

Press Release

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Transforming soil into construction materials: Bauer Resources obtains QUBA certificates for Hamburg soil treatment center

Hamburg, Germany – When it comes to recycling, most people think about reusable bottles, waste separation or maybe even upcycled tote bags. But they don't think about excavated soil, tons of which is generated at construction sites every day and disposed of as waste. Yet it is also possible to process some of this for use as an alternative construction material. BAUER Resources GmbH has been doing just that for multiple years at its location in Hamburg, and now is the first company in the Hanseatic region to obtain QUBA certificates for quality-assured soil material.

When soil is no longer waste

But what is behind the QUBA quality seal? First and foremost, the German Alternative Construction Material Ordinance, which prohibits the reuse of any non-certified mineral-based alternative construction materials since August 2023. With the certificates for material classes BM-0, BM-F1 and BM-F3, the soil treatment center in Hamburg now has it in cold print: "We are allowed to sell the recycled soil in compliance with the quality criteria," explains Thomas Drews, Head of Disposal for the North region at BAUER Resources GmbH. The certificate thus represents a turning point where soil is transformed back into a valuable raw material. This is long overdue. After all, resources are scarcer than ever these days. And the situation is only intensifying.

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Before the soil material can be reused, it must go through a sophisticated treatment process. At the soil treatment center in Hamburg, this all happens under one roof – and from a single source. The disposal specialists transport the soil material from the sites into the 4,500 m² treatment hall, where it undergoes various treatments depending on the material class. "Larger fractions >20 mm are separated by a flat deck screen, while our brand-new drum screen system is used for the production of the fraction 0-3 mm," remarks Kathrin Hagemann, Manager of the Hamburg soil treatment center. The final product is an unmixed, valuable alternative construction material with the highest level of quality. The main customers are primarily network operators who use the acquired material to fill in pipeline routes or as a protective layer around underground electrical cables.

Towards a sustainable future

In practice, this means: Every material that is reused does not need to be produced – which is perfectly in line with the circular economy. This conserves valuable raw materials, and the excavated soil does not be disposed of. This markedly reduces the consumption of site and landfill resources. The Hamburg soil treatment center is therefore a pioneer for sustainable solutions, both in the region and within the company itself. "We aim to further expand our capacities in this area and also certify other sites according to the QUBA

standards," says Head of Disposal Ulrich Morgenstern from BAUER Resources GmbH in conclusion.

Images: pressebild-press-image-quba-zertifikat-certificate-bodenreinigung-soil-treatment-hamburg-bauer-resources...



(1) BAUER Resources GmbH is the first company in the Hamburg region to obtain QUBA certificates for quality-assured soil material. (from left to right Daniel Rutte, Qualitätssicherung Sekundärbaustoffe GmbH; Thomas Fischer, Qualitätssicherung Sekundärbaustoffe GmbH; Kathrin Hagemann, BAUER Resources GmbH; Ulrich Morgenstern, BAUER Resources GmbH; Stefan Schmidmeyer, Baustoff Recycling Bayern e.V.)



(2) In the 4,500 m² treatment hall, the soil material is treated with the brand new drum screen plant. The final product is a valuable alternative construction material with the highest level of quality.

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About BAUER Resources Group

The regionally organized BAUER Resources GmbH is aligned to projects around the world with its subsidiaries in Germany, Africa, the Middle East and South America and has extensive expertise in the areas of drilling services and water wells, environmental services, constructed wetlands, mining and rehabilitation. With more than 30 years of experience, BAUER Resources GmbH's Bauer Umwelt business division is one of the leading specialists in site remediation, soil remediation and waste disposal, both in the domestic market and internationally. As an expert in pollution reduction, Bauer Umwelt offers a diverse range of services for all environmental issues. Other companies of the BAUER Resources Group are GERMAN WATER and ENERGY GROUP (GWE), SCHACHTBAU NORDHAUSEN GmbH and SPESA Spezialbau und Sanierung GmbH. More at bre.bauer.de

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The BAUER Group is a leading provider of services, equipment and products dealing with ground and groundwater. The Group can rely on a worldwide network on all continents. The Group's operations are divided into three forward-looking segments with high synergy potential: Geotechnical Solutions, 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. The BAUER Group was founded in 1790 and is based in Schrobenhausen, Bavaria. In 2022, it employed about 12,000 people and achieved total Group revenues of EUR 1.7 billion worldwide. More information can be found at www.bauer.de. Follow us on [Facebook](#), [LinkedIn](#) and [YouTube](#)!