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Red Sea International Airport readies to support Saudi Arabia's future tourism plans with ADB SAFEGATE solutions

Greenfield airport is core to Kingdom's Vision 2030 to diversify its economy and open the region to the world

ADB SAFEGATE has been chosen to deploy its airfield and gate systems at the new Red Sea International Airport, including energy efficient airfield lights, its market-leading Individual Lighting Control and Monitoring System (ILCMS) and Safedock T1 Advanced Visual Docking Guidance System (A-VDGS). Equipment deployment and capability has been selected to easily integrate with future systems, to support the Red Sea International Airport's future expansion plans from CAT II initial-operations towards CAT III. The project reflects the airport's vision to use scalable technology to enable a seamless landing experience while aligning with sustainability goals.



"Our vision is to provide a next-generation, unique travel experience using revolutionary design and technology. The airport is designed to reach a capacity of a million passengers by 2030 and is conceived as a gateway to one of the most unique resorts in the world – The Red Sea Project. Scalable, future-ready solutions and global best practices that help us raise efficiency and meet our sustainability goals are key to the project's realization as we look to welcome our first guests by the end of 2022," said **Ian Williamson, Chief Projects Delivery Officer, The Red Sea Development Company.**

As part of a larger airside infrastructure project awarded to the joint venture between Nesma & Partners and Almajani, ADB SAFEGATE will provide the Red Sea International Airport with an addressable CAT II airfield ground lighting (AGL) solution that includes an Individual Lighting Control and Monitoring System (ILCMS) with close to 3,000 LED airfield lights and guidance signs fully integrated into the system. The company will also deliver its Safedock T1 A-VDGS to support pilots with safe, efficient, and precise automated aircraft parking, during



virtually all operating conditions. The A-VDGS will integrate with the airport's backend systems like the Enterprise Service Bus (ESB) and Airport Operational Database.

The AGL solution being deployed will support the CAT II approach out of the box, and can be upgraded to CAT III and Follow the Greens. ADB SAFEGATE has also offered IGBT – pure sine wave Constant Current Regulators (CCRs) that are specifically designed to supply power to airport lighting series circuits at various intensity levels. At Red Sea International Airport, it will provide high reaction speed to cope with present day circuits characterized by non-linear loads, such as taxiway guidance signs, LED electronics and ILCMS modules.

“The ability to integrate with future systems is a key advantage for Red Sea International Airport. As a manufacturer and service provider for all AGL and GATE systems, we're able to offer full configurations on-site without the need of any external OEMs. With our global experience with CAT II and CAT III airports and inhouse design and aftermarket support team, we are excited to support the development of this next-generation airport to serve an upcoming tourist area,” said **Aziz Cakir, Vice President, Middle East and Africa, ADB SAFEGATE.**

Scheduled to welcome its first guest by the end of 2022, the Red Sea International Airport project is part of The Red Sea Project, which aims to diversify the country's economy by attracting tourists as a part of the Kingdom's Vision 2030 plan. This includes a major push towards sustainable tourism – with an aim to double the number of annual tourist visitors to 100 million by 2030. The Red Sea Project is expected to create thousands of jobs and boost revenue by double digits in the region.

About ADB SAFEGATE

ADB SAFEGATE provides integrated solutions that raise efficiency, improve safety, boost environmental sustainability, and reduce operational costs for airports, airlines, and ANSPs. The company works with airports and airlines to solve operational bottlenecks from approach to departure. Solutions encompass airfield lighting, tower-based traffic control systems, intelligent docking automation, and services, as well as applying advanced IT and analytics to deliver industry-leading Total Airport Solutions.

With more than 1,200 employees, ADB SAFEGATE serves more than 2,500 airports in more than 175 countries, from the busiest and largest like Atlanta, Beijing, Dubai, Heathrow, Charles De Gaulle, Frankfurt, Istanbul, New Delhi and Changi to fast-growing airports across Asia and Africa. For more information about ADB SAFEGATE, please visit our website at adbsafegate.com.

Media Enquiries

ADB SAFEGATE

Tammi Phippen

Media Relations

Phone: +1 763-535-9299

E-mail: tammi.phippen@adbsafegate.com