

### Zero Point Motion



Company Key Facts	
Business Description	Semiconductor start-up developing a chip-scale Inertial Measurement Unit (IMU) for ultra-precise motion-tracking and indoor navigation
Company Website	<a href="http://www.zeropointmotion.com">www.zeropointmotion.com</a>
Headquarters	Bristol and Cambridge
Industry	Semiconductors
Fund Investment Date(s)	November 2021
Fund Investment Total	£0.8m
Current Investment Performance	●

#### Trading Update

- ZPM is continuing development of the first prototype of their innovative inertial measurement unit (IMU). As a reminder, ZPM's technology combines the low-cost benefits of conventional micro-electro-mechanical sensors (MEMS) with the high accuracy of photonic integrated circuits (PICs).
- A key activity for the second half of 2022 has been hiring the core team. This is now complete, with the final, star hire being a senior MEMS engineer joining from NXP. The rate of technical progress being made by ZPM is increasingly significantly now that the full team is in place.

#### Recent Events

- At the 2022 year end, ZPM was close to having its first prototype sensors assembled and ready for testing. There have been some delays to this process due to the complexity of the technology and some production issues in the supply chain. However, ZPM has accelerated development of the next generation of sensors, meaning the longer-term plan remains on track.
- ZPM has started to build commercial interest in its technology, including speaking to potential customers. The insight from these conversations is helping the team to refine the exact performance specifications for the first commercial sensor.

#### Current Focus and Outlook

- ZPM has undertaken an assessment of fabrication facilities ("fabs") to determine which one it wants to partner with for mass production. This is a big decision to make as the right fab must have the full range of processes that ZPM requires to make their product, while also being able to scale production to millions of units.

#### FWT Value-Add

- Through its Director seat on the board, Foresight has worked closely with ZPM on their funding strategy for the next funding round. This includes helping to identify the key milestones which the Company needs to hit before it can raise further funding, as well as making introductions to potential lead investors for the next funding round.
- ZPM has submitted an Innovate UK bid in partnership with WAE, the University of the West of England and the Royal Institute of Navigation to embed ZPM's sensors on the Jaguar Formula-E vehicle which is run by WAE.