SIMBLE ADVANCES DEVELOPMENT OF NANOSENSOR PLATFORM ACROSS MULTIPLE HIGH-POTENTIAL APPLICATIONS

10 June 2026

Structured development program for Nanosensor technology advances as Simble approaches completion of initial commercial assessments of technology across gas detection, UV and wavelength sensing, e-skin and other high-value application areas.

KEY HIGHLIGHTS

- **Development Program Approaching Initial Outcomes**
  Simble's structured development program of its exclusively licensed NanoSensor Technology is advancing with substantial laboratory data, working prototype devices and characterisation work available. Initial findings on the platform's commercial potential across several high-value application areas are now nearing completion, with first results expected in the near term.

- **Multiple High-Potential Application Areas**
  The development program has been investigating the NanoSensor's potential across gas detection, UV and wavelength sensing, e-skin and flexible electronics, multi-sensor integration and defence and security-relevant applications, each subject to application-specific validation. Each area represents a distinct commercial opportunity, with the program designed to identify which pathways offer the strongest commercial case for accelerated development.

- **Aligned to Multi-Billion Dollar Markets**
  The development program targets segments of the Industrial IoT (projected US$1.69T by 2030), CBRNe defence sensing (US$30B by 2033) and wearable medical devices (US$139B by 2035) markets — segments where conventional sensor hardware is structurally limited and the NanoSensor platform is positioned to compete.

- **Structured Development Framework**
  Areas under investigation are progressing through a clear five-stage framework from initial sensor fabrication through to potential customer trials, providing shareholders with a transparent view of progress and decision points as each area is assessed.

- **Initial Outcomes Expected in the Near Term**
  Outcomes from the most advanced application areas under evaluation are expected to be reported, with further updates to follow as remaining areas progress through the framework.

- **Pathway to Vertical Integration**
  Successful commercialisation of any NanoSensor application area would provide a pathway toward Simble-branded sensor devices, improving product economics and enabling deeper technical integration across the platform.

[1] Industrial Internet Of Things Market | Industry Report, 2030
[2] CBRNE Defense Market Size, Share & Forecast Report - 2034
[3] https://www.marketresearchfuture.com/reports/wearable-medical-device-market-899

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NANOSENSOR DEVELOPMENT UPDATE

Simble Solutions Ltd (ASX: SIS) ('Simble' or 'the Company') is pleased to provide an update on its structured development program for its exclusively licensed NanoSensor Technology, which is now substantially advanced with initial outcomes expected in the near term. Simble holds the exclusive global commercialisation licence through its wholly-owned subsidiary, Next Nano Pty Ltd.

The platform comes to Simble with substantial laboratory data, working prototype devices and characterisation work already developed over multiple years, transferred under the exclusive licence acquired in the December 2025 Next Nano transaction. Building directly on that foundation, the current development program is investigating the NanoSensor platform's commercial potential across multiple high-value application areas and identifying which of those areas offer the strongest commercial case for accelerated development. With that work already substantially progressed, initial outputs are nearing completion.

In parallel, Simble's engineering and product teams have been undertaking assessment of how SimbleSense and CarbonView can be positioned to ingest, visualise and report data from any sensor application that progresses from assessment toward commercial deployment. This concurrent approach is intended to ensure that the time between commercialisation decisions and customer-ready capability is materially shortened.

HIGH-POTENTIAL APPLICATION AREAS

The NanoSensor Technology is designed to combine four characteristics rarely found together in a single sensing platform: molecular-level sensitivity, sub-millimetre form factor, ultra-low power consumption and integration flexibility, subject to application-specific validation. Together, these properties open commercial pathways into markets where conventional sensor hardware is structurally limited. The evaluation program is currently investigating the platform's commercial potential across the following high-value application areas:

