## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## FORM 8-K

# CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): November 3, 2023

## RMG ACQUISITION CORP. III

(Exact name of registrant as specified in its charter)

C	ayman Islands
(State or other j	jurisdiction of incorporation)

001-40013 (Commission File Number) 98-1574120 (IRS Employer Identification No.)

57 Ocean, Suite 403
5775 Collins Avenue
Miami Beach, Florida
(Address of principal executive offices)

33140 (Zip Code)

(786) 359-4103 (Registrant's telephone number, including area code)

Not Applicable (Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intend	led to simultaneously sa	atisfy the filing obligation o	f the registrant under any of th	e
following provisions:				

$\times$	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Title of Cacif Class	Symbol(3)	winch registered
Units, each consisting of one Class A ordinary share and one-fifth of one	RMGCU	The Nasdaq Stock Market LLC
redeemable warrant		
Class A ordinary shares included as part of the units	RMGC	The Nasdaq Stock Market LLC
Redeemable warrants included as part of the units	RMGCW	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ⊠

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.  $\Box$ 

## Item 7.01 Regulation FD Disclosure.

On May 9, 2023, RMG Acquisition Corp. III ("RMG III") entered into an Agreement and Plan of Merger (the "Merger Agreement") with H2B2 Electrolysis Technologies, Inc., a Delaware corporation ("H2B2"). The material terms and conditions of the Merger Agreement and the related ancillary agreements were previously disclosed in the Current Report on Form 8-K filed by the RMG III with the U.S. Securities and Exchange Commission (the "SEC") on May 12, 2023 and are incorporated by reference herein.

Attached as Exhibit 99.1 to this Current Report on Form 8-K and incorporated by reference herein is the form of presentation to be used by RMG III and H2B2 in presentations for certain of RMG III's and H2B2's securityholders and other persons. Such exhibit and the information set forth therein shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise be subject to the liabilities of that section, nor shall it be deemed to be incorporated by reference in any filing under the Securities Act of 1933, as amended (the "Securities Act"), or the Exchange Act.

## Important Information and Where to Find It

This Current Report on Form 8-K relates to a business combination between RMG III and H2B2 (the "Business Combination"). In connection with the Business Combination, RMG III has filed with the SEC a registration statement on Form S-4, which includes a preliminary proxy statement/prospectus (as amended from time to time, the "Proxy Statement/Prospectus"). A definitive proxy statement/prospectus will be mailed to RMG III's shareholders as of a record date to be established for voting on the Business Combination and other matters as described in the Proxy Statement/Prospectus. The Proxy Statement/Prospectus will include information regarding the persons who may, under SEC rules, be deemed participants in the solicitation of proxies to RMG III's shareholders in connection with the Business Combination. RMG III will also file other documents regarding the Business Combination with the SEC. BEFORE MAKING ANY VOTING OR INVESTMENT DECISION, INVESTORS AND SECURITY HOLDERS OF RMG III, AND OTHER INTERESTED PERSONS, ARE URGED TO READ THE PROXY STATEMENT/PROSPECTUS, THE DEFINITIVE PROXY STATEMENT/PROSPECTUS AND ALL OTHER RELEVANT DOCUMENTS FILED OR THAT WILL BE FILED WITH THE SEC IN CONNECTION WITH THE BUSINESS COMBINATION, INCLUDING ANY AMENDMENTS OR SUPPLEMENTS TO THESE DOCUMENTS, CAREFULLY AND IN THEIR ENTIRETY BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED BUSINESS COMBINATION, RMG III AND H2B2.

Investors and security holders will be able to obtain free copies of the Proxy Statement/Prospectus and all other relevant documents filed or that will be filed with the SEC by RMG III through the website maintained by the SEC at www.sec.gov. In addition, the documents filed by RMG III may be obtained free of charge from RMG III's website at www.rmgacquisition.com/rmgiii or by written request to RMG III at RMG Acquisition Corp. III, 57 Ocean, Suite 403, 5775 Collins Avenue, Miami Beach, Florida.

## **Participants in the Solicitation**

RMG III, H2B2 and certain of their respective directors and officers may be deemed to be participants in the solicitation of proxies from RMG III's shareholders in connection with the Business Combination. Information about RMG III's directors and executive officers and their ownership of RMG III's securities is set forth in RMG III's filings with the SEC, including RMG III's Annual Report on Form 10-K for the year ended December 31, 2022, which was filed with the SEC on April 18, 2023. Additional information regarding the interests of those persons and other persons who may be deemed participants in the Business Combination may be obtained by reading the Proxy Statement/Prospectus regarding the Business Combination. You may obtain free copies of these documents as described in the preceding paragraph.

## No Offer or Solicitation

This Current Report on Form 8-K and the information contained herein do not constitute or form part of, and should not be construed as, (i) an offer to sell or the solicitation of an offer to buy any security, commodity or instrument or related derivative, (ii) a solicitation of a proxy, consent, vote of approval or authorization in any jurisdiction with respect to any securities or the Business Combination or (iii) an offer or commitment to lend, syndicate or arrange a financing, underwrite or purchase or act as an agent or advisor or in any other capacity with respect to any transaction, or commit capital, or to participate in any trading strategies. There shall not be any sale of securities in any jurisdiction in which the offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. No offer of securities in the United States or to or for the account or benefit of U.S. persons (as defined in Regulation S under the Securities Act) shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act or an exemption therefrom. Investors should consult with their counsel as to the applicable requirements for a purchaser to avail itself of any exemption under the Securities Act.

