR – HEVO-Sul[1]	4,291	4,291	2,646
AICEP – Benavente (Cash portion)[2]	4,420	4,420	814
C-14 – HEVO-Industria[3]	10,000	10,000	-
Other grant applications[4]	60,000	30,000	-
TOTAL	**78,711**	**48,711**	**3,460**

[1] During the second quarter of 2021, Fusion Fuel submitted three projects to Portugal's Operational Program for Sustainability and Efficient Use of Resources (POSEUR) (About the Programme | POSEUR (portugal2020.pt)). One of these projects related to a company-owned HEVO-Sul project located in Sines, Portugal. We have received approval from the POSEUR for the HEVO-Sul project. The Portuguese government has allocated €40 million in direct grants for the POSEUR program, which aims to support the production of green hydrogen and other renewable gases, and Fusion Fuel has been approved for €4.3 million in grant for this project. The grant agreement has an effective date of 27 August 2021. At the beginning of August 2022, we submitted our first claim under this agreement, which amounted to €2.6 million.

[2] On 31 December 2021, Fusion Fuel ("FF") entered an agreement with Agência para o Investimento e Comércio Externo de Portugal, E.P.E. ("AICEP") where AICEP approved a non-refundable investment grant. AICEP Portugal Global is an independent public entity of the Government of Portugal, with the goal of attracting foreign investment to Portugal and supporting the internationalization of Portuguese companies into the global economy (AICEP Portugal Global). The total value of this grant was €9.3 million of which €4.4m related to 'cash' reimbursements with the remainder made up of tax credits to be utilized against future profits. Since May 2022, we have submitted two claims, totaling €0.8 million.

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[4] Includes projects in Portugal and Spain, however this excludes the IPCEI submission as this project is so large it can significantly distort the values.

Executive Offices

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contact@fusion-fuel.eu

Portugal
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Shareholder Inquiries

Information about the firm, including all quarterly earnings releases and financial filings with the U.S. Securities and Exchange Commission, can be accessed via our Web site at www.fusion-fuel.eu

Shareholder inquiries can also be directed to Investor Relations via email at ir@fusion-fuel.eu

Transfer Agent and Registrar for Common Stock

Questions from registered shareholders of FUSION-FUEL Green Plc. regarding lost or stolen stock certificates, dividends, changes of address, and other issues related to registered share ownership should be addressed to:

Mark Zimkind
1 State Street
New York, NY 10004

Exhibit 99.2

FUSION FUEL™

Disclaimer

This presentation includes statements of future events, conditions, expectations, and projections of Fusion Fuel Green plc (the "Company"). Such statements are "forward looking statements" within the meaning of the "safe harbor" provisions of the United States Private Securities Litigation Reform Act of 1995. The Company's actual results may differ from its expectations, estimates and projections and, consequently, you should not rely on these forward-looking statements as predictions of future events. Words such as "expect," "estimate," "project," "budget," "forecast," "anticipate," "intend," "plan," "may," "will," "could," "should," "believe," "predict," "potential," and similar expressions are intended to identify such forward-looking statements. These forward-looking statements include, without limitation, estimates and projections of future performance, which are based on numerous assumptions about sales, margins, competitive factors, industry performance and other factors which cannot be predicted. Such assumptions involve a number of known and unknown risks, uncertainties, and other factors, many of which are outside of the Company's control, including, among other things: the failure to obtain required regulatory approvals; changes in Portuguese, Spanish, Moroccan, or European green energy plans; the ability to obtain additional capital; field conditions and the ability to increase production capacity; supply chain competition; changes adversely affecting the businesses in which the Company is engaged; management of growth; general economic conditions, including changes in the credit, debit, securities, financial or capital markets; and the impact of COVID-19 or other adverse public health developments on the Company's business and operations. Should one or more of these material risks occur or should the underlying assumptions change or prove incorrect, the actual results of operations are likely to vary from the projections and the variations may be material and adverse.

The forward-looking statements and projections herein should not be regarded as a representation or prediction that the Company will achieve or is likely to achieve any particular results.

