

ASX RELEASE

2 April 2019

## IMEC COLLABORATION UPDATE

4DS Memory Limited (ASX:4DS) (**4DS** or the **Company**) is pleased to provide an update on its collaboration with imec, its development partner.

As announced by the Company on 20 February 2019, 4DS and imec successfully undertook analysis of 23 testable 300mm wafers, including wafer "D17". Wafer D17 demonstrated the best characteristics with respect to endurance and retention – two core characteristics for Storage Class Memory on which the testing and analysis was focused.

4DS Memory is pleased to advise that imec has today commenced the processing of the next lot of 300mm wafers, being variations of wafer D17. The speed with which 4DS and imec have been able to determine the process conditions for this next lot of wafers, and commence their manufacture, is due to the invaluable data obtained from previous iterations.

The results from the analysis of this next lot of wafers will be available in Q2 2019, as previously reported.

**ENDS**

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### About 4DS

4DS Memory Limited (ASX: 4DS), with facilities located in Silicon Valley, is a semiconductor development company of non-volatile memory technology, pioneering Interface Switching ReRAM (Non-Filamentary ReRAM), for next generation gigabyte Storage Class Memory. Established in 2007, 4DS owns a patented IP portfolio, comprising 20 granted US patents and 3 patents pending, which has been developed in-house to create high density Storage Class Memory. 4DS has a joint development agreement with Western Digital subsidiary HGST, a global storage leader, which accelerates the evolution of 4DS' technology. 4DS also collaborates with imec, the world's #1 independent semiconductor development institute.

For more information, please visit [www.4dsmemory.com](http://www.4dsmemory.com).

### About imec

imec is the world-leading research and innovation hub in nanoelectronics and digital technologies. The combination of our widely acclaimed leadership in microchip technology and profound software and ICT expertise is what makes us unique. By leveraging our world-class infrastructure and local and global ecosystem of partners across a multitude of industries, we create ground breaking innovation in application domains such as healthcare, smart cities and mobility, logistics and manufacturing, energy and education.

As a trusted partner for companies, start-ups and universities we bring together close to 3,500 brilliant minds from over 75 nationalities. Imec is headquartered in Leuven, Belgium and also has distributed R&D groups at a number of Flemish universities, in the Netherlands, Taiwan, USA, China, and offices in India and Japan. In 2016, imec's revenue (P&L) totalled 496 million euro. Further information on imec can be found at [www.imec-int.com](http://www.imec-int.com).

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For more information, please visit [www.imec.be](http://www.imec.be).

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