## ceres

## INTERIM RESULTS

For the 12 months ended 30 June 2020

## Strategic partnerships continue to deliver commercial growth

- Progress on major contracts has driven a $21 \%$ increase in revenue and other operating income to £19.9m. Asset-light licencing model continues to underpin sector-leading gross margins of $73 \%$
- The hard work of the Ceres team, and the support of partners and suppliers, has sustained customer programmes and driven a ramp up in manufacturing output despite Covid-19
- Further investment in core technology, expansion into new areas such as pure hydrogen and higher power systems, as well as a $£ 5 \mathrm{~m}$ investment to 2021 for the development of solid oxide electrolysis
- Ceres' strategy of licensing to global partners, with a leading position in their products and markets, continues to be successful
- Urgency for climate action driving the global demand for clean energy technologies


## Progress with key commercial partnerships

## (A) $\mathbf{B O S C H}$

- First partner to manufacture Ceres' core cell technology under licence
- Installed prototype products of its 10 kW SOFC system at five Bosch locations



## W디대M

- 30 kW range extender for electric buses progressing to field trials
- Establishment of the JV in Shandong province now likely to be H1 2021


- Ambition to supply efficient fuel cells to meet Korean government renewable energy plan
- Good progress on CHP development. Seeking to expand collaboration to broader applications within Korea and globally



## MịRA

- First units operating over one year; 90\% efficient CHP for commercial buildings delivers energy savings and a lower carbon footprint
- Growing specialist team to support long-term deployment



## Bosch: Hydrogen compatible fuel cell pilot installation



PHOTO: Copyright Bosch

## Weichai: collaboration progressing despite Covid-19 challenges



- 30 kW range extender system for electric buses in field trials
- $\quad J V$ to provide a staged path to high volume manufacturing for buses, commercial vehicles and other markets in China. Covid-19 delays pushing timing to H1 2021
- Weichai exercised non-dilution rights, investing a further £11m to maintain its equity stake at 20\%

FINANCIAL UPDATE

## Financial highlights

Revenue and other operating income
£19.9m
+21\%

Order book ${ }^{1}$

£13.6m*<br>Sep 2019: $£ 28.4 \mathrm{~m}$

Gross margin
73\%
2019: 75\%

Adjusted EBITDA
(£6.5m)
2019: (£5.9m)

Cash and short-term investments

## £108.0m

2019: €71.3m

Net cash used in operating activities
(£5.4m)
2019: (£3.1m)
${ }^{1}$ Order book is the contracted commercial revenue and grant income scheduled to be realised in future years.
2 Pipeline is contracted revenue and other income which management estimate is contingent upon options not under the control of Ceres.

* As at 30 June 2020


## Revenue growth continues at high margin


*2019/20: 12 months ended 30 June 2020

## Investing for future growth

Cash Opex


■ Cash opex (Opex less depreciation \& share based payments)

Adjusted EBITDA


■ Adjusted EBITDA (EBITDA adjusted for share based payments and foreign exchange gains/ losses)

- Priority is to maximise future value
- Sizing the company and investing to capitalise on opportunities


## Cashflow and cash

## Cash and short term investments

£m


## Net cash used in operating activities

£m


## Strong cash position enables future growth

Reinvesting into the business

- $£ 5.6 \mathrm{~m}$ capex
- $£ 2.5 \mathrm{~m}$ development capitalised
- Development capitalisation began on 1 January 2019

Cash position of $£ 108 \mathrm{~m}$

- £38m received from Bosch investment reaches 18\%
- $£ 11 m$ received from Weichai to hold at 20\%
- $£ 2.5 m$ tax credit received