The Company cautions readers not to place undue reliance upon any forward-looking statements and projections, which speak only as of the date made. The Company does not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in its expectations or any change in events, conditions or circumstances on which any such statement is based.

Financial Update Presentation

The Company's consolidated financial data is prepared in accordance with International Financial Reporting Standards as adopted by the International Accounting Standards Board ("IFRS") and is denominated in Euros ("EUR" or "€"). The numbers shown in this presentation have not been audited and therefore may vary to the final financial results disclosed by the company as part of the annual report. The unaudited consolidated financial data reflects, in the opinion of management, all adjustments, consisting of normal recurring adjustments, considered necessary for a fair statement of the Company's financial data for the periods indicated. The unaudited consolidated financial data should be read in conjunction with the audited consolidated financial statements and notes thereto for the year ended December 31, 2021 included in the Company's Annual Report on Form 20-F for the year ended December 31, 2021.

Use of Social Media as a Source of Material News

The Company uses, and will continue to use, its LinkedIn profile, website, press releases, and various social media channels, as additional means of disclosing information to investors, the media, and others interested in the Company. It is possible that certain information that the Company posts on social media or its website, or disseminates in press releases, could be deemed to be material information, and the Company encourages investors, the media and others interested in the Company to review the business and financial information that the Company posts on its social media channels, website, and disseminates in press releases, as such information could be deemed to be material information.

AGENDA

FUSION FUEL™

- Focus on Fusion
- Q3 Financials & Highlights
- Commercial Update
- Production & Tech
- 2022 Milestones
- Chairman's Remarks
- Q&A

01– FOCUS ON FUSION

01 – FUSION FUEL: A LEADING PURE PLAY HYDROGEN TECHNOLOGY COMPANY

FUSION FUEL™

Fusion Fuel is an emerging leader in the green hydrogen sector committed to accelerating the energy transition through the development of disruptive, scalable, clean hydrogen solutions

Transformative Tech

Revolutionary, proprietary micro-electrolyzer technology that makes green hydrogen cost-competitive today, particularly for high-value applications like mobility

Decentralized Approach

Unique market positioning that enables decentralized hydrogen end-use, bypassing current need for costly infrastructure buildout, making it perfect for mobility applications

First Mover Advantage

Fusion Fuel is already producing green hydrogen today at our first-of-its-kind solar-to-hydrogen project in Evora, Portugal

Actionable Projects

2.4 GW commercial pipeline, clear focus on mobility with Exolum's project in construction and the development of a Portuguese HRS backbone

FUSION FUEL™

02–
Q3 HIGHLIGHTS & FINANCIAL REVIEW

Key Developments

- Received approval for €10 million in grant funding from C-14 of PRR to develop the HEVO-Industria project in Sines
- Black & Veatch completed independent technology assessment of Fusion Fuel and HEVO-Solar system
- TUV SUD completed three-month performance audit of HEVO-Solar system
- Commenced construction on Exolum project in Madrid, Spain
- Filed two additional patents

Subsequent Events

- Announcement of €5 million Tech Sale Contract for 3.2 MW Green Hydrogen Project in Spain
- Commissioning of H2Évora Green Hydrogen Plant
- Announcement of €2 million Tech Sale Contract with KEME Energy for Green Hydrogen Project in Portugal
- Announcement of an Agreement with Duferco Energia SpA to develop Italian Green Hydrogen Market
- Participation in 4 Projects Pre-Selected for Grants through Spain's H2 Pioneros Program
- Announcement of an Agreement with Electus Energy to Develop a 75 MW Green Hydrogen Project in Bakersfield, California
- Introduced a new centralized PEM electrolyzer solution, the HEVO-Chain and filed respective patent

KEY FINANCIALS & FIGURES (€000's) (Unaudited)	Q3 2022	Q2 2022
o/w share-based payment (non-cash) expenses[1]	(878)	(954)
o/w operating expenses[2]	(4,649)	(3,943)
OPERATING (LOSS) INCOME	**(5,527)**	**(4,897)**
o/w fair value movement – warrants[3]	3,841	6,717
o/w finance gain/ (loss), net[4]	288	504
o/w share of loss of equity-accounted investees[5]	(240)	(167)
PRE-TAX (LOSS) / PROFIT	**(1,637)**	**2,157**