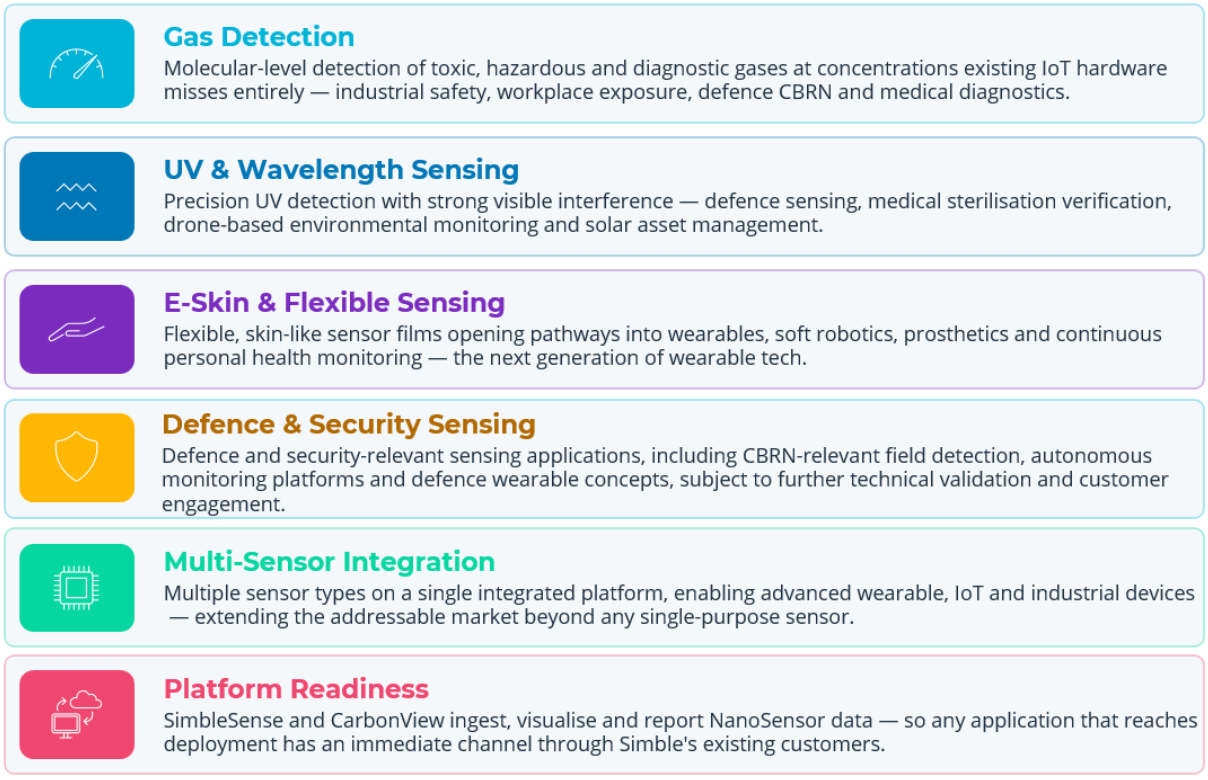

Figure 1: Six high-value application areas under evaluation, with commercial pathways extending across defence, healthcare, environmental compliance and next-generation wearable technology.

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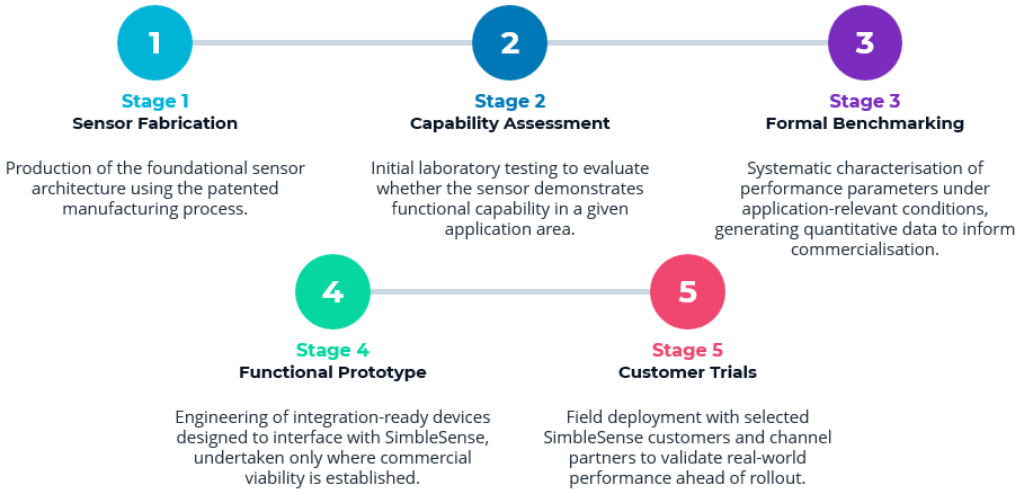
THE COMMERCIAL OPPORTUNITY

The application areas under evaluation collectively address some of the largest and fastest-growing markets in the global technology landscape. Across each of these segments, conventional sensor hardware is structurally limited by the constraints of size, sensitivity and power consumption — opening the door for purpose-built nanosensor platforms to compete.