## **Forward-Looking Statements**

This current report on Form 8-K, including Exhibit 99.1 incorporated by reference herein, contains certain forward-looking statements within the meaning of the federal securities laws. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. All statements contained in this presentation that do not relate to matters of historical fact should be considered forward-looking statements. Forward-looking statements may include but are not limited to, statements relating to the consummation of the Business Combination, the financial and business performance of H2B2, the H2B2's anticipated results from operations in future periods and the products and services offered by H2B2, the markets in which H2B2 operates, the projects which H2B2 operates, H2B2's customers and H2B2's projected future results (including EBITDA, cash flow, revenue and net income). In addition, any statements that refer to projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, are forward-looking statements. In some cases, you can identify forward-looking statements by terms such as "may," "will," "should," "expect," "plan," "anticipate," "could," "intend," "target," "project," "projection," "contemplate," "believe," "estimate," "predict," "potential", "plan," "pipeline," or "continue" or the negative of these terms or other similar expressions, although not all forward-looking statements are identified by these terms or expressions and the absence of such words does not mean that a statement is not forward-looking. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this document, including but not limited to: (a) the risk that the Business Combination may not be completed in a timely manner or at all, which may adversely affect the price of RMG III's securities; (b) the risk that the Business Combination may not be completed by RMG III's business combination deadline and the potential failure to obtain an extension of the Business Combination deadline if sought by RMG III; (c) the failure to satisfy the conditions to the consummation of the Business Combination, including the adoption of the Merger Agreement by the shareholders of RMG III and the stockholders of H2B2, the satisfaction of the minimum trust account amount following redemptions by RMG III's public shareholders and the receipt of certain governmental and regulatory approvals; (d) the lack of a third-party valuation in determining whether or not to pursue the Business Combination; (e) the occurrence of any event, change or other circumstance that could give rise to the termination of the Merger Agreement; (f) the effect of the announcement or pendency of the Business Combination on H2B2's business relationships, performance, and business generally; (g) risks that the Business Combination disrupts current plans of H2B2 or diverts management's attention from H2B2's ongoing business operations and potential difficulties in H2B2 employee retention as a result of the Business Combination; (h) the outcome of any legal proceedings that may be instituted against H2B2, RMG III or their respective directors or officers related to the Merger Agreement or the Business Combination; (i) the amount of the costs, fees, expenses and other charges related to the Business Combination; (j) the ability to maintain the listing of RMG III's securities on the Nasdaq Capital Market; (k) the price of RMG III's securities may be volatile due to a variety of factors, including changes in the competitive and highly regulated industries in which H2B2 plans to operate, variations in performance across competitors, changes in laws and regulations affecting H2B2's business and changes in the combined capital structure; (1) the ability to implement business plans, forecasts, and other expectations after the closing of the Business Combination, and identify and realize additional opportunities, including the conversion of pre-orders into binding orders; (m) the ability of RMG III to issue equity or equity-linked securities in connection with the Business Combination or in the future; (n) the risk of downturns in the renewable energy industry; (o) the impact of the global COVID-19 pandemic on any of the foregoing. The foregoing list of factors is not exhaustive. You should carefully consider the foregoing factors and the other risks and uncertainties described in the "Risk Factors" section of RMG III's registration statement on Form S-4, the Proxy Statement/Prospectus contained therein, RMG III's Annual Report on Form 10-K, RMG III's Quarterly Reports on Form 10-O and other documents filed by H2B2 or RMG III from time to time with the SEC. The risks and uncertainties described in such filings as well as other factors may cause actual events, results or performance to be materially different from those contained in the forward-looking statements, H2B2's estimates and beliefs or the estimates prepared by independent parties, and H2B2 may not actually achieve the plans, intentions or expectations disclosed in the forwardlooking statements, including but not limited to the matters referred to as part of H2B2's pipeline and projections. The inclusion of projections in this communication should not be regarded as an indication that H2B2 and RMG III, or their representatives, considered or consider the projections to be a reliable prediction of future events. Pro forma, projected and estimated numbers and pipelines are used for illustrative purpose only, are not forecasts and may not reflect actual results. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and, except as required by applicable law, H2B2 and RMG III assume no obligation and do not intend to update or revise any information contained herein, including, but not limited to, any forward-looking statements, financial projections and estimates, whether as a result of new information, future events, or otherwise. Neither H2B2 nor RMG III gives any assurance that either H2B2 or RMG III will achieve its expectations. The inclusion of any statement in this communication does not constitute an admission by H2B2 or RMG III or any other person that the events or circumstances described in such statement are material.

## Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit	Description
99.1	Investor presentation, dated as of November 3, 2023
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

## SIGNATURE

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 hereunto duly authorized.

## RMG ACQUISITION CORP. III

By: /s/ Robert S. Mancini

Name: Robert S. Mancini
Title: Chief Executive Officer

Dated: November 3, 2023



## **H2B2 Electrolysis Technologies**

**Investor Presentation** 



November 2023

## **Disclaimer**



This presentation has been prepared for use by 1932 Exectoryink Technologies, Ize, (together with its subsidication and efficiency for the business on dependent on the Company and asset and prepared to a second or the presentation of the business and operation of the Company and asset and prepared to a second or prepared to a second or the presentation of the business and operations of the Company and asset and previously of the presentation in presentation or the presentation of t

This presentation close not constitute or form port of, and should not be construed on, (i) on offer to sell or the solicitation or ell on provide or construent or provided derivative, (ii) a solicitation of a proxy, consent, vote of approved or outbricterion in only jurisdiction with respect to only securities or the Business Combination or (iii) on offer or commitment to lend, syndrotes or lend syndrotes or lend to lend

#### Additional Information and Where to Find I

In connection with the Business Combination, RNG III III filled with the SEC or registration statement on Form \$-4, which includes a preliminary proxy statement/prospectus (as mended from time to time, the "Proxy Statement/Prospectus"). A definitive proxy statement/prospectus will be made in the state of the state o

#### Participants in the Solicitation

RMG III, the Company and certain of their respective directors and officers may be deemed to be participants in the solicitation of proxies from RMG III's shareholders in connection with the Business Combination. Information about RMG III's directors and executive officers and their ownership of RMG III's securities is set forth in RMG III's shareholders in connection with the SEC, including RMG III's directors and executive officers and their ownership of RMG III's securities is set forth in RMG III's shareholders in the SEC, including RMG III's shareholders and their ownership of RMG III's shareholders and thei

#### Forward-Looking Statements

This presentation contains certain forward-looking statements within the meaning of the federal securifies lows. Forward-looking statements are predictions, projections and other statements colorable full full revents that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. All statements contained in this presentation that do not meale to mitter of the formation of the formation and business performance of the Company, the Company's an origination results in which it operations are in exercised in the products and exercises defined by the results (including BIDDs, and in the conversal and an account of the products and exercises of the products and exercises defined by the results (including BIDDs, and in the conversal and including a statements of the products and exercises of the products and exercises defined by the results (including BIDDs, and in the conversal and including a statement of the products and exercises of the products and exercises as colorable statements are colorable statements as foreign and exercises of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products are conversal and including a statement of the products and including a statement of the products are conversal and including a statement of the products and including a statement of the produc