[1] The Q3 2022 expenses relates to the Company granting 57,896 RSU's to employees, directors and consultants during the year ended December 31, 2021, and 59,441 RSU's to employees during the nine months ended September 30, 2022. In Q1 2022, the Company issued 2,128,554 options, in total, to five of its senior managers and all non-executive directors. As the RSUs and options awarded are dependent on future service being provided to the Company, the Company considers them to be service awards under IFRS 2 and classifies both the expected share awards in equity with a corresponding compensation expense in the income statement. These are non-cash expenses.

[2] These expenses are related with the operational activity of the Group. Our personnel costs increased by €0.6m in Q3 2022 when compared to Q2 2022. A significant portion of this increase was due to an increase in our headcount during June 2022 and Q3 2022. We had 22 new hires in June and 23 during Q3. For the 22 new hires in June, Q3 was the first quarter with a full charge for these staff members. During this period, we also saw increases to the running cost of our Evora plant as it moved towards its operating stage which were offset by reductions in marketing costs, professional fees and motor, travel & subsistence costs.

[3] Derivatives are initially recognized at their fair value on the date the derivative contract and transaction costs are expensed to profit or loss. Warrants are subsequently re-measured at fair value at each reporting date with changes in fair value recognized in profit or loss. The fair value of the warrants is determined with reference to the prevailing market price on NASDAQ under the ticker HTOOW. No warrants have been exercised since Q1 2021. These fair value movements represent non-cash items.

[4] Included in this caption are positive foreign exchange rate variances being offset by a reduction in the fair value of our short-term investments. All short-term investments positions were closed by the end of Q3.

[5] This relates to the Company's investment in Fusion Fuel Spain, S.L. ("Fusion Fuel Spain"). The Company holds a 50% interest in Fusion Fuel Spain and extended a loan facility up to €2 million of which €0.5 million had been drawn down during the nine months ended September 30, 2022. The Company's investment in Fusion Fuel Spain is accounted for using the equity method. Under the equity method, the investment is initially recognized at cost. The carrying amount is adjusted to recognize changes in the Company's share of net assets of the joint venture since the acquisition date.

KEY FINANCIALS & FIGURES (€000's) (Unaudited)	Q3 2022	Q2 2022
Property, plant and equipment[1]	27,958	26,628
Intangible assets[2]	5,650	5,374
TOTAL NON-CURRENT ASSETS	**33,608**	**32,002**
Prepayments and other receivables[3]	5,470	5,098
Inventory	12,037	9,490
VAT receivable[4]	6,574	5,899
Financial asset investments (fair value)	-	8,609
Cash and cash equivalents	3,610	1,996
TOTAL CURRENT ASSETS	**27,691**	**31,092**
TOTAL ASSETS	**61,299**	**63,094**

KEY FINANCIALS & FIGURES (€000'S) (Unaudited)	Q3 2022	Q2 2022
Trade and other payables[5]	4,320	4,316
Cost accruals	1,558	959
Derivative financial instruments - Warrants[6]	9,736	13,577
TOTAL LIABILITIES	**15,614**	**18,852**
TOTAL NET ASSETS	**45,685**	**44,242**

[1] The balance includes our Benavente facility (€10.1m), our Évora demonstrator plants (€7m), and our HEVO-Sul project in Sines, Portugal (€8.9m). In addition, we have recognized Right of Use assets for our lease arrangements in accordance with IFRS 16 *Leases* (€1.4m).

[2] Recognized here is the IP that transferred about part of our merger in 2020 (€1.9m) and the spend incurred on our HEVO technology to date (€3.7m).

[3] Advanced payments to supplier's accounts for €2.8m of this balance. In addition, we have deferred costs relating to our ongoing Exolum project (€1.2m) and a grant receivable balance of €0.8m.

[4] To date, we have submitted four separate reimbursement requests totaling €3.9m of which €0.6m was received in October 2022 and €0.6M was received in November 2022. For the remaining amount requested (two separate claims), we expect both amounts to be paid (€2.6m) in the first half of December 2022.

