

Specialist Press Release

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Contact:
Ruth Wallner
BAUER Aktiengesellschaft
BAUER-Strasse 1
86529 Schrobenhausen, Germany
Phone +49 8252 97-1844
public.relations@bauer.de
www.bauer.de

Sustainable tourism at the Red Sea: Bauer constructs piles for major project in Saudi Arabia

Umluj, Saudi Arabia – Approximately 500 km north of the city of Jeddah in Saudi Arabia, a new recreation area is currently being established by The Red Sea Development Company (TRSDC), at the Red Sea as part of the “Red Sea Islands Project” that will combine nature, culture and adventure. For this purpose, an archipelago off the coast of Saudi Arabia is being developed for sustainable tourism in this region. By 2030, a total of 28,000 m² of beach, desert, mountains and volcanic areas on 22 islands will be transformed into an environmentally-friendly tourism center in Saudi Arabia.

TRSDC appointed marine contracting specialist Archirodon to design and build the iconic bridge to the Shurayrah island, as well as two smaller bridges. Archirodon tasked Saudi BAUER Foundation Contractors Ltd., a subsidiary of BAUER Spezialtiefbau GmbH, with the construction of piles for several bridge structures. In the first phase of the project, Bauer constructed three test piles for a load test, and in the second phase a total of 37 onshore piles with a diameter of 1,300 mm for two new bridges. For the central bridge, which connects the main island of Shurayrah with the mainland, 60 piles with a diameter of 1,500 mm and 27 piles with a diameter of 1,300 mm were installed in the third project phase off the coast.

Archirodon’s purpose made floating crane barge and its crew was used to assist Bauer piling team to construct 87 offshore piles. “This is not a typical working location even for us. What’s important here above all are precision and good logistics by Archirodon,” says Project Manager Mudasser Iqbal. “Fortunately, the timing for material deliveries by barge was optimal, so we were able to keep to the schedule.”

A BAUER BG 28 drilling rig was placed and safely secured on the Barge to carry out the drilling work. The work began in September 2021 and was successfully completed in February 2022.

Image: 2022-04_BAUER_Red Sea Islands Project



Multiple bridges are being constructed for a new, sustainable recreation area by the Red Sea. In addition to three test piles, Bauer constructed a total of 124 piles for this project.
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BAUER Spezialtiefbau GmbH, the original parent company of the BAUER Group, has been a major driving force in the development of specialist foundation engineering. It carries out all of the customary processes of foundation engineering, primarily for excavation pits, foundations, cut-off walls and ground improvements on a worldwide basis. In doing so, BAUER Spezialtiefbau GmbH works closely together with their over 50 subsidiaries and branches across the globe. Regional networks around the world allow for the quick and flexible application of machines, teams and expertise. Bauer Spezialtiefbau offers their customers individual, creative and economical specialist foundation engineering solutions for demanding construction projects, from planning through to execution. More at bst.bauer.de

About Bauer

The BAUER Group is a leading provider of services, equipment and products dealing with ground and groundwater. With over 110 subsidiaries, Bauer can rely on a worldwide network on all continents. The Group's operations are divided into three forward-looking segments with high synergy potential: Construction, Equipment and Resources. Bauer profits enormously from the collaboration of its three business segments, enabling the Group to position itself as an innovative, highly specialized provider of products and services for demanding projects in specialist foundation engineering and related markets. Bauer therefore offers suitable solutions to the world's greatest challenges, such as urbanization, the growing infrastructure needs, the environment, as well as water, oil and gas. The BAUER Group was founded in 1790 and is based in Schrobenhausen, Bavaria. In 2021, it employed about 12,000 people in around 70 countries and achieved total Group revenues of EUR 1.5 billion. BAUER Aktiengesellschaft is listed in the Prime Standard of the German Stock Exchange. More information can be found at www.bauer.de. Follow us on [Facebook](#), [LinkedIn](#) and [YouTube](#)!