Fervarder-looking statements speek only so of the notate they are mode. The Company's monogenent has bosed these forward-looking statements (prays) on their current estimates, suspections one projections that, while considered reasonable by the Company's monogenenth, are company in the monogenenth, are included to the inclustry in which the Company's submosphere are reasonable by the Company's further performance on the further performance on the further including but him the company is unable to the properties of the PRES in content in the PRES in the PRES in content in the PRES in the PRES

#### Use of Projections

This presentation contains linearied projections for the Company, including with respect to the Company's projected revenue. The linearies of the company is projected in the contained projection in the contained projections for the Company is on the terminal to a contained herein represent certain estimates of the Company is on the terminal to a contained project in the project in th

#### Intellectual Property

All rights to the trademanks, service marks, trade names, capyrights, logos and other intellectual property listed herein are the property of their respective owners and are used for reference purposes only, Such use should not be construed as and does not imply an affiliation with, or endorsement by the owners of such trademanks, service marks, trade names capyrights, logos and other intellectual property. Solely for convenience, trademanks and trade names referred to in this presentation may appear with the 6 or TM symbols, but such references are not intended to hadicate, in any way, that such names and logos are trademanks of the Company.

#### Industry and Market Data

Unrest otherwise indicates, information contained in this presentation contenting the Company's industry, competitive position and the months which it agreetes is based on information from independent industry or research agreement is a contained to the presentation of the presentation

## 1 Executive summary





## **Today's presenters**



## **H2B2 Electrolysis Technologies**

## **RMG Acquisition Corp. III**







Felipe Benjumea



Florencio Ferrera



Javier Brey
CTO



**Bob Mancini** CEO and Director







**ABENGOA** 



LOYOLA



**ABENGOA** 



























## H2B2 at a glance



A leading green hydrogen company with a unique positioning across the entire value chain, offering clients complete solutions

Operating KPIs



## Green H<sub>2</sub>

Technology agnostic focused on PEM, SOEC and AEM electrolyzers(1)



Total pipeline, of which ~73 MW is under construction or awarded

# 

reen Hydroger

Facilities

EPC

ents and

Asset Management

Business model and major highlights

R&D

Electrolyzers



Demonstrated success with flagship project SoHyCal and ~2.8 GW in pipeline

A technological leader in PEM, SOEC, and AEM with references worldwide

Ability to integrate with renewables, offering clients full solutions

Ability to offer LTSAs, making projects financeable

Ability to retain minority stakes through construction and operations phase, showcasing commitment to clients



awarded R&D grants from IDEA, CDTI, EU and IPCEI driving R&D new electrolysis technology



Green H2 projects identified in pipeline through 2024E

Source: Company information
(1) PEM: Proton Exchange Membrane; SOEC: Solid Oxide Exchange Cells; AEM: Anion Exchange Membrane

## H2B2 electrolysis technologies overview



A leading green hydrogen company providing end-to-end solutions, with a pipeline of over 200 projects

- Founded in 2016, H2B2 designs, builds, and operates H<sub>2</sub> production facilities, including the transport, storage and sale of green H<sub>2</sub>
- H2B2 has a best-in-class management team, with extraordinary experience in H<sub>2</sub> and energy project development, that has been delivering outstanding performance together for over 20 years
- Global strategy, co-locating electrolyzer manufacturing facilities next to major customers
  - Existing 200MW manufacturing facilities in Sevilla (Spain) and potentially adding facilities in US, India, Colombia, and Northern Spain
  - Under H2B2's GreenH joint venture, they also have leased a manufacturing facility in India with an expected manufacturing capacity of 100 MW
- 4 Strategy built around 6 business units (Labs, Project Development, Electrolyzers, EPC, O&M, and Asset Management) offering integrated solutions
- H2B2 utilizes **proven PEM technology** and is developing in-house, next generation **SOEC** and **AEM** stacks and electrolyzers
  - H2B2 has the flexibility to integrate any third-party technologies, including alkaline at the EPC level





Source: Company Information 6

## Key investment highlights



A leader in green hydrogen across the entire value chain, backed by a highly experienced management team with successful project track record

## Green H<sub>2</sub> expected to drive the decarbonization of the global economy

- The green hydrogen energy market has potential to reach ~\$10 trillion value by  $2030^{(1)}$
- United States' IRA direct incentives and EU's Green Industrial Plan are making large projects viable



## H2B2, a leading global platform in the green $H_2$ space

End-to-end value chain expertise: R&D, proprietary electrolyzer tech, project lifecycle, manufacturing, EPC, O&M, and green H2 production, storage, delivery



## Client-centric business model





## 100% owner of SoHyCal, one of the largest green $\rm H_2$ electrolysis plants in the US



## Strategy developed and delivered by industry leading team



Source:, Company information
(1) BloombergNEF New Energy Outlook 2021; (2) The first 3MW (Phase I) is operational, with an additional 6MW (Phase II) under FID

## Overview of RMG III management team



## Highly Experienced RMG III Management Team



D. James Carpenter Chairman of the Board

- Founder and CEO of Riverside Management Group
- Former CEO of Horsehead Industries (renamed American Zinc Recycling), the Largest Zinc Recycler and Producer in the U.S
- Co-Founder of Mohegan Energy, Leading Capital Formation for the Acquisition of Met Resources
- Founding Investor & Board Member of Allied Resource Corp.



Robert S. Mancini

- Former Partner, Founder & Co-Head of Power Investment Business at Carlyle (NASDAQ:CG)
- Former Managing Director of Goldman Sachs (NYSE:GS)
- Co-Founder & Head of Power Investment Business, Founder & Head of Commodities Principal Investment Business at Goldman Sachs (NYSE:GS)
- Former Chairman & CEO of Cogentrix Energy



Philip Kassin President, COO and Director

- Former Senior Managing Director of Evercore (NYSE:EVR)
- Former Head of M&A & Financing at Access Industries
- Former Board Member and Chairman of the Finance & Investment Committee at LvondellBasell (NYSE:LYB)
- Senior Investment Banking Roles at Morgan Stanley, Goldman Sachs, Merrill Lynch and AIG



- Former Chief Financial Officer of RMG Acquisition Corp. II
- Former Vice President of M-III Partners and M-III Acquisition Corp. (acquisition of IEA)
- Former member of ING Capital LLC's Natural Resource Project Finance, Corporate Finance and Advisory deal teams in New York City
- Formerly a member of both the finance and corporate development teams at  ${\tt Entegra}$ Power Group, formerly an independent power producer and owner/operator of multiple natural gas related assets, based in Tampa, FL