[5] €2.7M of this balance represents amounts owed to suppliers. The remaining balance relates to IFRS 16 *Leases* bookings (€1.4m) and payroll related taxes owed in Portugal and Ireland (€0.3m).

[6] Derivatives are initially recognized at their fair value on the date the derivative contract and transaction costs are expensed to profit or loss. Warrants are subsequently re-measured at fair value at each reporting date with changes in fair value recognized in profit or loss. The fair value of the warrants is determined with reference to the prevailing market price on NASDAQ under the ticker HTOOW. The market price at September 30, 2022 was $1.07 (June 30, 2022: $1.59).

SHARES, WARRANTS AND EQUITY PLAN AT PERIOD END	Q3 2022	Q2 2022
ORDINARY SHARES		
Class A[1]	11,293,992	10,998,723
Class B	2,125,000	2,125,000
TOTAL SHARES OUTSTANDING	**13,418,992**	**13,123,723**
WARRANTS OUTSTANDING	**8,869,633**	**8,869,633**
RSUs OUTSTANDING	**111,484**	**99,802**
OPTIONS OUTSTANDING[2]	**2,128,554**	**2,128,554**

[1] On June 6, 2022, we entered into an At the Market Issuance Sales Agreement ("the ATM") with B. Riley Securities, Inc., Fearnley Securities Inc., and H.C. Wainwright & Co., LLC, pursuant to which the Company may offer and sell, from time to time, through or to the agents, acting as agent or principle, shares of the Company's common stock having an aggregate offering price of up to $30 million under the Company's Form F-3 registration statement. Between July 11, 2022, and September 30, 2022, we sold 295,269 class A ordinary shares for net proceeds of $2,204,959 at an average sales price of $7.35 per share. We paid $66,149 in commissions to agents as part of these trades. Between October 3, 2022 and November 14, 2022, we sold 386,657 class A ordinary shares for net proceeds of $1,480,833 at an average sales price of $4.02 per share. We paid $44,425 in commissions to agents as part of these trades.

[2] During Q1 2022, the Company issued 2,128,554 options to members of its executive committee and to all non-executive directors. These options were all issued under the 2021 Equity Incentive Plan, which commenced during Q3 2021 and provides the recipient with the option to exercise at a future point in time in exchange for one Class A Ordinary Share. Each option award includes a minimum strike price and has either service, market or non-market conditions attached. We consider the options to be service awards under IFRS 2 and classifies the vesting period, which varies by award. This is a non-cash expense. No options were issued or exercised during Q2 or Q3 2022.

GRANT REQUEST UPDATE – SUBSEQUENT TO SEPTEMBER 30, 2022 (€000's) (Unaudited)

GRANT INCOME	TOTAL ESTIMATED	TOTAL APPROVED	TOTAL INVOICED (TO DATE)
POSEUR – HEVO-Sul[1]	4,291	4,291	2,646
AICEP – Benavente (Cash portion only)[2]	4,420	4,420	814
C-14 – HEVO-Industria[3]	10,000	10,000	-
Other grant applications[4]	60,000	30,000	-
TOTAL	**78,711**	**48,711**	**3,460**

[1] During the second quarter of 2021, Fusion Fuel submitted three projects to Portugal's Operational Program for Sustainability and Efficient Use of Resources (POSEUR) (About the Programme | POSEUR (portugal2020.pt)). One of these projects related to a company-owned HEVO-Sul project located in Sines, Portugal. We have received approval from the POSEUR for the HEVO-Sul project. The Portuguese government has allocated €40 million in direct grants for the POSEUR program, which aims to support the production of green hydrogen and other renewable gases, and Fusion Fuel has been approved for €4.3 million in grant for this project. The grant agreement has an effective date of 27 August 2021. At the beginning of August 2022, we submitted our first claim under this agreement, which amounted to €2.6 million.

