

StrataDrain™

A geosynthetic composite with 100-year* guarantee.

Leaders in geosynthetic solutions.



*T&C Apply.

StrataDrain™

Revolutionising drainage composites across civil works, landfills and mining.

Strata is a global leader in geosynthetic manufacturing and geotechnical engineering. Strata's ethos lies in constant innovation and development of solutions that are effective, resilient and sustainable to the environment.

We work with 500+ clients globally including government bodies around the world.

StrataDrain™ is a geosynthetic drainage composite which advantageously replaces traditional materials needed, cuts costs, enables easy construction with better surface filtration and effective drainage.

It offers a 100-year guarantee* from the best quality build. You significantly reduce carbon footprints, go sustainable with less reliance on natural materials and improve site maintenance.

StrataDrain™, is a drainage composite that comprises of HDPE geonet core laminated with PP non-woven geotextiles, on one or both sides.

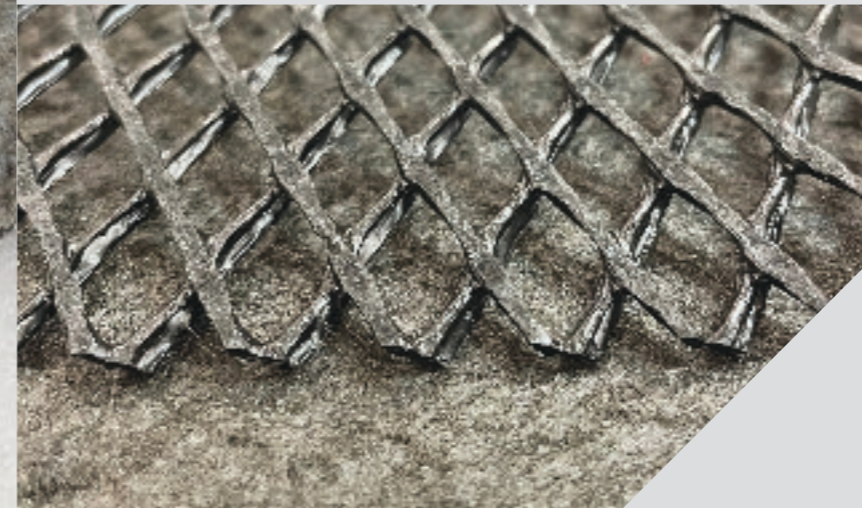
The non-woven geotextile functions as a separator, filter and for protection allowing liquid and gases to pass into the geonet core preventing the core from clogging. The geonet then collects and allows the flow of liquid and gases to the collection system.

Up to 4.0m wide, contains waterproofing materials and a geotextile barrier on one side

Laminated in PP non-woven geotextile from 90 to 1.000 gsm (one or both sides)

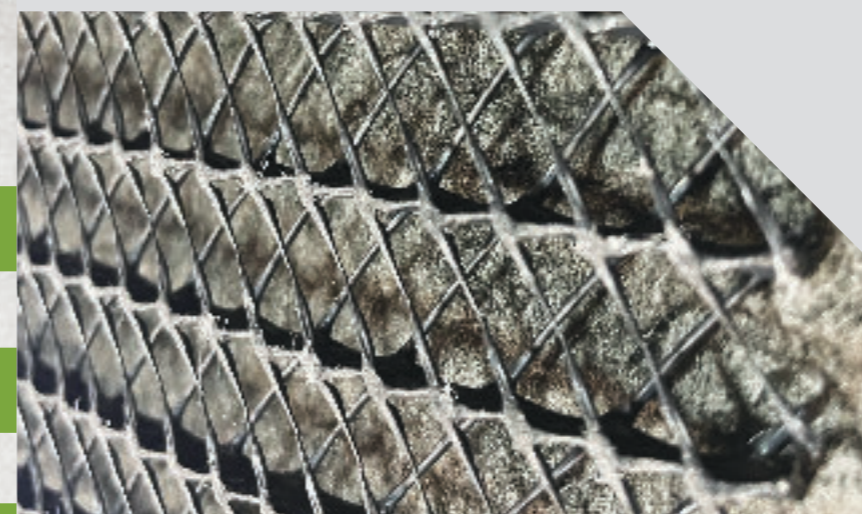
Best transmissivity properties in all load-bearing situations