## RMG Acquisition Corp. III Overview

- RMG Acquisition Corp. III ("RMG III") is a NASDAQ listed SPAC which completed its \$483mm IPO on February 9, 2021
- RMG III management team has significant public company board experience (NYSE, NASDAQ, and
- The team successfully consummated SPAC transactions for RMG Acquisition Corp I and RMG Acquisition Corp II
- Supported by Riverside Management Group, a leading merchant bank with ~25 years of experience in M&A advisory and principal investing

## **Previous Experience**





Evercore



Morgan Stanley



















## Proven track-record throughout the years in the H2 space

2020



Since its foundation in 2016, H2B2 has proven its execution capabilities, successfully developing multiple H2 projects

## Corporate milestones

## 2016

#### **H2B2 Electrolysis** Technologies is founded with the mission to design build and operate H<sub>2</sub> production facilities including the transport and sale of hydrogen

Opening of offices in Spain and California

2017

Strategic investment (25% stake) in **Giner** ELX. developer and manufacturer of PEM stacks technology

## 2018

The California **Energy Commission** awarded H2B2 a 1.29Tn/day<sup>(1)</sup> hydrogen plant (SoHyCal)

1MW PEM stack tested in NREL

ELX (current Plug Power) for ~\$14.3mm, allowing H2B2 to focus on the development of technologies

## 2021

\$10mm capital raise, to reinforce growth and strengthen R&D capabilities

## 2022

- JV with GRIL to develop hydrogen projects in India
- EU selected H2B2 as an IPCEI<sup>(2)</sup> and awarded €25mm in grants
- H2B2 was selected among 80 companies as **Ecopetrol'**s tech partner

## 2023

Signed a business combination agreement with RMG III with the intention of becoming listed on the NASDAQ



## **Commercial milestones**

Contract with CEPSA. for the supply of a PEM electrolyzer, to produce ultra-pure H<sub>2</sub>

Electrolyzer supplied to CEU University, one of the leading Spanish universities, for investigation uses in domestic clean heat

Involved in an EU-led trigeneration project seeking to improve energy efficiency through H<sub>2</sub>

Unit supplied to VTT; a leading research laboratory

Supply contract of 2 PEM electrolyzers to be applied in a CCPP

# in the UAE

including H<sub>2</sub> production to FM Logistic Construction start of

#### $\textbf{SoHyCal plant}, \, \alpha$ world pioneer green H<sub>2</sub> production plant in California (expected 3Tn/day, 100% renewable)

Supply of an HRS(3).

## 2022

Supply of electrolyzers to Serveo (1MW), GP Joule (10MW), and Ecopetrol, among others

Development of a  $\mathbf{H}_2$ self-supply energy system for a hospital in the Netherlands

Electrolyzer supply contracts with **Puerto** de Viao (1MW) and Redexis (2.5MW)

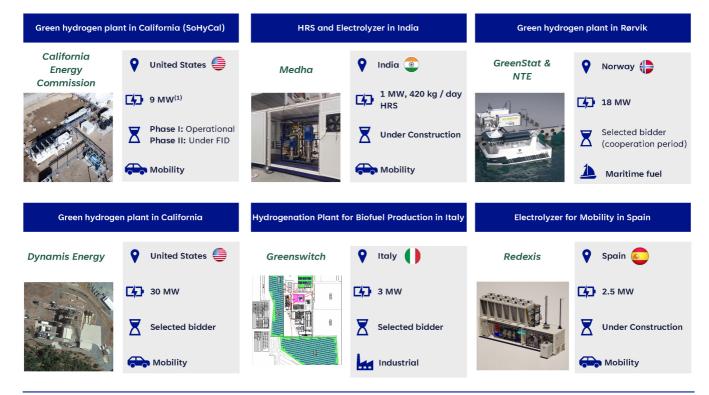
- Selected bidder for an 18MW project in Norway and a 30MW project in the US
- MoU signed with Enel
- 1 MW electrolyzer and train HRS under construction in India

Source: Company information
(1) SoHyCal Phase I has an electrolysis capacity of 1,290 kg per day of hydrogen, and once Phase II is completed, SoHyCal is expected to have an electrolysis capacity of 3,000 kg or more of hydrogen per day; (2) Important Projects of Common European Interest; (3) Hydrogen Refueling Stations

## **Highlighted projects**



H2B2 has a highly visible project pipeline with several projects under construction or executable in the near-term



Source: Company information (1) 3MW in Phase I (operational as of September 2023), and additional 6MW in Phase II

## **Electrolysis technologies**

Technology agnostic with focus on technologies best suited for renewables



## Alkaline Water Electrolysis (AWE)

- Most mature technology, used over the past ~30 years
- The hydrogen evolution reaction takes place in a liquid alkaline electrolyte solution

## Growing technology, usually

developed with a renewable energy

Proton Exchange Membrane (PEM)

Employs a conductive membrane that encapsulates the electrolyte and separate the gases

## Solid Oxide (SOEC)

- Runs in regenerative mode to achieve the electrolysis of water
- Takes place at high temperatures, using steam allows for a superior kinetics performance

## Anion Exchange Membrane (AEM)

- Less mature technology with a high
- It integrates a solid, non-porous polymer electrolyte to enhance the kinetics



## Commercialization phase

- Most mature and commercially available technology
- Ability to run at high pressure
- Relatively easy to manufacture Lower Capex per MW relative to PEM
- Requires high input of electrical energy Relatively low current density
- High maintenance costs Not appropriate for operation using
- transient power sources



## Commercialization phase

- Can be connected to renewable energy sources (PV, wind) Fast start-up, shutdown
- More efficient at a high current
- density Higher purity H2 gas than alkaline
- Requires high input of electrical energy and a power source High system costs due to platinumbased family catalysts and a proton exchange membrane

Diversified supplier base (Plug Power, Hystar, Bosch, Schaeffler)





- High conversion efficiency (up to 25% less electrical energy consumption)
- Can be used with high-temperature
- heat sources Ability to operate at high current densities
- High system cost
- Need for constant operation
- Long start-up and break-in times







- Fast start-up, shutdown
- Use of non-precious-metal catalysts reduces cell cost Ability to run at different pressure
- - Requires high input of electrical
- energy Stability problems