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| :--- | ---: | ---: | ---: |
| Operating cash flows | $(6.5)$ | $(5.9)$ | $(0.6)$ |
| Changes in working capital | $(1.4)$ | 0.7 | $(2.1)$ |
| Tax received in the period | 2.5 | 2.1 | 0.4 |
| Cash used in operating activities | $\mathbf{( 5 . 4 )}$ | $\mathbf{( 3 . 1 )}$ | $\mathbf{( 2 . 3 )}$ |
| Capital expenditure | $(5.6)$ | $(7.7)$ | 2.1 |
| R\&D capitalised | $(2.5)$ | $(1.3)$ | $(1.2)$ |
| Finance income | 0.7 | 0.2 | 0.5 |
| Finance expenses and repayment |  |  |  |
| of lease liabilities | $(0.6)$ | 0.0 | $\mathbf{( 0 . 6 )}$ |
| Equity-free cash outflow | $\mathbf{( 1 3 . 4 )}$ | $\mathbf{( 1 1 . 9 )}$ | $\mathbf{( 1 . 5 )}$ |
| Net cash and financial assets | $\mathbf{1 0 8 . 0}$ | $\mathbf{7 1 . 3}$ | $\mathbf{3 6 . 7}$ |

*2019/20 12 months ended 30 June 2020


## Global stimulus for Green recovery post Covid-19



America's Democratic presidential contender, Joe Biden, wants to spend \$2trn decarbonising America's economy.

Germany has announced €9bn in stimulus for hydrogen technologies, and links fuel cells as a path to decarbonisation.


EU announced funding of €550bn to green projects to 2027 and a separate $€ 750$ bn Covid recovery fund. All EU budgets must "do no harm" to its goal to become climate neutral by 2050.
$\square$
Aiming to be carbon neutral by 2060. China's 14th Five Year Plan (2021-25) set to persist with long-term ambition of developing the green economy.


Korea's Green New Deal has committed KRW73.4 trillion ( $£ 46$ billion) of green funding to drive economic recovery. Targeting 15GW of FC power generation by 2040, including 2.1GW for stationary FCs in buildings.

Japan first country to adopt a Hydrogen Strategy and leads globally in the deployment of FCs.

## Covid-19 and the green recovery



## ENVIRONMENTAL

- Increased commitment to green initiatives by many governments as part of recovery
- Ceres working with partners in most progressive countries; Japan, Germany, South Korea and China, to embed our clean energy technology.



## SOCIAL

- Huge adjustments to new ways of working, overcoming challenges of not being able to travel.
- Ceres team has remained agile and responsive. Not used government furlough and continued to recruit new employees throughout 2020.



## GOVERNANCE

- Scale of the disruption and economic impact of Covid-19 forcing all businesses to examine risk.
- Ceres has appointed a new Chair during the period and benefits from two commercial partners as significant equity shareholders.


## Investing now in clean energy technology to address climate change

- Committed initial $£ 5 \mathrm{~m}$ to 2021 to develop SOEC technology for hydrogen
- Investing today so well-positioned to capitalise on future opportunities


Ceres 30 kW today, increasing to 150 kW + for trucks, rail. Potential for H 2 and e-fuels in shipping or aviation.
1 kW to $5-20 \mathrm{~kW}$
Potential for 150utility scale, where incentives exist.


Global demand for energy
By sector


## Future scaling of the business

Target additional global manufacturing partners to supply cells and stacks to system OEMs in regions of greatest demand


Moving into higher power systems and broadening applications in each region (through system licensees)


## Partnership progression



1. Joint product development
Engineering services

## WEICHMI <br> ШбoshN

© Bosch
honda míura

2. Licence: system/ manufacturing
Fees for tech transfer

## W틷HMI

boosan miura

3. Royalties from products sold
Royalties per kW
miura

## Revenue evolution




## Summary and outlook

Urgency for climate action continues to drive demand for clean and flexible sources of energy

- Bosch: due to complete initial phase of collaboration and expect next steps end 2020
- Weichai: five buses being built to trial, due to complete H1 2021
- Miura: first commercial units running over one year
- Doosan: joint development of CHP system progressing well. Looking to expand relationship
- Expect further partnership progress in 2020

Core business and investment in our strategy

- Assembled leading team of engineers and scientists working in solid oxide technology globally
- Invested in organisational structure, R\&D activities and expansion of pilot manufacturing at Redhill
- Continually maturing technology for further and future applications with a clear path to mass commercialisation

High-margin clean energy technology business well positioned for growth


## Asset-light, licensing business model



## Income statement

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## Share register (as at 28 Aug. 2020)