The StrataDrain™ Range



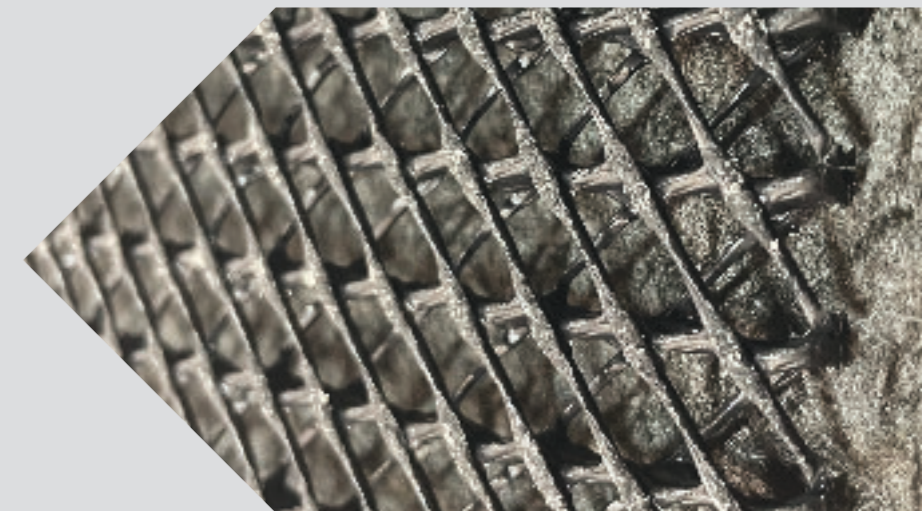
StrataDrain™ SD

Adaptability in all applications



StrataDrain™ TD

High performance under high pressure



StrataDrain™ HF

The best option for landfill capping

StrataDrain™ is Designed For