Source: Company information, ARUF

Electrolyzer

Technology

Overview

Technology Readiness Level

(TRL)

Pros

Cons

Stack Supply

Electrolyzer

11

## SoHyCal, one of the largest operating green hydrogen plants in H2B2 the US



H2B2's flagship project is a successful example of an operational, off-grid project, key for the energy transition





Installed capacity Phase II: 6 MW

**Completion status** 

Green H<sub>2</sub> capacity Phase II: 1,290 kg / day
Phase II: >1,710 kg / day Total: >3,000 kg / day

Phase I Operational start date

September 2023



## Understanding SoHyCal's importance

To accelerate the development and deployment of renewable hydrogen in the U.S., the **U.S. Department of Energy has** reserved up to \$1.2bn to invest into green H2 projects in California. H2B2's SoHyCal project may be eligible for a portion of these funds

One of the largest operating off-grid renewable energy hydrogen projects in the United States, using a 15 MW PV plant and biogas fed engine, supplied by a co-located dairy farm

H2B2 has a "first mover advantage", as it expects to lead the supply of renewable hydrogen to major offtakers present in the region to fill unmet demand

The project, 100% developed by H2B2, is serving as a blueprint for future projects involving connection with renewables, gas pipeline, permitting, hydrogen dispensing and transport, etc., giving a significant competitive advantage vs others who have yet to develop and deliver a completed project

Source: Company information

## Leveraging partnerships to access global markets



H2B2 seeks to scale globally through strategic partnerships and joint ventures

## Ecopetrol: technological partner for decarbonization

- H2B2 has been selected as technological partner by Ecopetrol in connection with its decarbonization strategy
- Ecopetrol is the largest and primary petroleum company in Colombia and the second largest oil & gas company in Latin America
- In May 2022, H2B2 was selected by Ecopetrol as technological partner to help the company in the decarbonization of its activities through green hydrogen facilities
  - H2B2 was after a very competitive selection process that included 80+ companies from 16 countries
- As part of the partnership, H2B2 will lead the construction of a manufacturing facility in Colombia to supply Ecopetrol's South American market, as well as provide maintenance services and HRS once completed



GreenH: JV to grow the hydrogen economy in Asia

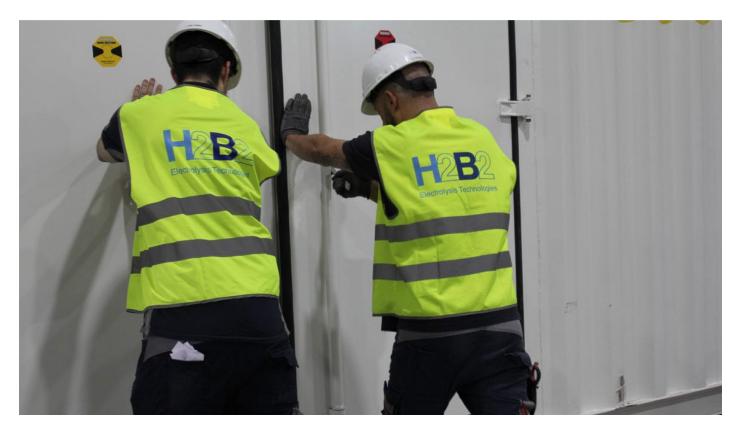
- In 2023, H2B2 launched GreenH, a joint venture with GR Promoter Group ("GR") to develop
  the hydrogen economy in Asia
  - GR is an India-based listed company, that develops, constructs and operates all types
    of infrastructure related projects (highways, power lines, substations, railways,
    multimodal logistic centers, etc.)
- The JV is based in India, and H2B2 owns 50%
- Through GreenH, H2B2 expects to manufacture electrolyzers and develop, construct, and operate green hydrogen generation plants for all sectors
  - GreenH expects to build and operate 10-500 MW green hydrogen production plants in key Asian countries
  - Under H2B2's GreenH joint venture, they also have leased a manufacturing facility in India with an expected manufacturing capacity of 100 MW
  - Potentially provide **O&M and associated services** for these production plants
- Key H2B2 responsibilities include the development and transfer of technology, supply of the stacks (PEM, SOEC and AEM) and ensuring projects are up to date with any technological upgrades



Source: Company information, Ecopetrol, World Economic Forum, Government of Colombic

## 2 Industry overview





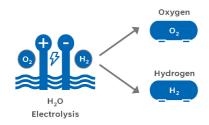
## Introduction to green hydrogen

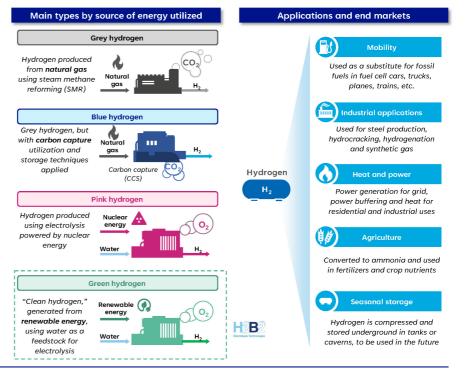


Hydrogen is broadly applicable to multiple end markets, and can be obtained as a gas through fossil fuels (Grey, Blue), nuclear power (Pink H<sub>2</sub>) or renewable sources (Green H<sub>2</sub>)

## What is hydrogen?

- Hydrogen (H<sub>2</sub>) is a clean, chemical energy carrier alternative to methane (natural gas)
- On the planet, vast numbers of hydrogen atoms are contained in water, plants, animals and humans
  - It's the most abundant chemical element in the universe, contributing ~75% of total mass
  - However, despite being present in nearly all molecules in living things, it's very scarce as a gas (less than one part per million by volume)
- Hydrogen can be produced from a variety of energy sources, such as natural gas, nuclear power, biogas and renewable power like solar and wind
- Hydrogen can be obtained through a process called electrolysis, which consists of using electricity to split water into oxygen and hydrogen



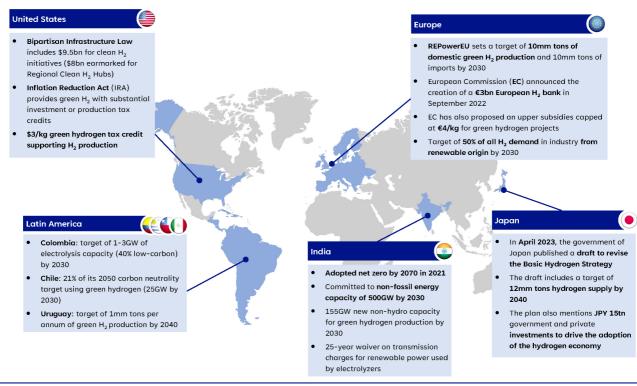


Source: Hydrogen Council, US Department of Energy, McKinsey, Bloomber

## **Regulatory support schemes**



Strong regulatory support worldwide (focus on H2B2's core markets)



