

SECURING SHORELINE EROSION WITH OUR NEW AUAROCKBAG

Thursday 22nd February 2024

Melbourne, 22nd February 2024 – Leading geosynthetic specialist, Geofabrics Australasia introduces AquaRockBag, a revolutionary solution used in safeguarding coastal infrastructure. This highly durable mesh net, made from premium virgin HDPE (High-Density Polyethylene) materials, is designed to naturally secure eroding shorelines in coastal and riverbank areas. Developed with a commitment to addressing these environmental and structural challenges, AquaRockBag aligns with Geofabrics' ongoing dedication to helping clients achieve environmentally sound and safer construction outcomes with smarter geosynthetics. Its versatility extends beyond shoreline stabilisation to encompass infrastructure protection, flood defence, port and harbour works, habitat creation, reef restoration, riverbank reinforcement and landscaping.

In the face of escalating climate change effects, Australia is witnessing rising temperatures, increased acidity, and more frequent severe weather events in its waters. Freshwater and coastal ecosystems, critical habitats for diverse species, are under threat of irreversible damage. Studies by CSIRO reveal a concerning 1.05°C increase in average sea surface temperature since the 1900s. As the ocean absorbs 91% of greenhouse gas emissions, marine heatwaves become longer and more frequent, impacting ecosystems, species, and coastal communities.

Responding to these pressing challenges, Geofabrics remains at the forefront of coastal protection with AquaRockBag, by offering a versatile and sustainable approach to building coastal resilience. The material's high-quality, virgin HDPE composition provides superior abrasion against the forces of water and sediment, along with significant protection against intense sunlight, ensuring a performance lifetime of up to 100 years when submerged. The innovative design of AquaRockBag allows for flexible, on-site filling with rocks, making it a highly adaptable solution for a variety of coastal and riverside environments.

Geofabrics CEO & Managing Director Dennis Grech

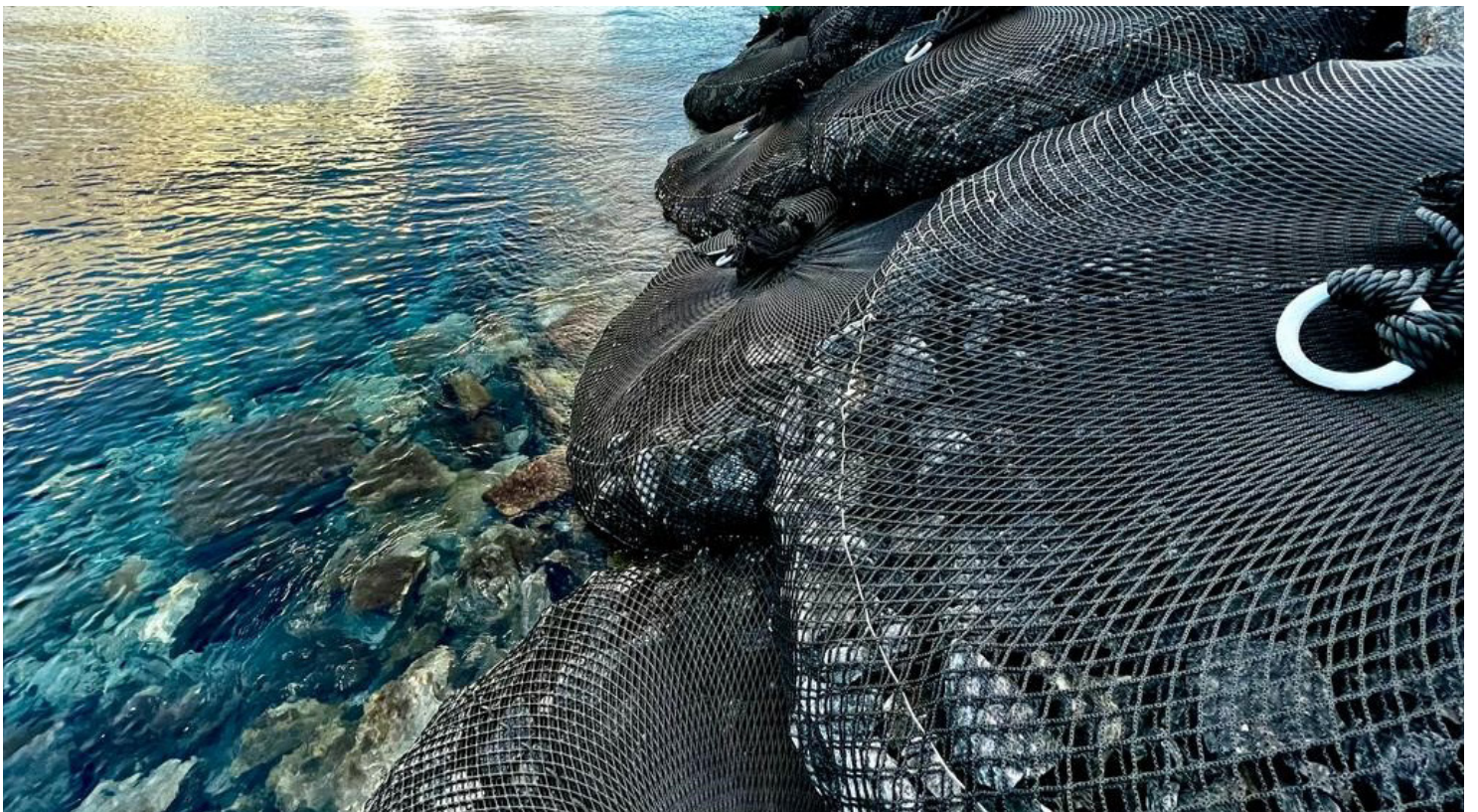
comments: "Geofabrics' partnership with Internationale Geotextil GmbH (IGG) on the AquaRockBag is a further step in offering our customers best in class geosynthetics solutions to safeguard critical infrastructure. Solving complex environmental problems is what we do and AquaRockBag is a global solution now available in our region of the world. I very much look forward to working with the IGG team in Australia, New Zealand and the Pacific."

ABOUT GEOFABRICS

Geofabrics have been in the business of geosynthetic engineering and building key infrastructure across Australasia for over 40 years. We work to develop new and innovative products and provide our customers with world's best solutions to complete civil projects. Geofabrics operates in various sectors with expertise in mining and infrastructure including roads, rail, coastal, waste, slopes and walls, renewables, water, defence, aviation and ports. Our sustainable product solutions have been developed to demonstrate cost savings, superior technical performance, safer operations and better environmental outcomes. Our focus is to protect, contain and secure the physical environment using smart geotextile and geosynthetic products.

ABOUT IGG

International Geotextil GmbH (IGG) is a leading company in the natural fibre geotextile industry based in Germany. With years of experience and expertise, the company specialises in manufacturing and distributing natural fibre geotextiles for erosion control. As a member of the Roess Nature group, the company has a strong commitment to innovation and sustainability, continually improving products and processes to meet the evolving needs of the market while reducing its environmental impact.



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