Civil Works



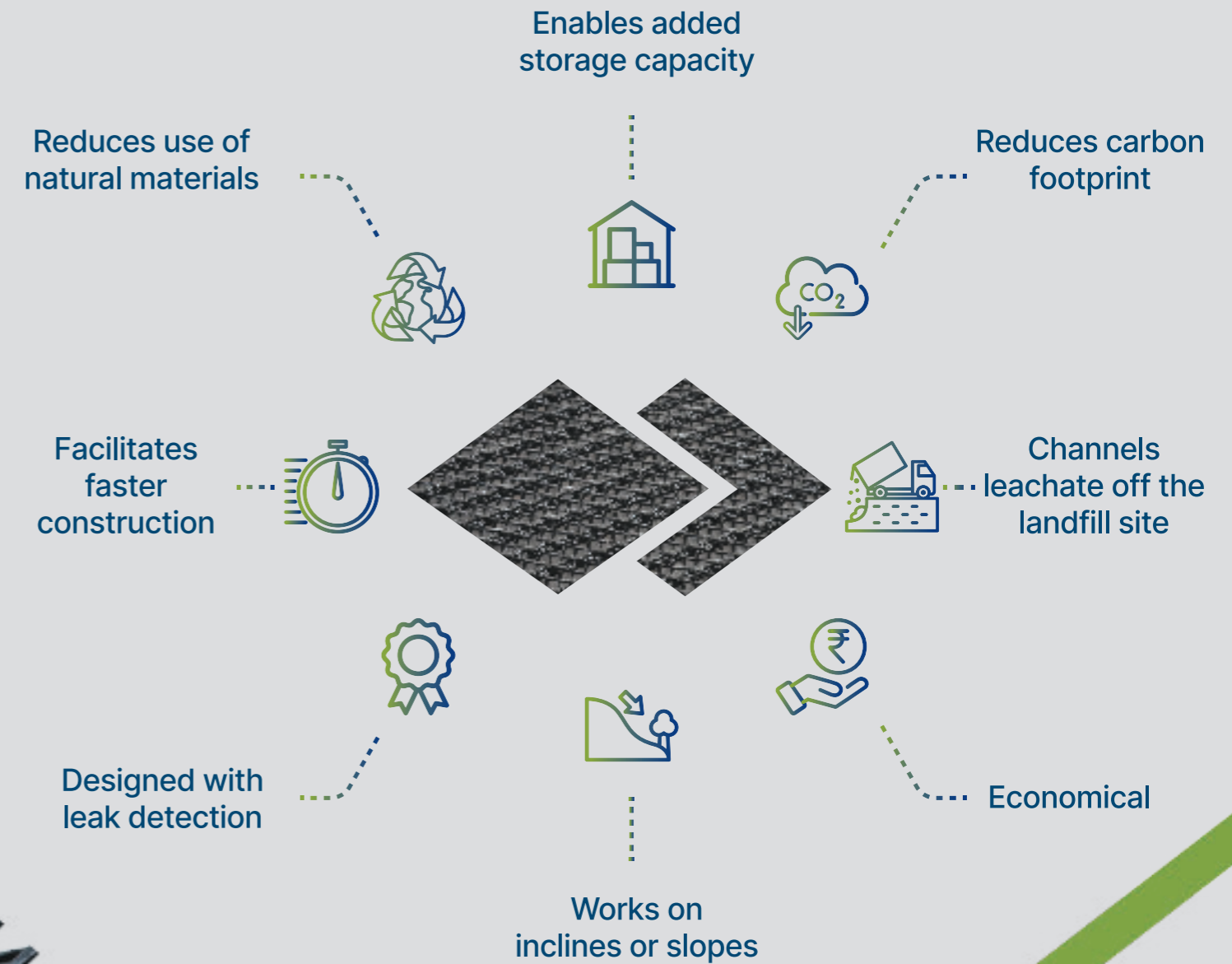
Landfills



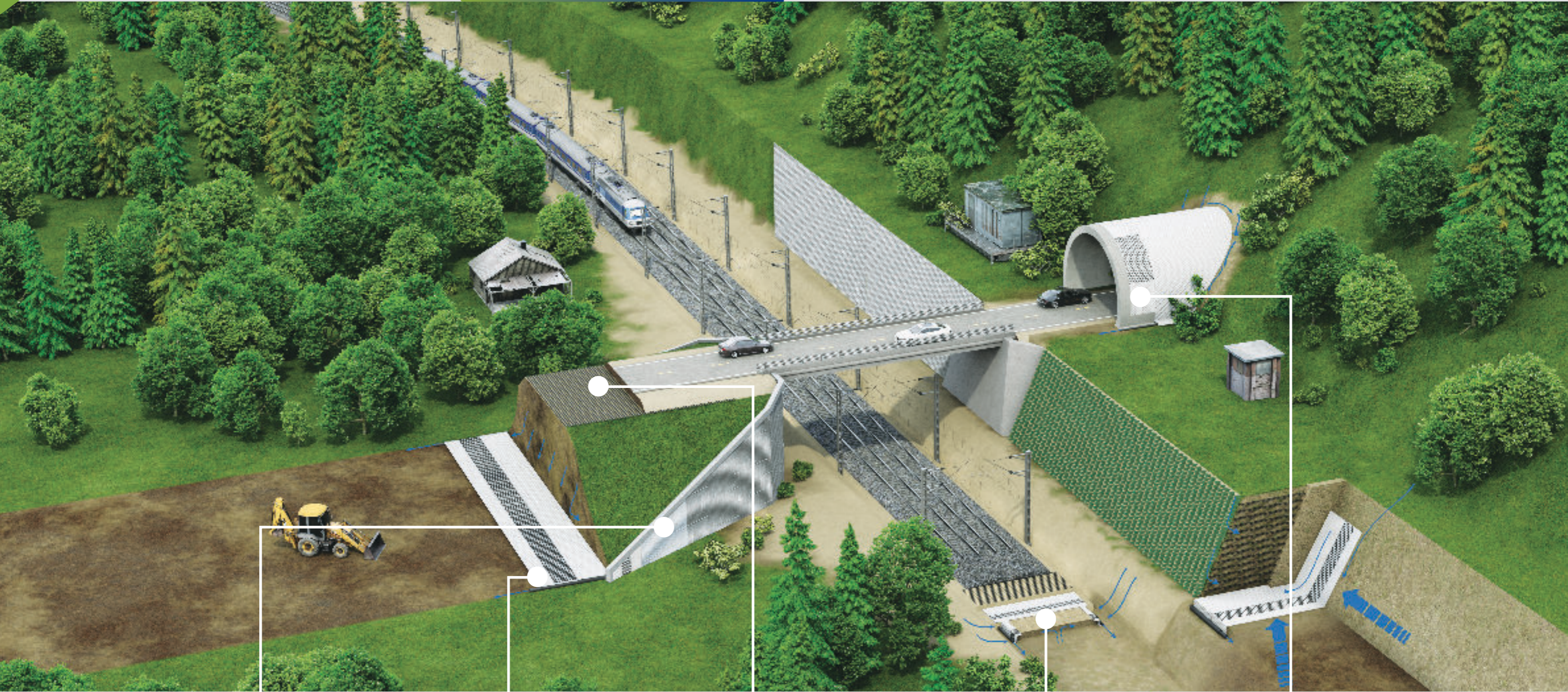
Mining

Benefits of StrataDrain™

Cost-effective, easy-to-install without specially skilled labour and enables swift yet sturdy construction.