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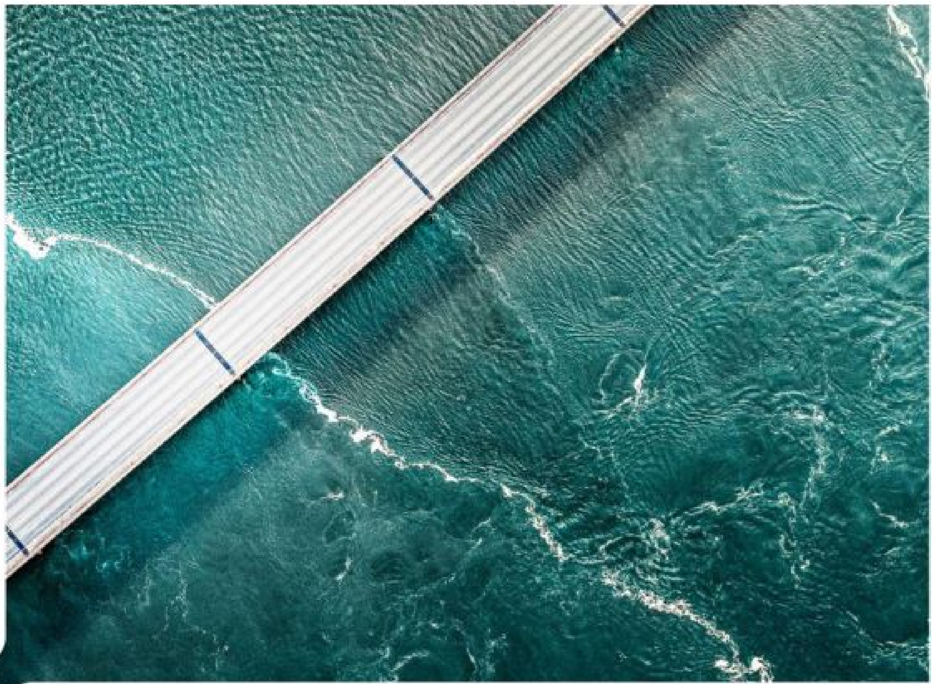
[4] Includes projects in Portugal and Spain, however this excludes the IPCEI submission as this project is so large it can significantly distort the values.

FUSION FUEL™

03–
COMMERCIAL UPDATE



Multifaceted approach to deliver on our near-term commercial objective:
securing confirmed orders for 100% of our production capacity in 2023 and beyond

1. De-risk 2023 pipeline with all projects having secured grants and virtually all with land and permitting underway
   - Estimated 2023 revenues of €40 million
   - Roughly 1/3 of 2023 pipeline is tech sales with the balance being Fusion Fuel-owned development projects

2. Leverage early successes in Portugal as a template to expand into other core markets, beginning with a focus on mobility opportunities and targeted industrial decarbonization projects

2023
- Iberian focused pipeline
- Grants secured for all opportunities
- Significant inventory in place to deliver on committed order book

2024 & Beyond
- Bakersfield & H2HEVOSines make up 150 MW of HEVO-Solar demand for 2024-25 production
- Extend reach into priority growth markets of Italy and North America

03 – 2023 TECHNOLOGY SALE PIPELINE

FUSION FUEL™

Fusion Fuel is providing solutions to its customers and supporting them from permitting through operation. We have a robust pipeline of near-term tech sales that have either secured or are in the process of securing grants. This pipeline will serve as a template for expansion into larger projects.

#	Location	Vertical	# of HS Units	Electrolysis Capacity	Total Amount	Current Status	Land	Permitting	Offtake	COD
1	Portugal		62	1.5 MW	€2	Contract Signed	✓	✓	WIP	1H 2023
2	Spain		144	3.2 MW	€11	FEED	✓	WIP	WIP	4Q 2023
3	Portugal		62	1.5 MW	€2	Pre-FEED	✓	WIP	WIP	1H 2024
4	Italy		50	1.25 MW	€2	Pre-FEED	✓	WIP	WIP	1H 2024
5	Spain		22	0.5 MW	Confidential	Public Tender submitted	✓	✓	N/A	2H 2023
6	Spain		87	2.2 MW	€5	Awaiting Grant	✓	WIP	WIP	1H 2024
7	Spain		100	2.6 MW	€6	Awaiting Grant	✓	WIP	N/A	1H 2024
8	Spain		118	2.9 MW	€10	Awaiting Grant	✓	WIP	WIP	2H 2024
9	Spain		100	2.5 MW	€7	Awaiting Grant	✓	WIP	WIP	2Q 2024
Total			**743**	**18.1 MW**	**€45**					

