



ASX RELEASE

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## HydRestor exhibit at two major US water industry trade shows

- **Carbonxt to present its HydRestor technology at two major US water industry events in Miami and New Orleans**
- **New development pipeline for renewably sourced biochar pellets, a fast-growing addressable market that leverages Carbonxt's existing IP in carbon sequestration**
- **Business development initiatives complement strong conditions in core US markets for activated carbon products**

United States focused Cleantech company **Carbonxt Group Ltd (ASX:CG1)** ("**Carbonxt**" or "**the Company**") is pleased to provide an update on several new business development initiatives in the second half of 2022.

The Company has been selected to present at two leading US industry events; The Water Expo in August, and the WEFTEC water quality event in New Orleans in October.

For its on-site presentation at both conferences, Carbonxt will highlight its patented HydRestor technology, an activated carbon sorbent developed specifically for the removal of phosphorus in water-phase applications.

HydRestor pellets are designed to absorb problem nutrients in water which can cause algae to form in natural water bodies.

Earlier this year, Carbonxt was awarded with a \$400,000 Innovative Technology Grant (**ASX announcement, March 16 2022**) by the Florida Department of Environmental Protection (FDEP)

The grant funding will support an extended research program over the US summer season (June-August), in which the Company will treat +8 million gallons of water over the 4-month period.

The focus of the project will be on reclaimed wastewater, a major commercial opportunity in the state of Florida where more than 880 million gallons (330 Megalitres) of water is reused per day

Accommodating its research program, Carbonxt's participation in two major US industry events gives another great opportunity to showcase its lineup of HydRestor pellet products and demonstrate the effectiveness of its technology.

### *About the Water Expo:*

An annual industry event, the 2022 Water Expo will be held at the Miami Airport Convention Centre on August 24/25, and this year will include an expanded exhibit hall.

The Expo is the only trade show that targets both the US market as well as Latin America and the Caribbean, where it has established a strong track record linking US-based manufacturers and distributors with buyers and other industry professionals.

Buy-side attendees at the event include representatives of multiple US government municipalities, as well as water treatment facilities and wastewater industry executives.



### *About WEFTEC*

WEFTEC -- the Water Environment Federation's Technical Exhibition and Conference -- is the largest conference of its kind in North America and attracts a global cohort of leading water industry executives.

The conference is the largest annual water quality event globally, with an expansive show floor at the Ernest N. Morial Convention Center that plays host to the most cutting-edge water management technologies from around the world.

The conference also offers extensive professional development services where attendees can earn continuing education credits, with a coordinated network of technical workshops addressing all of the major wastewater issues and solutions facing the world today.

### **New product initiatives**

As part of the continuing evolution of its product suite, Carbonxt has also commenced development of renewably sourced biochar pellets.

A byproduct of the pyrolysis of biomass, biochar is a fine-grain residue rich in carbon that has demonstrated use-cases in improving soil quality and agricultural carbon sequestration practices.

The biochar sector is now developing into a major new addressable market, with interest from global industries such as resource intensive industries which are increasingly focused on carbon reduction measures.

Carbonxt is uniquely positioned to enter this estimated US\$1bn-plus addressable market due to its extensive R&D capabilities, world-renowned carbon experts, expertise in pellet manufacturing and its access to sources of renewable material

### **Comment**

**Managing Director Warren Murphy said:** *“During the first half of the year, Carbonxt has achieved a number of operational breakthroughs in both R&D and new recognised revenue streams. In that context, the opportunity to present our technology at two of the largest water management exhibitions in the US market comes at the ideal time for the Company. We look forward to the marketing and networking opportunities these business development opportunities in the US market will provide, now that our core business operations are fully established in the region. The Company has a busy schedule for both project development and sales in the second half of 2022, and we look forward to providing the market with further updates ahead of the launch of our new Kentucky manufacturing facility in early 2023.*

**This announcement has been authorised for release to ASX by the Board of Directors of Carbonxt Group Limited.**

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### **About Carbonxt**

Carbonxt (ASX:CG1) is a cleantech company that develops, and markets specialised Activated Carbon products, focused on the capture of contaminants in industrial processes that emit substantial amounts of harmful pollutants. The Company produces and manufactures Powdered Activated Carbon and Activated Carbon pellets for use in industrial air purification, wastewater treatment and other liquid and gas phase markets.