Industrial IoT	CBRNe Defence Sensing	Wearable Medical Devices
US$1.69 Trillion	**US$30 Billion**	**US$139 Billion**
projected by 2030[1]	projected by 2033[2]	projected by 2035[3]

STRUCTURED DEVELOPMENT FRAMEWORK

Areas under development progress through a clear five-stage framework. This structure provides a consistent basis for evaluating commercial viability across different application areas and for reporting progress to shareholders:



WHAT SIMBLE HAS TODAY

The world is moving toward a future where sensors are everywhere and embedded in workplaces, infrastructure, wearables, drones, medical equipment and industrial systems, all generating the real-time data that next-generation industries depend on. For that future to function, sensors need to be smaller, more sensitive, less power-hungry and capable of operating reliably in environments where conventional hardware was never designed to perform. Nanostructured sensors, often referred to as nanosensors, are the category of sensing technology purpose-built to meet these requirements.

Nanosensors are sensors engineered at the nanoscale — meaning their core sensing elements are measured in billionths of a metre. At that scale, sensing materials behave fundamentally differently to bulk materials. They can offer improved sensitivity, faster response and lower power operation, depending on the sensing material, device architecture and target application. This combination of attributes is what allows nanosensors to detect what conventional sensors miss, fit where conventional sensors cannot, and operate continuously where conventional sensors cannot be powered.

Simble's exclusively licensed NanoSensor platform is built on these principles, enabling detection at concentrations conventional sensors miss, fitting into hardware too small for conventional sensors to occupy,

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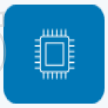
and runs on a fraction of the power conventional sensors require. These characteristics make it relevant across multiple commercial markets where existing sensor hardware is structurally limited. For Simble, this represents an opportunity to participate in a class of sensing technology that sits at the intersection of several of the Company's existing focus areas such as energy, environmental data, ESG reporting and Industrial IoT while opening commercial pathways into adjacent markets over time.

Following completion of the April 2026 acquisition, Simble holds all the assets required to undertake a credible development program:

Exclusive Patent Rights
Exclusive global commercialisation licence to the patented NanoSensor Technology (PCT/AU2024/050143).



Working Laboratory Devices
Physical sensor devices, a miniature sensor-on-chip and a flexible nanosensor strip acquired in the December 2025 Next Nano transaction.

Inherited Research Foundation
Years of laboratory data, prototype development, characterisation work and peer-reviewed research supporting the underlying sensing materials and device concepts.

Two Commercial Platforms
SimbleSense and CarbonView already serve C&I and mid-sized enterprise customers across Australia and the UK — ready to ingest and report sensor data.

Established Routes to Market
Direct B2B sales and channel-partner relationships across multiple geographies — an immediate commercial vehicle for any sensor products that emerge.

Simble's Chief Executive Officer, Fadi Geha, said: *"We have acquired exclusive rights to a genuinely differentiated piece of sensor technology, and our task now is to determine where it creates the most value. The development program we are running is designed to do exactly that and systematically investigate the platform's commercial potential across a number of high-potential application areas, and identify which pathways warrant accelerated development. We are not pre-committing to any specific outcome. We are committing to a structured, transparent process and to reporting our findings as they emerge, so that shareholders can see the commercial trajectory of this asset as it develops."*

This announcement has been authorised for release by the Board of Simble Solutions Ltd.

ENDS

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ABOUT SIMBLE

Simble Solutions Limited (ASX: SIS) is a global Energy and Sustainability provider with integrated solutions across energy efficiency, sustainability and renewable energy development, supporting the global transition to Net Zero. Following the December 2025 acquisition of exclusive rights to the patented NanoSensor Technology, Simble is advancing a structured evaluation program to investigate the platform's commercial potential across multiple application areas.

SimbleSense is an integrated hardware and real-time software solution that enables businesses to visualise and control their energy systems and reduce energy costs.

CarbonView is an enterprise-grade Carbon and Sustainability Reporting platform that allows companies to measure and reduce their carbon emissions and meet their reporting obligations.

Simble operates across the Commercial & Industrial and SME segments, distributing directly via B2B sales and through multiple channel partners, with offices in Australia, the United Kingdom and Vietnam.

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