# **Ceres**Power®

Bosch increased stake strengthens strategic relationship and provides new equity to broaden available markets

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#### Overview of the deal



- Bosch increased stake from c.4% to c.18% of enlarged issued share capital of Ceres with a £77.3m investment via a combination of new and existing shares at a price of £3.20 per share
- Raises gross proceeds of £38m for Ceres, to support broadening the application of Ceres' technology
- Weichai have anti-dilution rights with the potential to invest £11.2m to maintain its c.20% stake
- Bosch subject to an 18-month lock-up period and certain anti-dilution rights –
  gains the right to appoint a Non-executive Director to the Board of Ceres
- Strengthens the long-term partnership with Bosch and, alongside Weichai, now have two commercial partners as significant strategic investors in the Company



### Partnership to date

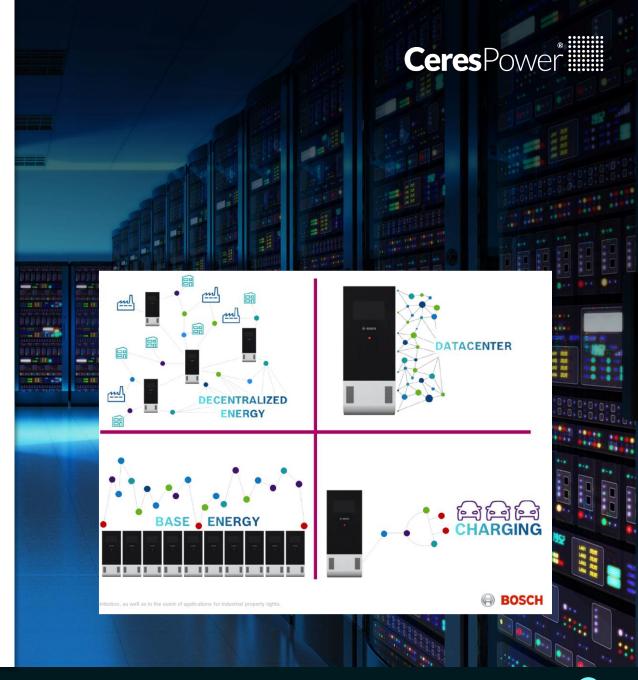
Bosch invested £9m in Ceres for a 4% stake in August 2018, plus £20m license and JDA to 2020. January 2020 Investment of c.£77 m to ~18 %

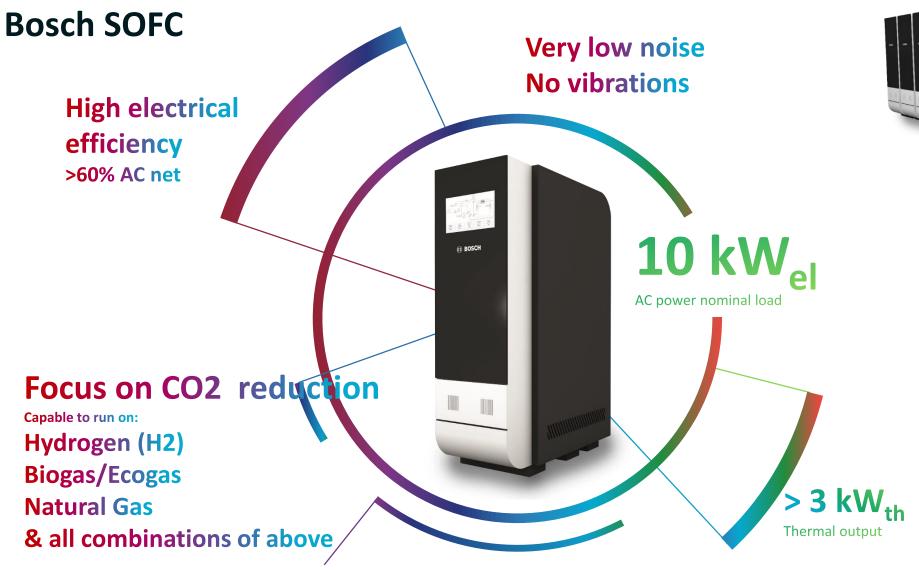
## **Application of technology**

Small power stations for cities, factories, datacenters and EV charging points

### **Progress to date**

- ✓ Tech transfer and key milestone (Dec 2018)
- ✓ Manufacturing collaboration in UK and parallel manufacture in Bamberg, Germany (Q1 2020) Industrialise 5kW stack with aim to enable future product high volume scale up and manufacture







**Efficiency** 

Scalability up to several MW<sub>el</sub>

Resilience

**Profitability.** 

## Strengthens long-term strategic partnership



- Significant step forward in the partnership established in August 2018
- Successful collaboration in development of fuel-cell stacks for stationary power applications
- Started initial low-volume production of pilot systems in late 2019 in Bamberg,
   Germany
- Stated vision of setting a new industry standard for solid-oxide fuel cells, combining Ceres' unique technology with Bosch's engineering, manufacturing and supply chain strength
- Demonstrates Bosch's commitment to the partnership and intention to further collaboration towards potential future scale up and mass manufacture of the Ceres SteelCell® for multiple applications

## Gross proceeds of £38m



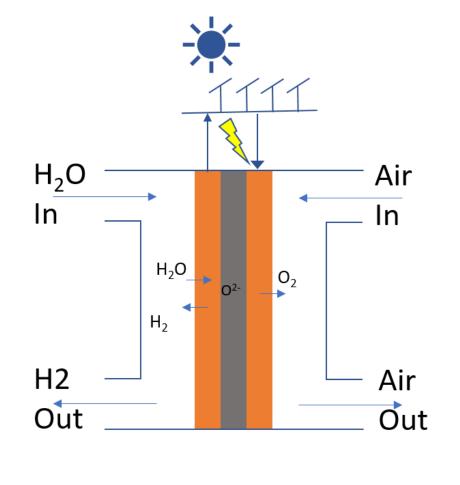


- Development of higher power systems
- Expand manufacturing capacity from 2MW to 3MW (2020)
- Investment in Business Development activities
- Sufficient funds to invest in share of JV with Weichai Power
- Grow balance sheet for potential tactical acquisitions
- Additional investment in R&D to apply Ceres' technology as a solid oxide electrolyser to produce hydrogen and e-fuels
- As a licensing business, essential to innovate and maintain leadership in the application of the technology
- Promising application as a solid oxide electrolyser (SOEC), the process of reversing fuel cells to produce hydrogen and e-fuels from renewable energy
- Early stage testing has delivered encouraging results





H2 or CH4 etc Fuel Air In In 2H+ 02 O<sup>2-</sup>  $H_2O$  $H_2O$ Air Out Out



Green H2

## **Summary**



- Bosch increased stake from c.4% to 18% building on existing successful partnership
- Reinforces confidence in Ceres' technology and likelihood for future potential scale up and mass manufacture
- Raises gross proceeds of £38m for Ceres, providing additional capital to consolidate position as a leader in solid oxide technology
- Further development to meet increased customer demand for higher power
- Funds innovation in R&D for SOEC electrolysis for hydrogen and potential e-fuels to address zero carbon future
- Will enable us to deliver on our core purpose of providing clean energy technology to address climate change, improve air quality and help reduce emissions to net zero