

Press release

marketing communication

TenCate Geosynthetics introduces carbon footprint calculator for water management

In response to the increasing awareness of the positive environmental aspects of geosynthetics and geosystems, TenCate Geosynthetics – business unit Water & Environment – has developed the TenCate Geotube[®] carbon footprint calculator for use with dewatering and breakwater applications. This CO₂ footprint calculator provides water management customers with background information on several sustainability aspects.

Based on factual market and database information, TenCate Geosynthetics has developed and produced a carbon footprint calculator to determine the CO₂ footprint of sludge dewatering projects and of hydraulic structures for breakwater applications, to be built with the durable TenCate Geotube[®] systems. TenCate Geosynthetics has been working together with Sustain, the independent environmental accounting agency from the United Kingdom, which validated this innovative calculator.

Benchmarking water management solutions

The total footprint of an application is determined by using the independently validated database information on the impact of various factors, including types of transport, transport distances, and energy consumption by country. Within the calculator it is also possible to compare the solution that uses the TenCate Geotube[®] system with other dewatering solutions respectively hydraulic structures, based on information provided by the customer.

Positive impact on the environment

Based on its sustainability policy, TenCate continues to display the positive impact of advanced geosynthetics and geosystems on sustainability and the environment at large, thanks to the limited CO₂ footprint of these durable solutions. Alternatives to geosynthetics and geosystems are usually traditional materials such as concrete, stones and steel, which often have to be transported as heavy loads over long distances. By opting for geosynthetics, by contrast, locally available materials – such as sand or sediments – can be used, which drastically reduces the overall carbon footprint of a TenCate Geotube[®] based project.

TenCate Geosynthetics

Pendergrass, Georgia, United States of America, Wednesday 8 May 2013

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For further information:

Further details on the TenCate Geotube® carbon footprint calculator are available for download via www.geotube.com or on YouTube on channel: TenCateGeotube.

To use the TenCate Geotube® carbon footprint calculator, contact TenCate at footprint.tencategeotube@tencate.com

Digital pictures are on request available via: media@tencate.com

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TenCate Geosynthetics develops solutions and systems for transportation infrastructure, water management & cleaning, and environmental applications, delivered through synthetic woven, nonwoven, and knitted products. TenCate Geosynthetics has factories in North America, Europe and Asia.

Royal Ten Cate (TenCate) is a multinational company which combines textile technology with related chemical processes and material technology in the development and production of functional materials with distinctive characteristics. Products of TenCate are sold worldwide.

Systems and materials from TenCate come under four areas of application: safety & protection, space & aerospace, infrastructure & the environment, and sport & recreation. TenCate occupies leading positions in protective fabrics, composites for space and aerospace, antiballistics, geosynthetics and synthetic turf. TenCate is listed on the NYSE Euronext (AMX).