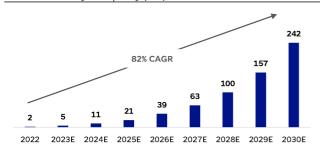
Source: ARUP, Infrastructure Investment and Jobs Act Public Law No. 117-58, Inflation Reduction Act Public Law No. 117-169

## Global electrolyzer market



Driven by tremendous hydrogen demand, the electrolyzer market is expected to experience solid growth over the next decade, with PEM gaining significant market share versus alkaline installations

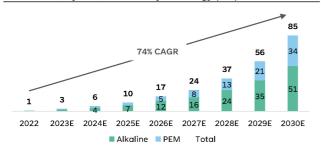




## Annual electrolyzer capacity in Europe and North America (GW)



Annual electrolyzer installations by technology (GW)



Annual investment in electrolyzer deployment (\$bn)



Source: BloombergNEF 2023 17

## H2B2 addresses challenges to development of green hydrogen



There has been industry-wide attrition in green hydrogen projects due to difficulties regarding securing external funding. H2B2 is positively situated to secure project financing where others are not.

**Regulation and** 

- Green hydrogen is a **relatively expensive** energy compared to many alternative energy sources. This can be a limiting factor for near-term demand and investment
- Governments and regulatory bodies recognize the importance of hydrogen in the energy transition and have been increasing hydrogen-specific targets globally since 2016. These targets have been supported with regulatory incentives (e.g., US IRA, EU Green Industrial Plan, among others) that have made green hydrogen economically competitive

Green hydrogen production costs are expected to decline due to technological advancements and economies of scale. Further, Arup substantiated that H2B2 has potential to be a relatively low-cost provider of quality green hydrogen products(1)

**Execution Risk** 

- Securing an offtake agreement is key to obtaining funding for green hydrogen projects. Some past projects in the industry have stalled due difficulty securing offtake agreements to support project financing
- Potential offtakers are concerned about investing projects where there is uncertainty regarding the consistent production of hydrogen, given the relatively new technology and largely unproven execution capabilities of most EPC providers
- Most players are focused either on technology (electrolyzers) or EPC, creating a technology gap/risk for financing institutions and offtakers

H2B2 has the ability to provide production guarantees, which facilitates long-term offtake contracts. H2B2 is able to provide this due to its extensive project execution experience and vertical integration

Supply Chain Security

As the near- and medium-term demand grows rapidly due to regulatory drivers and improving economics, electrolyzer supply must increase commensurately to avoid industry wide shortages and project delays

H2B2 has the necessary capacity to complete the business plan. Electrolyzer technology agnosticism and current inhouse supply further insulate H2B2 from supply chain risk

Source: Company information, ARUP (1) Arup working under its capacity as vendor due diligence provider to H2B2 Electrolysis Technologies

## Business overview





## Strategy developed and delivered by industry leading team



Management team with a solid track record and working together in hydrogen and renewables projects



#### Antonio Vázquez Chairman

- 40+ years in management
- Joined H2B2 in Dec-2022
- Former chairman of listed- IAG (Iberia, British Airways) Former Board Member of
- Telefónica Internacional and Aldeasa Former CEO of listed-Altadis
- at the time of the ~\$17 billion acquisition (enterprise value) by Imperial Tobacco



#### Anselmo Andrade

- Founding member of H2B2 Last 7 years focused or hydrogen holding top executive positions in H2B2
- Previously acted as CFO and Business Development Officer o H2B2
- Past experience in strategic consulting
- MSc in Finance from London School of Economics (LSE)



#### CIO

- Last 7 years focused on
- hydrogen holding top executive positions in H2B2 Previously acted as Head of Investor Relations & Capital Markets
- Past experience in corporate
- and investment banking BSc in Business Administration from Saint Louis University



#### Florencio Ferrera coo

- 27+ years in the energy sector
- across multiple EPC projects
- Joined H2B2 in July 2021 Several senior positions in Abengoa (Energy Operations Director, Energy General Director and Project Manager)



## **Blanca Benjumea**

## CFO and HR manager

- Founding member of H2B2 Last 5 years focused on hydrogen, holding
- top executive positions in H2B2 Past experience in public company auditing and strategic consulting at KPMG in Spain
- and New York BSc in Business Administration from Fordham University in New York



~20 years working together and delivering outstanding performance



#### Javier Brey

#### сто

- Founding member of H2B2
- 25+ years of experience in the H<sub>2</sub> sector Chairman of the Spanish Hydroge Association since 2009
  Former CEO of Abengoa Hydrogen

- Former CEO of Hynergreen
  PhD with thesis on Hydrogen Economy



## Head of Business Development

- 20+ years dedicated
- to hydrogen
  Vice-Chairman of the Spanish Hydrogen
- Technology Platform Former Head of Business Dev. at Abengoa Hydrogen



## Asdrúbal Lupi

- Head of Enginee 35+ years of experience in infrastructure and
- power engineering Joined H2B2 in December 2021 as Project Manager of
- SoHyCal Power Plant I&C engineering at Abengoa Energy



#### José Luis Márquez Procurement Directo

- & Construction Lead Former CEO of Abeinsa (Abengoa) ir the US
- 20+ years in EPC project management in the energy industry globally Joined H2B2 in
- January 2023



## Electrolyzers Business Unit Manager

- Founding membe H2B2 as Project
- Engineer Past experience as Engineer at Abengoa
- Hydrogen Past experience as development and production manage



## O&M Business Unit Manager

- 22+ years of experience in asset management of energy assets in multiple technologies
- Joined H2B2 in October 2022 Industrial Technical
- Engineer specialized in Power Plants

## **Business model**



Integrated product and services offering, with tailor-made solutions across the hydrogen value chain

## H2B2 Business Model (full coverage of value chain)

R&D
(R&D
development
across H<sub>2</sub> value

Development of Green Hydrogen Facilities (Project development services)