* Spanish Projects are COD

03 – 2023 PROJECT DEVELOPMENT PIPELINE

We are creating considerable value by continuing to build on our portfolio of near-term development projects centered around Iberia. There are several different strategies we are considering for monetizing these assets, including selling some or all of the equity to infrastructure funds.

Project[1]	Location	Vertical	Electrolysis Capacity	Capital Investment	Grant (€m)	Status	Land	Permitting	Offtake	COD
Elvas	Portugal		3.4 MW	€9	TBD	Pre-FEED	✓	WIP	✓	1H 2025
Azambuja	Portugal		4.8 MW	€13	TBD	Pre-FEED	✓	WIP	WIP	2H 2024
Sines I	Portugal		4.4 MW	€16	€4.29	FEED	✓	✓	WIP	1H 2024
Sines II	Portugal		7.5 MW	€25	€10	Pre-FEED	✓	WIP	WIP	1H 2024
Sines III	Portugal		75 MW	€178	TBD	Concept	WIP	WIP	WIP	2H 2025
Bakersfield	United States		74 MW	€175	TBD	Concept	✓	WIP	WIP	1H 2025
Total			**170 MW**	**€416**	**€14.29**					

[1] Sines Phases I-III refer to the following projects, respectively: HEVO-Sul, HEVO-Industria, H2HEVOSines

FUSION FUEL™

The strong solar irradiance, coupled with the Inflation Reduction Act's tax credits, immediately make Fusion Fuel's green hydrogen cost-competitive in the United States. We are accelerating our market expansion strategy to capitalize on this unique opportunity.

The IRA is a green hydrogen game changer:

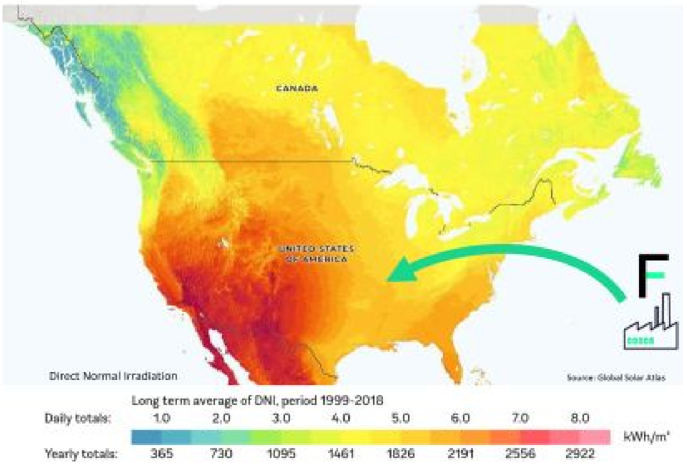
H_2 Tax Credits

- Production tax credits of up to \$3 / kg can be claimed for 10 years on H_2 produced; or
- an investment tax credit of up to 30% can be claimed on the cost of the hydrogen plant.

Solar Tax Credits

- The solar generating facility will qualify for at least a 30% investment tax credit; or
- for production tax credits on the first 10 years of electricity output.

