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**Cleantech Building Materials plc**

## **CBM advances first China Accoya® Wood factory as global demand accelerates**

*Chelsea Flower Show and a Royal visit highlight the global momentum behind Accoya® Wood*

When His Majesty King Charles III stopped at the Parkinson's UK garden at this year's Chelsea Flower Show, the curved walls, the seating and the handrail were built from the material specifiers now reach for by default: Accoya Wood. This high-performance wood already clads the largest timber façade in the world at Google's London headquarters and runs through more than 6,000 infrastructure, commercial and residential projects across Asia. Transformed through a patented process to outlast tropical hardwood, resist the elements and lock away carbon, Accoya Wood has become the natural choice for architects and specifiers worldwide.

That is the opportunity Cleantech Building Materials ("CBM") is building towards. Through its subsidiary, Diamond Wood China, CBM holds the exclusive right to manufacture Accoya Wood in China and is now constructing Asia's first factory to serve fast-growing demand across the region.



*His Majesty King Charles III at the RHS Chelsea Flower Show's Parkinson's UK garden, which features Accoya Wood*

## Commenting, Willy Paterson-Brown, Chair of CBM, said:

*"It was a privilege to see His Majesty King Charles III, whose commitment to the environment is well known, take such close interest in the Accoya Wood at the heart of the Chelsea garden.*

*"For CBM, occasions like this confirm what our strategy is built on. Demand for genuinely sustainable, high-performance timber is growing worldwide, and we are putting in place the scalable production capacity to meet it."*

## Building capacity at scale

CBM's China factory is being built in phases. Phase 1 will progressively reach 160,000 m<sup>3</sup> of annual capacity, Phase 2 will take output to 320,000 m<sup>3</sup>, and Phase 3 is planned to lift capacity to 480,000 m<sup>3</sup> a year, laying the foundation for a major shift towards carbon-negative construction in the world's largest building materials market.

The environmental case is substantial. On a net basis, every cubic metre of Accoya captures 856 kg of CO<sub>2</sub> (944 kg sequestered against 88 kg emitted). At Phase 2 output, CBM's factory will lock away approximately 274,000 tonnes of CO<sub>2</sub> each year, equivalent to removing around 60,000 cars from the road.

## The Accoya® Wood advantage

Accoya is a solid wood product created through a patented acetylation process that transforms fast-growing, FSC®-certified radiata pine into a material whose strength and durability rival, and often exceed, those of tropical hardwoods and carbon-intensive materials such as steel, aluminium and PVC.

Used in windows, doors, cladding, decking and high-end structural architecture, Accoya offers:

- dimensional stability and durability backed by a 50-year warranty;
- low maintenance and long coating life, reducing total lifecycle cost; and
- strong performance in tropical climates, including high resistance to termites and splintering, and a cooler surface underfoot.

Accoya is the only structural building material in the world to hold Cradle to Cradle Certified® Gold certification.

Diamond Wood China has held FSC® certification since 2008, ensuring full traceability and responsible sourcing from sustainably managed forests. The new facility will incorporate advanced environmental standards and closed-loop systems that repurpose key production outputs, supporting a circular, low-impact industrial model.

CBM believes these trends reinforce a significant opportunity to establish carbon-negative construction materials at scale in China and across Asia.

## Further Enquiries

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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 building a new large scale Accoya Wood factory in China to meet the huge demand in the region.

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.





*Google London headquarters in King's Cross, London, which features Accoya Wood*

For more information: [www.cbm-plc.com](http://www.cbm-plc.com), [www.diamondwoodchina.com](http://www.diamondwoodchina.com) and [www.accoya.com](http://www.accoya.com)



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