Civil Works Drainage Solutions



Vertical StrataDrain™



Horizontal StrataDrain™



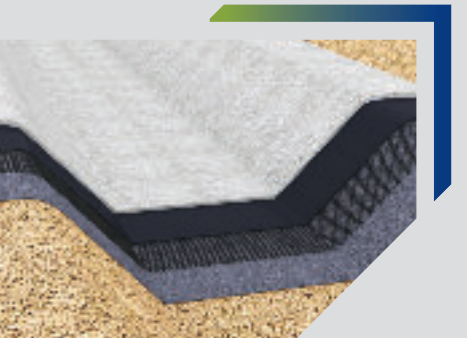
Pavement StrataDrain™



Longitudinal StrataDrain™

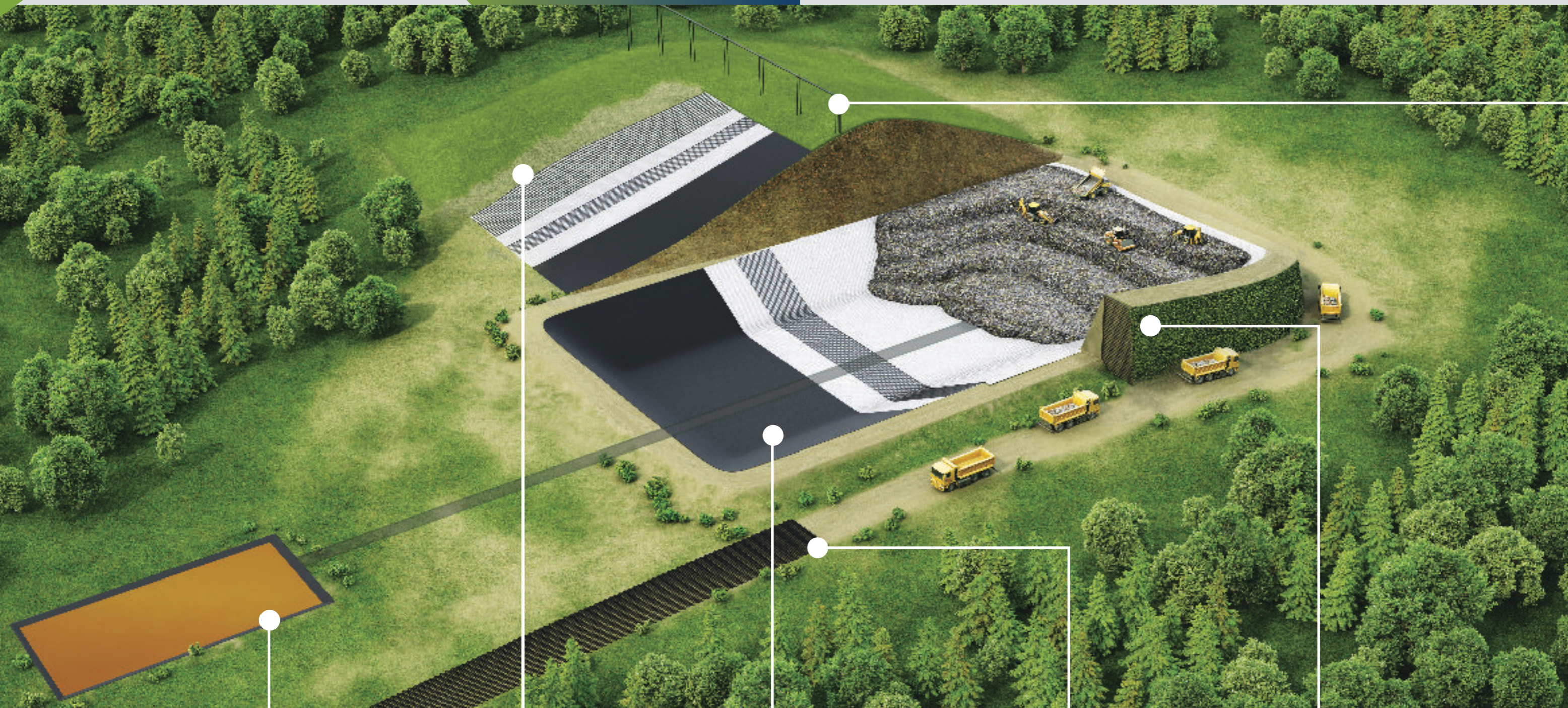


Tunnel StrataDrain™

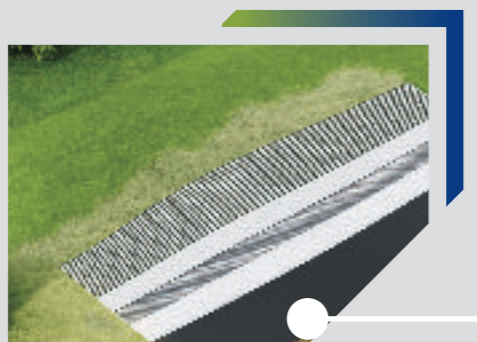


Channel StrataDrain™

Landfill Drainage Solutions for Capping and New Cells



Leachate Collection Pond



Rain Water Collection



Leachate Collection



Access Road using StrataGrid™ and StrataWeb®

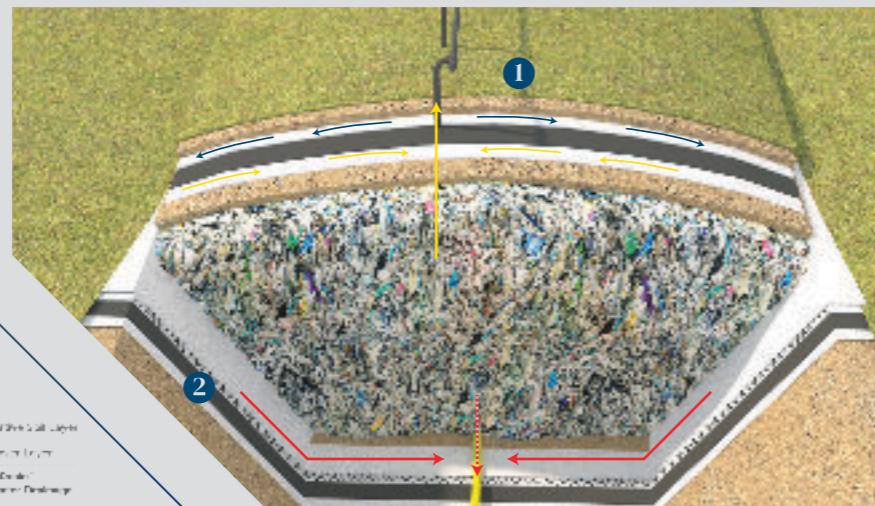


Vertical Expansion using StrataGrid™

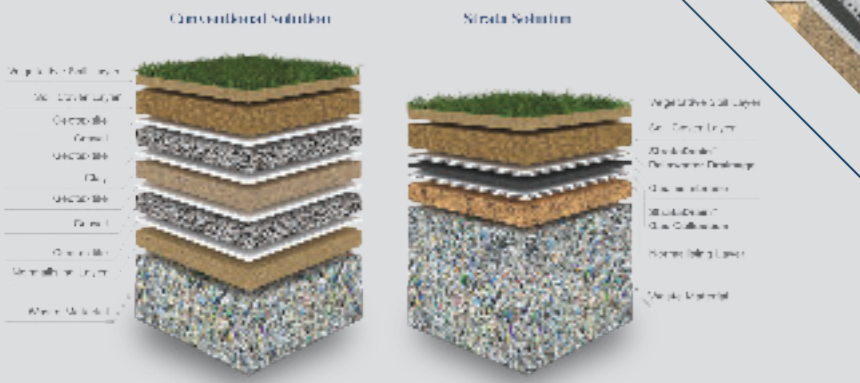


Gas Collection

Existing Cells - Capping

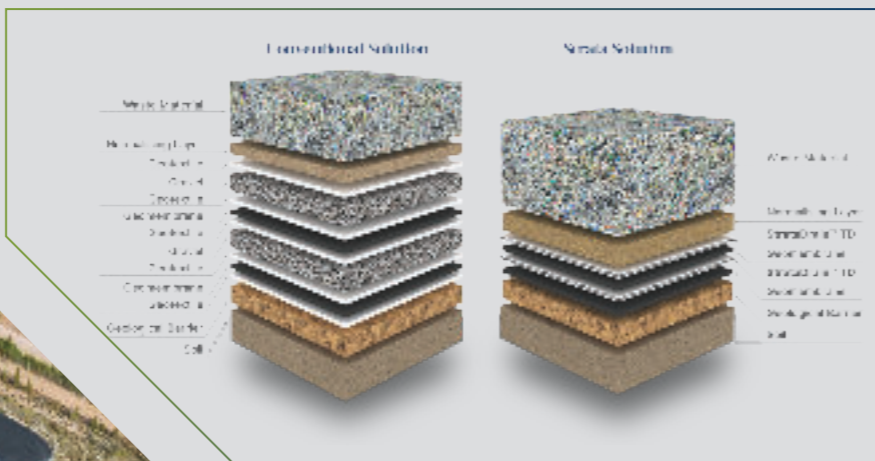


Mining Drainage Solutions



Capping System: Conventional Vs Strata Solution

