

## ASX RELEASE

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### Beston Technologies Update

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- **Product provenance technology platform OZIRIS updated into new IOS and Android application**
  - **Enhancements make OZIRIS more agile and able to work with global data interfaces**
  - **Work underway to create supply chain efficiencies for the dairy industry**
  - **Potential to use the technology for the benefit of waste management**
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Beston Global Food Company Limited (“Beston”, ASX: BFC) is pleased to provide an update on subsidiary company, Beston Technologies Pty Ltd.

One of the key objectives of Beston is the supply of premium, healthy food and beverage products to consumers. To ensure that these products are safe to consume, Beston has built a proprietary technology platform that enables consumers to verify the provenance of the products. This technology platform has been awarded 13 patents, including 2 Block Chain patents granted in the USA and Australia.

The technology comprises OZIRIS™, an encrypted end-to-end traceability and verification platform, and BRANDLOK, a serialised verification application. These technology solutions have been successfully deployed in support of Beston’s exports into ASEAN and China, and within the domestic market. This has enabled retailers, consumers and logistics partners in the supply-chain to have recognisable traceability and verification of contracted goods. This has assisted in reducing financial cost and food waste through fraudulent counterfeiting, while also providing confidence to purchasers and avoiding retail brand damage.

Over the past twelve months, significant enhancements have been made to the technology to enable broader market deployment of the platform as a retail Software-as-a-Service (SaaS) technology. These enhancements have been achieved through a collaboration with the University of Technology Sydney (Computer Sciences), supported by the Australian Government’s DISER Entrepreneurs Programme, and a 3-year award of the prestigious CSIRO supported SIEF Ross Metcalfe Business Fellowship grant.

The grant support has enabled the development of Series 3.1 OZIRIS™ Plus into a new IOS and Android application, using the latest languages for iPhone and google mobile devices. Additionally, in-the-cloud data backend management systems using both MS Azure and

Amazon AWS platforms has enabled dual access and Industrial Internet of Things (IIoT) service options to be provided for potential SaaS Licences.

The various enhancements have meant that OZIRIS is now a more agile, interoperable technology, capable of working with various data interfaces, anywhere in the world. Distributors and foreign retailers can remotely verify the origin, health and safety compliances of exported products, track and trace the logistics and ingredients of goods, and thereby reduce border clearance delays and customer disputes. The interest shown in the technology from a wide diversity of industries, and potential customers, has confirmed the integrity and viability of the technology.

Work is currently underway to add Distributed Ledger and Smart Contract applications to the technology, particularly as it applies to the Australian Dairy industry and its supply-chain into retail and food services markets. The efficiency gains which can be derived from these applications are being investigated in parallel by Dairy Australia (DA), Australian Dairy Farmers (ADF), and the South Australian Dairy Authority (SADA).

Under a collaboration agreement with US Technology company Digimarc Corporation, its Digimarc SDK imperceptible digital watermarking has been integrated into the evolved Beston Technologies platform to gain enhanced protection against the counterfeiting of food labels and/or adulteration of branded food products (in overseas markets in particular). Externally audited trials conducted at Beston's Jervois dairy facility revealed exceptional data accuracy from installed conveyor belt test scanners, which has also opened up the opportunity to use the technology in waste management applications (via identification and sorting of packaging materials).

The terms of an OEM technology license Agreement have been agreed and a joint application to the technology into intelligent waste sorting, and recycling of plastic packaging, is being actively supported with several partners in the waste management and recycling industries. The application of the technology will assist the Dairy Industry, and Beston, to meet its legislated obligations to use up to 75% recycled plastics in its packaging by 2025.

The new enhanced mobile and windows environments now embedded in the OZIRIS technology platform is currently undergoing Beta trials within Beston's own cross-border food ingredients product range (particularly Lactoferrin), and with several other Australian Food and beverage companies.

Collaborations to improve the prospects of progressive in-market applications of a high-quality retail traceability and provenance via Software-as-a-Service (SaaS) have been made with Deakin Universities Centre for Supply-chain and Logistics (CSCL), the Australian Dairy Farmers (ADF), the Australian Food and Grocery Corporation (AFGC), the Australian Meat Processor Corporation (AMPC) and the SA Limestone Coast food cluster. The objective, on completion of the various projects currently underway, is to achieve the commercial launch of the technology as a SaaS offering to customers on a royalty basis.

This ASX release was approved by the Board of Beston and authorised for release by Dr Roger Sexton AM, Chairman.

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