

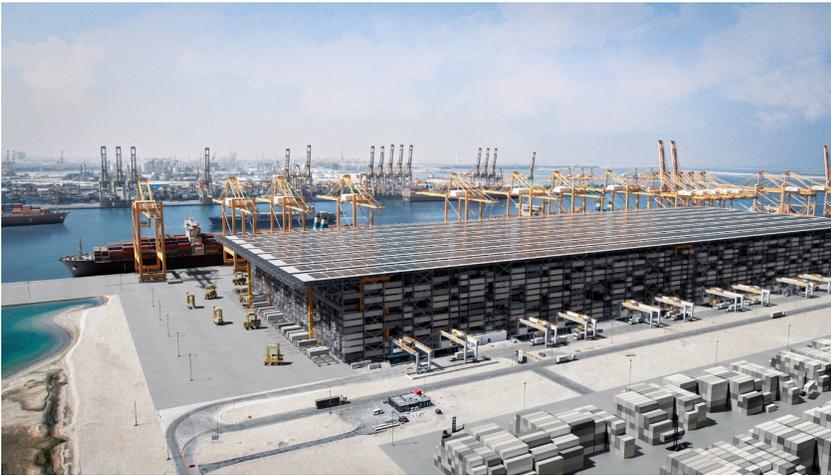
## PRESS RELEASE

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Düsseldorf, September 27, 2021

# Fast, smart and green – Revolutionary BOXBAY container stacking system confirmed as “Market- ready”

Following comprehensive commissioning and testing of the proof of concept in the Port of Dubai, JV partners SMS group and DP World have confirmed the BOXBAY high bay storage (HBS) system as global market-ready.



Optional solar panels on the roof can reduce the CO<sub>2</sub> footprint to a minimum.

- Higher storage capacity per ground space
- Smart operation with no reshuffling required
- Excellent eco-balance
- Customer site visits planned during Seatrade Maritime Middle East 2021 and EXPO 2020

Following comprehensive commissioning and testing of the proof of concept in the Port of Dubai, JV partners SMS group and DP World have confirmed the BOXBAY high bay storage (HBS) system as global market-ready. The system has clearly exceeded all expectations and the real-life data, based on more than 80,000 container moves so far, already shows that this technology is the answer to the growing volume of goods traffic in sea ports.

The BOXBAY HBS system is an eco-friendly solution that will set new standards in the storage capacity, performance, and digitalization of ports. What's more, it presents an opportunity to increase supply chain decarbonization significantly. Yet not only ports stand to benefit. The system boasts an array of benefits for its environment:

The fully automated system does not need any lighting during operation and noise levels are kept to a minimum. Selected sides of the structure can be fully covered with soundproofing panels, which can even be greened.

Additionally all BOXBAY systems are powered exclusively by electricity. Consequently, they do not release any CO<sub>2</sub> emissions locally. Energy recuperation systems enable the recovery of electricity during container handling. An optional solar system on the roof provides more energy than required to run the entire system, which even makes it CO<sub>2</sub> positive.

These examples show that the port of the future can not only become faster and smarter but also greener. For Volker Brück, Director of Business Development of BOXBAY, this is a very promising combination:

“BOXBAY is an example, especially for future generations, that shows how economic efficiency and sustainability are not mutually exclusive but rather complement one another perfectly. I can't think of any other system that fulfills such a wide range of requirements and has been designed with as much responsibility and consideration for the people who work at the ports or live near them.”

EXPO 2020, starting October 1, 2021 in Dubai, is a significant milestone for BOXBAY. As part of the Seatrade Maritime Middle East 2021 which will take place December 13th-15th, 2021 in the Dubai Expedition Center on the EXPO site, BOXBAY will not only show the system to port logistics insiders but also to the world's decision makers from all other sectors. While the BOXBAY site in the Port of Jebel Ali is not officially part of the EXPO, the innovative novelty will be presented to as many interested and potential customers and port experts as possible.

“We are proud to show our logistics solution to the world and how it is set to revolutionize the way containers are handled in ports. Our team looks forward to using the TOC 2021 and EXPO as an opportunity to bring interested media and key stakeholders to the proof of concept in the Port of Dubai”, explained BOXBAY CEO Dr. Mathias Dobner.

Are you interested in visiting the BOXBAY High Bay Storage system in the Port of Dubai during Seatrade Maritime Middle East 2021? Contact: [visitHBS\(at\)boxbay.com](mailto:visitHBS@boxbay.com).

BOXBAY ([www.boxbay.com](http://www.boxbay.com)) is an international joint venture formed by global trade enabler DP World and industrial engineering specialists SMS group. The High Bay Storage system was originally developed by SMS group subsidiary AMOVA for round the clock handling of heavy metal coils each in racks as high as 50 meters. AMOVA is the first company to transfer this proven technology to the port industry. The High Bay Store BOXBAY is an automated container handling system that stacks containers up to eleven stories high. It delivers more than three times the capacity of a conventional yard with enhanced performance, so the footprint of terminals can be reduced by up to 70 percent and enables any container to be accessed individually without moving any other.

*BOXBAY is an international joint-venture formed by global trade enabler DP World and industrial engineering specialists SMS group and is offering different solutions for container storing and handling by means of High Bay Storage (HBS) systems - a disruptive technology that significantly improves operations at container terminals. BOXBAY gives the answer to the growing volume of goods traffic in sea ports and presents an opportunity to significantly*

*increase supply chain decarbonization. A BOXBAY High Bay Storage system offers an eco-friendly solution and sets new standards in storage capacity, performance, and the digitalization of ports.*