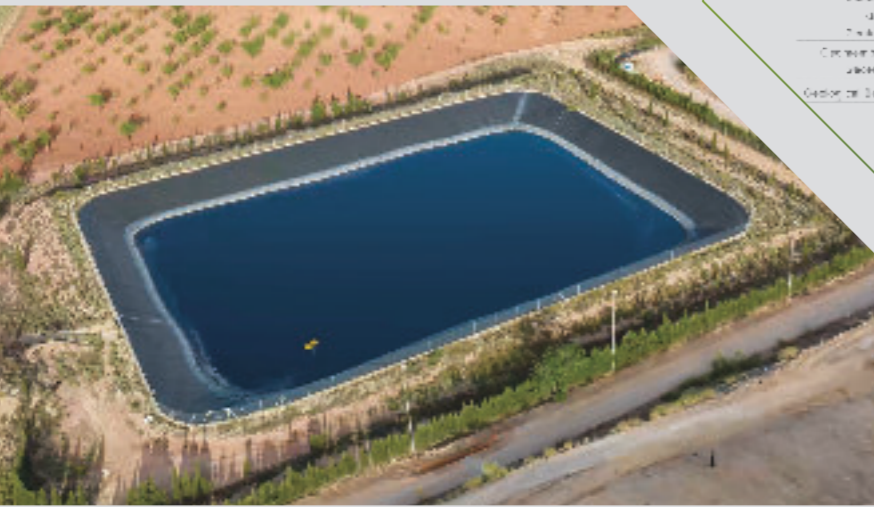
New Cells - Leachate Collection



Leachate Collection and Leak Detection: Conventional Vs Strata Solution



Heap Leach Pads



Strata support services

Professional solutions

Our International Support Services Team addresses the evolving needs of the infrastructure sector. We provide an eco-friendly and cost-effective geotechnical solution.

With a broad spectrum of innovative, high-quality products, precision-engineering, and timely, failsafe installation, surpassing customer expectations has become part of the course at Strata.

Strata's out-of-the-box problem-solving dexterity has pushed the boundaries of what is possible and performed engineering feats as diverse as using our products.

Beyond supplying quality products and designing innovative engineering solutions, Strata also offers fully integrated construction capabilities, and specialized contracting in select global markets.

Design, applications and supply

Strata not only provides geotechnical products, but our team of engineers help you with your turnkey project by supplying you with technical knowledge and support as to how our products can help you finish your projects on time while keeping costs down.

Comprehensive and in depth

To ensure smooth installation of Strata products, our team is available to offer full technical guidelines like site specific method statements, tender proposals and documents, and a wide range of case studies and independent certification documents.

