

Dyson to open advanced manufacturing plant for next generation batteries in Singapore and accelerate software, AI and product development globally

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- *Dyson will double its advanced manufacturing footprint in 2023, with a new facility in Singapore to manufacture a proprietary battery made with new technologies.*
- *New sites in Singapore, the Philippines and the United Kingdom will further enhance Dyson's global 24/7 engineering and manufacturing capability, to bring technology to market more quickly with a focus on energy storage, software development and AI.*
- *The new sites will build on Dyson's existing footprint of campuses, R&D spaces and manufacturing facilities in Singapore, United Kingdom, China, Malaysia, Philippines and Poland.*
 - *New developments are part of an ongoing £2.75bn five-year investment plan.*



Dyson, the global technology company, today announced a major acceleration of its international advanced manufacturing capabilities and global R&D footprint, with a next generation battery plant in Singapore and new R&D campuses in the Philippines and the United Kingdom. The three major investments reflect the scale of Dyson's ambitions internationally, drawing on the very best engineering talent the world has to offer.

Sir James Dyson, Founder, said: "Software, connectivity, AI, and proprietary new technology batteries will power the next generation of Dyson technology. Just like our long-term investments in pioneering digital electric motor technology, Dyson's next generation battery technology will drive a major revolution in the performance and sustainability of Dyson's machines."

Singapore

Singapore, the location of Dyson's global headquarters, has been chosen as the home for its first proprietary new technology battery plant. The building will be completed this year and will become fully operational by 2025, producing Dyson battery cells with proprietary technology for newly developed Dyson products.



It is the most significant investment in advanced manufacturing in Dyson's history and is the size of 53 basketball courts. Dyson's new state-of-the-art factory is located at Tuas, in the west of Singapore.

Dyson started its in-house battery programme more than a decade ago, to pioneer smaller, lighter, more sustainable, and more energy dense batteries. Research teams have been working globally on the proprietary new technology battery, which uses novel materials and processes, and is assembled in a smart, digitally enabled environment.

Dyson's Chief Executive, Roland Krueger, said: "We are focused on developing radically new and innovative Dyson products using science and pioneering technologies. Our advanced manufacturing expansion in Singapore will enable Dyson to bring entirely new battery technology to market. Singapore's highly skilled engineers and scientists, and supportive government that embraces Industry 4.0 manufacturing, make it the perfect place for a high-technology company such as Dyson."

Philippines

A new Philippines Technology Centre, representing an investment of £166m (~PHP 11bn), will span the equivalent of 92 basketball courts, and will bring together Dyson's research, development and advanced motor manufacturing capabilities under one roof.



The new campus in Sto. Tomas, Batangas, is thought to be one of the largest investments, and most advanced technology manufacturing centers, in the country and underscores the growing importance of the Philippines in Dyson's global ambitions. As part of the investment, Dyson aims to initially hire an additional 400 engineers and more than 50 graduate engineers who will join the team later this year.

Amongst other things, R&D teams in the Philippines will be focused on software, AI, robotics, fluid dynamics and hardware electronics. These fields of expertise are critical for Dyson's high-performing products, from robotic technologies to air enhancement technologies, and beauty products, such as the Dyson Supersonic hair dryer, which are increasingly enabled by software, sensors and connectivity. The MyDyson app already gives consumers live data on air quality and their surroundings and through sensors, AI and connectivity, Dyson engineers can add further functionality and utility over their lifetime and provide tailored advice and support.

Scheduled to be operational in the first half of 2024, the campus will follow in the footsteps of Dyson's other inspiring spaces globally, which place an emphasis on the wellbeing of Dyson People. The architecture of the campus will prioritise air quality, natural light, and greenery to support collaboration and the generation of new ideas. The campus includes leisure and sports areas, as well as laboratories and offices. The new state-of-the-art facilities are the most significant of their kind in the Philippines for Dyson.

United Kingdom

Dyson today also reveals plans for a £100m investment in a major new Technology Centre in Bristol, UK, that will be home to hundreds of software and AI engineers working on a pipeline of products that stretches 10 years into the future, as well as the global technology company's commercial and ecommerce teams for Great Britain and Ireland.



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Opposite Castle Park, in the heart of the city, the new centre represents a further major investment by Dyson in the UK after a Robotics Centre was announced last year at its Hullavington Airfield Campus in Wiltshire, where Dyson has restored RAF hangars and transformed them into R&D labs focused on wearables and robotics. The commitment to Bristol reflects the city's position as an international hub for software and digital skills, and will drive recruitment of the highest qualified people from the UK and around the world.

Commenting on the new building, Jake Dyson, Dyson's Chief Engineer, said: "To us, sensors, apps, and connectivity are about more than simply adding function to the machine. They transform how we support our owners and assess autonomously how to improve a product's performance over its lifetime to ensure they are at peak performance, without requiring the time of our customers. We have significant ambitions and will hire increasing numbers of software, AI and connectivity engineers as part of a growing global team. The new Dyson Technology Centre in Bristol will be a vital hub contributing to Dyson's connected future."

The new Technology Centre, to be built as part of the sustainable redevelopment of a building near Bristol Bridge, will sit alongside Dyson's existing UK presence, including the Malmesbury and Hullavington campuses, and offices in London, which combined employ more than 3,500 people involved in UK R&D, and where Dyson has invested £1.4bn in R&D over the last decade. The Malmesbury Campus is also home to the Dyson Institute, where 160 undergraduates study for a BEng engineering degree with no tuition fees, while earning a Dyson salary and working on real projects from Day One. The new Dyson Technology Centre in Bristol will contribute to Dyson's connected future, developing apps and connected functions of Dyson products.

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Notes to Editors

Dyson is a global research and technology company with engineering, research, development, manufacturing and testing operations in Singapore, the UK, Malaysia, Mexico, China, Poland and the Philippines. Having started in a coach house in the UK, Dyson has consistently grown since it was established in 1993. Today, it has a global headquarters in Singapore at the recently renovated St James Power Station, and two technology campuses in the UK spanning over 800 acres in Malmesbury and the restored Hullavington RAF Airfield, alongside 10 engineering and research hubs around the world. Dyson remains family-owned and employs over 14,000 people globally including a 6,000 strong global engineering team. It sells products in 85 markets internationally in more than 250 Dyson Demo stores, as well as online through pioneering digital tools and virtual experiences.

Dyson is investing £2.75bn in the business to conceive revolutionary products and technologies, and has global teams of engineers, scientists and software developers focused on the development of solid-state battery cells, high-speed digital motors, sensing and vision systems, robotics, machine learning technologies and A.I. investment. Since inventing the first cyclonic bagless vacuum cleaner - DC01- in 1993, Dyson has created problem solving technologies in air purification, robotics, haircare, lighting, hand drying, and now audio, with the Dyson Zone noise cancelling headphones with air purification, on sale this year.