

## Press Release

2 April 2025

### Cleantech Building Materials plc

#### Accoya® Wood projects in Singapore

#### ***Accoya® Wood elevates two landmark projects in Singapore – A triumph of premium quality and sophisticated design***

Cleantech Building Materials plc (“CBM”, the “Company” or the “Group”), is proud to highlight two significant recent, and contrasting, projects in Singapore that showcase the versatility and sustainability of Accoya® Wood in a variety of applications. These projects - the Artyzen Hotel and the KiddiWinkie Jurong Gateway preschool project for Babilou Family - exemplify the increasing demand for eco-friendly, high-performance building materials in urban developments.

The Accoya® Wood chosen for these projects is a high-performance solid wood that is used by architects and manufacturers to replace endangered tropical hardwoods and energy-intensive materials, like steel, aluminium and specialty plastics. Accoya® Wood is both sustainable and non-toxic to the environment. It is produced through the enhancement of sustainably grown Radiata Pine into the ideal material for windows, doors, shutters, decking, cladding and general construction.

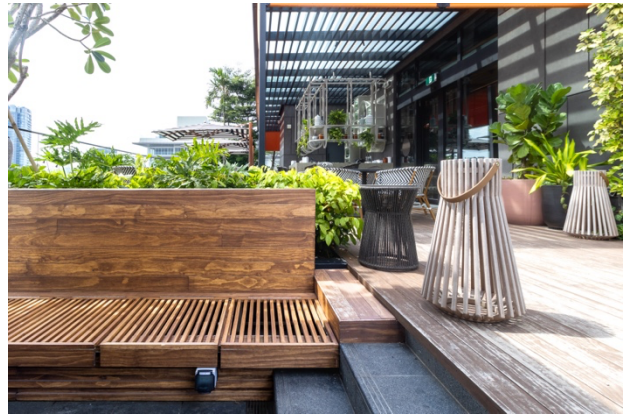
#### **The Artyzen Hotel, Singapore**

The Artyzen Hotel is a luxury hotel in Singapore, located in the heart of the city. On the top floor is The Roof Garden, a social destination with sweeping views of the West Orchard Road neighbourhood.



Accoya® Wood has been used for the decking surrounding the rooftop infinity pool and the terrace suite's private outdoor garden, providing a visually attractive and durable solution, fitting perfectly with the hotel's high-end aesthetic.

The adaptability of Accoya® Wood and its multitude of uses has also benefitted other areas of the hotel, such as benches and the balcony spaces of the rooms which feature Accoya® Wood soffit and cladding.



### **KiddiWinkie Jurong Gateway**

The choice of Accoya® Wood meant that the KiddiWinkie Jurong Gateway project could produce unique structures for the playground garden.





Designed by Inully, Inhabit Carefully, and CIAP, the KiddiWinkie Bailou Childcare Centre in Jurong Gateway, Singapore, features a playground birdcage structure crafted from sustainable, high-quality Accoya® Wood. The Group's Singapore distributor, Calvary Carpentry, constructed it.



**Commenting, Willy Paterson-Brown, Chair of CBM, said:** *“These two recent projects in Singapore are perfect examples of why Accoya® Wood is an increasingly popular choice. There are multiple use cases for Accoya® Wood as a sustainable, non-toxic, high-performance product that meets the global need for carbon reduction, whilst allowing for a practical and attractive solution. We remain focused on building our factory in China to meet the ever-increasing demand for Accoya® Wood, both in China and regionally and look forward to reporting on further progress in due course. As CBM continues to expand its footprint in the region, we welcome collaboration with architects, developers, and sustainability-focused stakeholders looking to incorporate Accoya® Wood into their projects.”*

## Accoya® Wood

Accoya® Wood can be used to create architecturally stunning designs. It offers dimensional stability, guaranteed durability of over 50 years and longer coating retention, which significantly reduces maintenance service requirements.

From a technical point of view, Accoya® Wood is the professional’s choice for a number of reasons relevant to this specific context. Namely, its enhanced moisture resistance, making it more resistant to termites, its dimensional stability and its resistance to splinters. Finally, its lower surface temperature makes it an ideal application for tropical climates.

It is also extremely visually attractive. In the application on the right, by using natural oil woodstain, the dark finishing highlights the natural wood texture, making it very suitable for luxury developments.



Sustainability played a key role in Accoya® Wood being selected for both these projects. It ‘locks in’ carbon for the 50+ years of its life cycle. For every cubic meter of Accoya® Wood produced, 944kg of CO<sub>2</sub> is sequestered, compared with 88kg of CO<sub>2</sub> emitted. To put that into context, when the second phase of the Company’s China Accoya® factory reaches 320,000 m<sup>3</sup> of capacity, that will be the equivalent of sequestering the CO<sub>2</sub> emissions from over 11 million litres of gasoline consumed per year. This is one of the reasons that Accoya® Wood is the only structural building material to have received Cradle to Cradle™ Gold certification.

CBM, through its subsidiary Diamond Wood China Limited, is building the first Accoya® factory in China to support this shift to sustainable building materials. Governments across the region increasingly require ‘climate tech’ solutions, like Accoya® Wood, for newly built cities and suburbs, as populations grow and countries become more urbanised.



The Group's main operating business in Asia, Diamond Wood, has been FSC® certified since 2008, and this certification covers the entire business. FSC is the gold standard for ensuring that the entire supply chain works with sustainably grown forests, which are harvested and replanted regularly. The Accoya® Wood manufacturing process has also been awarded the "Sustainable Production Technology Award" in the Netherlands, in part due to how the key outputs are reused. The Group's Accoya® Wood factory in China will similarly make sustainable production the overriding criterion of its mission. The Chinese government is a strong supporter of this approach.

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#### Notes to Editors:



CBM, through its subsidiary Diamond Wood China Limited, owns exclusive manufacturing rights to Accoya® Wood in China and is in the process of establishing a new large scale Accoya® Wood factory in China to meet the huge demand in the region.

For more information please see: <http://www.cbm-plc.com> and <https://www.diamondwoodchina.com>





Accoya® Wood is produced using a proprietary patented acetylation technology that effectively converts sustainably grown softwoods and non-durable hardwoods into what is best described as a 'high technology wood'. Distinguished by its durability, dimensional stability and, perhaps most importantly of all, its reliability (in terms of consistency of both supply and quality), Accoya® Wood is particularly suited to exterior applications where performance and appearance are valued. Moreover, the Accoya® Wood production process does not compromise the wood's strength or machinability. The combination of dimensional stability, durability and retained strength means that Accoya® Wood offers a wealth of new opportunities to architects, designers and specifiers. These benefits result in lower maintenance and total cost of ownership while using a higher sustainable and environmental responsible building material.



As an example of Accoya® Wood's use, Google's London headquarters, is the largest wooden façade in the world (23,300 m<sup>2</sup> total area). Accoya® wood was selected for its negative carbon footprint, resistance to exterior elements, and its beautiful natural aesthetic.



For more information please see: <https://www.accoya.com>