Canada's response: Canada recently passed 40% investment tax credit for gH_2 projects



- Fusion Fuel recently entered into an exclusive agreement with Electus Energy to develop a large-scale green hydrogen project in Bakersfield, CA
- The project entails a 75 MW solar-to-hydrogen facility delivering 9,300 tonnes[1] of green hydrogen per annum
- The project is expected to reach FID in 1H24 and commissioning in 1H25. Expected to be in scope for the IRA-related tax credits which significantly enhances returns for the project
- We have entered into a land-lease agreement securing water rights and 130 hectares (~320 acres) in Kern County, CA which is one of the key industrial hubs in California
- We have also engaged Black & Veatch to perform a pre-feasibility study on the project
- Negotiations have commenced with prospective offtakers, with a multipronged strategy focused on gas blending opportunities along with mobility opportunities for heavy-duty commercial trucking and logistics providers
- Fusion Fuel is discussing a broader relationship with Electus which includes jointly developing additional projects in Arizona, New Mexico and Northwest Texas to create a mobility highway from California to Texas

[1] Production volumes envisioned by the project assume a grid connection to enable overnight / continuous production

We view Italy as a natural extension of our core European business owing to its excellent solar irradiance, natural gas infrastructure, and proximity to our existing operations. We have entered into a commercial agreement with Duferco Energia SpA to anchor our expansion into that new market.

Duferco Partnership Scope

Duferco is a highly qualified and diversified Group, with its core activities in the Energy, Industrial and Shipping businesses

Strategic partnership focused on:

- Italian market development
- Building an actionable pipeline of development opportunities and turnkey technology-sale projects for strategic clients
- Possible expansion to select markets in MENA (i.e., Algeria, Tunisia)

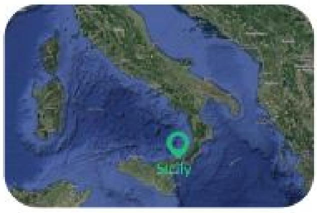
Partnership will leverage Duferco's:

- Local sales network and knowledge
- Deep expertise in shipping and logistics

Duferco Energia

Duferco Pilot: Giammoro Project

- 1.25MW pilot project at Duferco's industrial site in Giammoro, Sicily
- 50 HEVO-Solar units, producing ~46 tonnes of green hydrogen per year that will feed a molten carbonate fuel cell system
- To be installed during 2024
- Cornerstone project in Italy, showcase for HEVO technology to demonstrate its potential in a strategic market



Growth Strategy

- Explore mobility projects in southern Italy; ideal for HEVO-Solar technology
- Mobility backbone, starting with 2-4 HRS projects
- Prepare PNRR applications to be launched in March 2023
- Same winning formula as in the Iberia, leveraging existing partnerships and available grants

- Explore projects in the industrial region in northern Italy, suitable for HEVO-Chain
- Anchor project will be the new Duferco Brescia steel mill facility
- Prepare PNRR applications to be launched in March 2023
- Same formula employed in Sines, Portugal, with the hydrogen valley concept

FUSION FUEL™

04– TECHNOLOGY UPDATE

We are committed to building on the competitive advantage of our HEVO technology, continually reducing system cost and complexity while improving the efficiency and productive capacity

HEVO 2020

- 864 units per HEVO-Solar
- 1 bar of unit output pressure

HEVO 2021

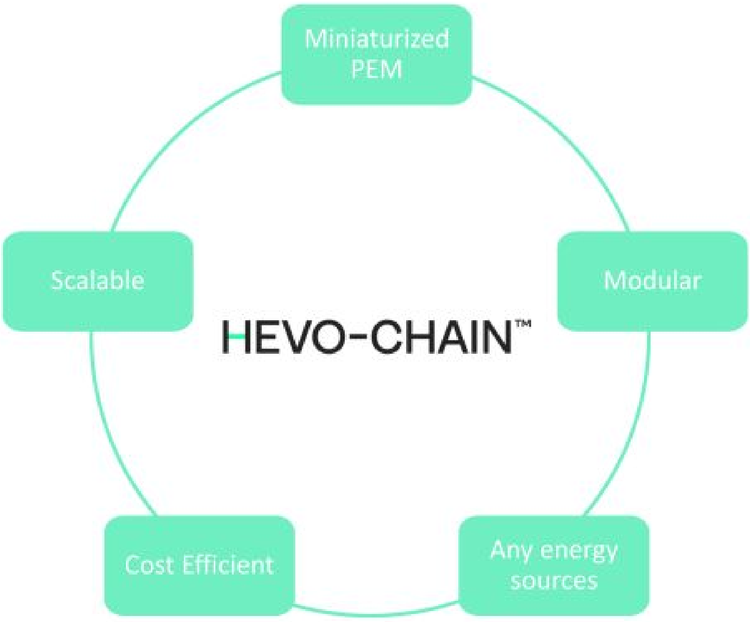
- 288 units per HEVO-Solar
- 1 bar of unit output pressure