Electrolyzers (Electrolyzers & Refueling Stations manufacturing)

(Construction to related services)

O&M O&M service Investments and
Asset Management
(Minority
equity
investments)

- Development of efficient and durable electrolysis technologies, allowing cost reductions in Capex and Opex for the production of green hydrogen
- Partnered with leading research institutions and universities to support its R&D activities
- Providing the services required to set up a green hydrogen production facility
- Includes all preconstruction phase tasks: identifying opportunities, carrying out the feasibility analysis, permitting, ensuring offtake and sourcing of financing
- Present in some of the largest projects by installed capacity worldwide
- Hub-and-spoke manufacturing of PEM electrolyzers
- Electrolyzers with toptier technology
- Several patents filed, and additional exclusive licensed patents already granted
- Proven EPC capabilities
- End-to-end solutions from power generation to dispensing/injection of green H<sub>2</sub>
- Could offer different levels of guarantees to include coverage for costs, delays and/or potential performance variances
- Technology agnostic, with the ability to integrate PEM, ALK, SOEC and AEM
- Once a project is commissioned, H2B2 offers a variety of services for operations and maintenance to fit client requirements, including:
  - Preventive
     Maintenance
  - Long Term Service Agreement (LTSA)
- Production guarantees
- To keep minority equity stakes in project SPVs at financial close
- Expected to generate sustainable dividends from these investments













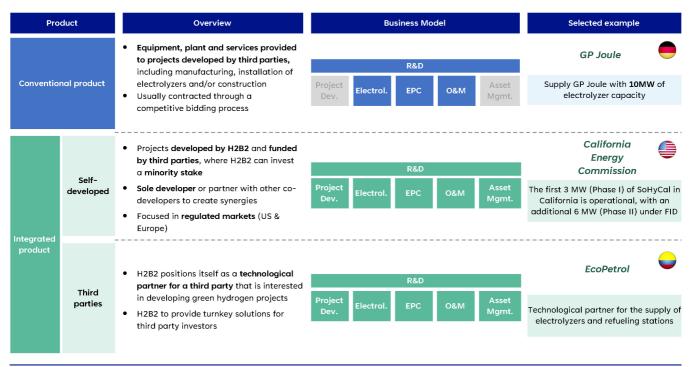
Source: Company information

21

## Client-centric business model



Two differentiated, scalable business models providing bespoke services across the green hydrogen value chain



Source: Company information 22

## **Business model | R&D**



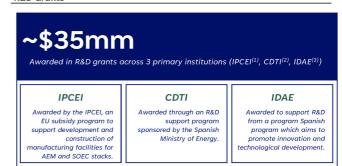
Under R&D, H2B2 is developing revolutionary technologies for PEM, AEM and SOEC electrolysis

## Overview

- H2B2 Labs is the business unit focused on R&D, and its fundamental objective is the development of more efficient and durable electrolysis technologies to allow a reduction in costs in both capital and operating expenditures in the production of hydrogen
- H2B2's R&D strategy is structured around the continuous improvement (efficiency and cost reduction) of PEM electrolyzers, and the development of SOEC and AEM technologies for stacks and electrolyzers
- Partnering with leading institutions to develop particular parts of their SOEC and AEM electrolyzers, including CIEMAT and CSIC
- H2B2 has licensing arrangements with third parties for patents related to electrolysis technologies, and has filed another 6 patents related to PEM Balance of Plant (BoP) and SOEC stacks
- > 25 external collaborators for R&D within prominent institutions

## **R&D Grants**

AFM



## H2B2 objectives and cost down strategy

	Objectives	Cost-down strategy
EΜ	Improvement of BoP for modular units. Development and BoP improvement of large facilities (>10MW)	BoP simplification, improve heat and water management, In-house design of purification systems, integration with batteries
EC	Development of 100kW electrolyzers in the near-term, and up to 1MW in the medium-	Focused on dry membrane- electrode assembly manufacturing technique

Development of 100kW Manufacture of ceramic electrolytes by 3D printing electrolyzers in the near-term. and up to 1MW in the medium-(increase stack energy density, term and simplifies manufacturing)

Source: Company information
(1) Important Projects of Common European Interest; (2) Center for Technological Development and Innovation; (3) Institute for Energy Diversification and Saving

23

## **Business model | Electrolyzers**



Since 2016, H2B2 has manufactured and installed electrolyzers, with a unique product offering in the industry

## Overview

- H2B2 is focused on the manufacturing, assembly and installation of electrolyzers and hydrogen refueling stations
- H2B2 has two main types of electrolyzer solutions:
  - Containerized solutions for those units up to 15-20MW ("plug-and-play"
  - Skid mounted solutions for those plants greater than 20 MW, skids are installed on-site and interconnected by H2B2
- H2B2 has a wide range of electrolyzers under commercialization, with 1-4 stacks, with a total maximum output of approximately 1,726kg of green hydrogen per day
- Apart from manufacturing and installation, this business unit also covers start up and testing works
- H2B2 supplies electrolyzers with  $CE marking^{(1)}$  and, if necessary,  $ETL stamp^{(2)}$ (priced separately), as well as required safety studies (HAZOP by default)

## Highlighted projects

#### **GP Joule** Medha Redexis Leading renewables Supporting Indian Leading gas Railways' carbon distribution company company neutrality Supply of 5 EL400N Supply of 2.5MW Supply of **1MW** units totaling 10MW electrolyzer to Redexis EL200N electrolyzer capacity for HRS. and HRS

## Product portfolio

## Medium-scale

- Capacity of 50-300 kW per container
- Hydrogen production of 10-60 Nm<sup>3</sup>/h
- Integrated within a container



H2B2 Focus

- Capacity of 0.5-5 MW per container
- Hydrogen production of 100-1,000 Nm<sup>3</sup>/h
- Integrated into 40ft containers



## Large Scale Skid mounted solution

For projects greater than 20 MW (e.g. 100MW), H2B2 can execute on-site installation of the electrolyzers



producing 860 kg/day

Source: Company information
(1) Conformité Européenne, meaning that have been assessed to meet high safety, health, and environmental protection requirements; (2) ETL Mark is proof of product

## **Business model | EPC**



Illustrative

H2B2 has full construction capabilities, from engineering to commissioning, including extensive experience in integration with renewable energy