HEVO 2022

- 144 units per HEVO-Solar
- 4 bar of unit output pressure
- ~12% increase in H_2 throughput
- ~50% reduction in cost vs. 2021

HEVO 2023

- 72 units per HEVO-Solar
- 4 bar of unit output pressure
- Addl. increase in H_2 throughput
- ~20% reduction in cost vs. 2022


Miniaturized PEM
Scalable
Modular
HEVO-CHAIN™
Cost Efficient
Any energy sources

HEVO-Chain represents a revolutionary advance in the design of centralized PEM electrolyzers.
With HEVO-Chain & HEVO-Solar, we will be positioned to deliver solutions for every customer at any size and location.

- Each HEVO-Chain hydrogen unit consists of 16 interconnected HEVO micro-electrolyzers in a string, enclosed in a fully-controllable module
- The system is designed for scalability, allowing for up to eight stackable modules to be integrated seamlessly in a 19" cabinet or over 250 modules in a multi-megawatt containerized solution
- HEVO-Chain is location and power agnostic; can be deployed anywhere and connected to any source of renewable energy
- Modularity of the system unlocks a market leading cost / kW for a centralized PEM electrolyzer

Technical Specifications:

- Outlet Pressure: **4 bars**
- Electrolysis Capacity: **11.2 kW**
- Maximum Energy Consumption: **47.4 kWh/kg**
- Minimal Electrochemical Efficiency: **70.2%**
- HEVO-Chain Production Per 24H: **5.6 kg of H_2**

HEVO-Chain Hydrogen Unit

04 – HEVO-CHAIN COMPONENT DEVELOPMENT

2022 | **2023** | **2024** | **2024 Target Commercial Operation**

Prototype Development

Operational prototype ready during 4Q22

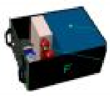
Existing HEVO-Solar water supply system

Existing HEVO-Solar power systems

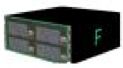
Component Development

Performance and reliability testing

Containerizing water system

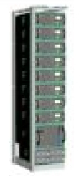


Containerizing power systems



Systems Integration

Rack 90kW



Container up to 3 MW

FUSION FUEL™

Ramping up production in Benavente each month

Holding a €12 million inventory which significantly de-risks 2023 production

- **2Q 2021** — Purchase of Factory
- **3Q 2022** — Start of Renovations
- **1Q 2022** — Renovations Complete
- **May 2022** — HEVO Production Go-Live

COMPLETED | IN PROGRESS

- **1Q 2023** — Launch Solar Concentration Line
- **2Q 2023** — Launch Solar Module Line

~100 MW
Annual Production Capacity Installed

FUTURE

- **2024** — HEVO-Chain Production Line

500 MW
Target Annual Production Capacity at end of 2025

05 – MILESTONES

Our five key milestones for 2022:

1 –

PRODUCTION

- ○ Full go-live of Benavente facility
- ✓ Secure grants and financing for Benavente facility

2 –

HPA, SALES & GRANTS

- ○ Fill 2022 and 2023 pipeline with confirmed orders
- ✓ Secure grants for company-owned plants and for third-party projects

3 –

TECH DEVELOPMENT

- ✓ Launch next gens of HEVO and HEVO-Solar
- ■ Introduce O_2 Capture System
- ✓ Continue product innovation and new product development

4 –

PROJECT DEVELOPMENT

- ✓ Finalize delivery of approved projects in Portugal and Spain
- ○ Kick-off development of projects that will be in construction in 2022 and 2023
- ○ Secure required licenses for existing project portfolio

5 –

SAFETY

- ✓ Promote health & safety as a core pillar of Firm's culture
- ✓ Implement robust safety protocols
- ✓ Zero safety incidents Company-wide

✓ Complete
○ In Progress
■ Not Yet Started

Q&A