## Overview

Commissioning

- H2B2 performs engineering, procurement, construction and commissioning services required for the construction of hydrogen plants
- Necessary capabilities to build tailor-made hydrogen plants in less than 20 months from engineering to commissioning
- Main steps include Engineering, Procurement and Construction & Commissioning
- Leading the construction of a green hydrogen plant in California (SoHyCal), and the electrical and mechanical installations of other projects
- Extensive experience in the integration of renewable energy installations (mainly PV and wind), being key in the construction of green hydrogen plants

# H2B2 is capable of building a full hydrogen plant in 20 months, 10 if excluding engineering and procurement Months 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 Engineering Procurement Construction

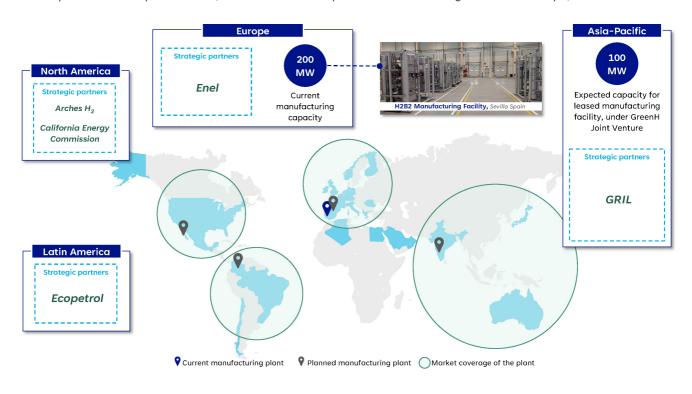
## Main divisions within EPC

Division	Overview	Duration
	<ul> <li>Starts as soon as a project is awarded</li> </ul>	
Engineering	<ul> <li>Includes geotechnical testing, full permitting, areas classification, technical support, tabulations, etc.</li> </ul>	~12 months
	If needed, H2B2 may collaborate with local engineering firms to ensure full code compliance	
	• Starts at the 2 <sup>nd</sup> month of the project	
Procurement	<ul> <li>Purchasing all material and equipment needed, including contract negotiations, in parallel with the engineering team</li> </ul>	~13 months
	<ul> <li>Building long-term relationships with key suppliers</li> </ul>	
Construction & Commissioning	<ul> <li>On-site activities mainly targeted at the installation and construction of the plant, as well as the integration with third-party equipment</li> </ul>	~10
Commissioning	This stage includes performance tests until provisional acceptance and the plant reaches COD status	mondis

Source: Company information 25

# Geographic commercial and manufacturing footprint H2B2 is present in multiple countries, and with current or planned manufacturing facilities in Europe, America and Asia





Source: Company information

## 4 Financials & pipeline

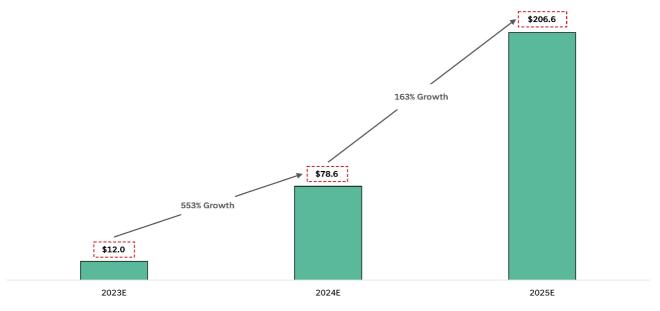




# 2023E-2025E revenue projections<sup>(1)</sup> Strong growth supported by both highly visible pipeline and proven track record



Revenue (\$ millions)



H2B2 has a strong and achievable Business Plan, supported by specific identified opportunities and management's proven track record of successful execution. Breakeven (at Adj. EBITDA level) will be achieved by 2025E

Source: Company Information
(1) Projections assume the SoHyCal project will be deconsolidated from H2B2 for accounting purposes in 2024

28

## Summary financial projections<sup>(1)</sup>



\$m	2023E	2024E	2025E
Net Income (Loss)	(\$20.9)	(\$16.3)	\$3.9
(+) Income tax expense	-	-	0.2
(+) Interest and other expense, net	-	0.1	0.3
(-) Other income	(0.7)	(1.7)	(2.9)
(+) Depreciation of long-lived assets	0.3	1.9	3.7
Adjusted EBITDA	(\$21.2)	(\$16.0)	\$5.2
(+) Grant funding	7.2	10.2	11.5
(+) One-off expenses	6.2	-	-
(-) Dividends from Minority Interest Projects	-	-	0.1
Further Adjusted EBITDA	(\$7.9)	(\$5.8)	\$16.7

## 310%+

Revenue CAGR generated primarily from projects under construction, awarded projects or projects currently in the pipeline

## ~\$35mm

Historical and projected grant funding for R&D to increase electrolyzer efficiency and breadth of product portfolio (next-generation SOEC and AEM technologies)

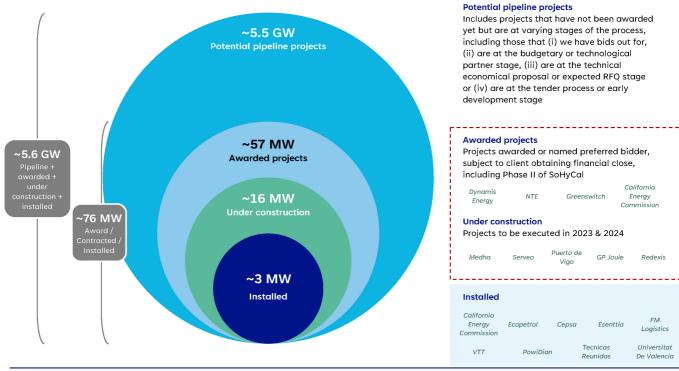
## ~45%

Of 2024 revenue expected to be generated from Integrated Products, providing a more fulsome / integrated suite of services for clients

## H2B2's robust pipeline(1)



Robust pipeline of ~5.6 GW of identified potential projects, of which ~73MW either under construction (~16 MW) or awarded pending FID (~57 MW)



Source: Company Information
(1) Pipeline assumes the SoHyCal project will be deconsolidated from H2B2 for accounting purposes in 2024

30



## Thank you

## For Further Inquiries Please Contact

Investor Contacts:

Anselmo Andrade Fernandez de Mesa Chief Executive Officer anselmo.andrade@h2b2.es

Roberto Wilson Fernandez del Castillo Investor Relations roberto.wilson@h2b2.es