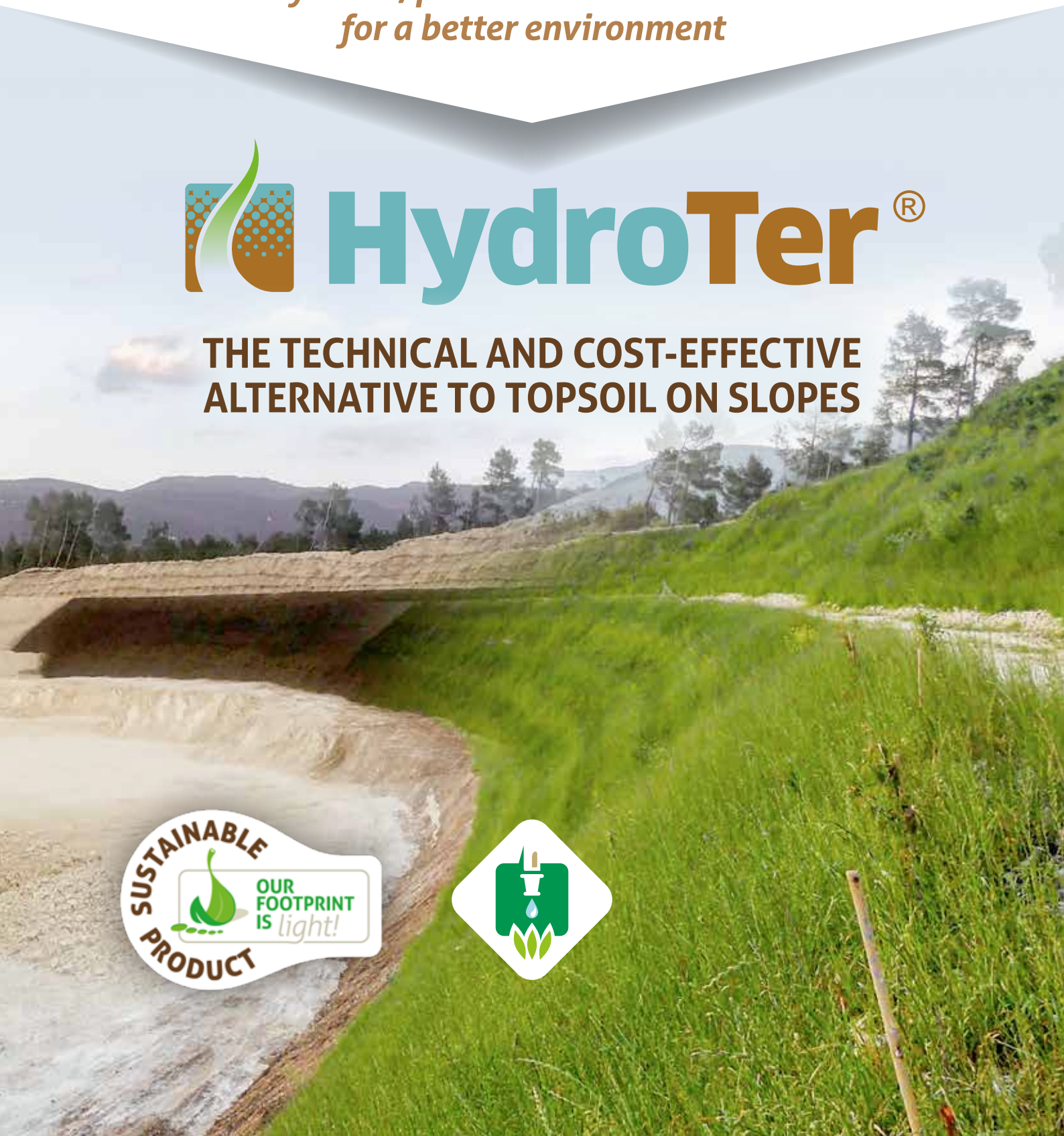
FullService
GREEN SOLUTIONS

Systems, products and know-how
for a better environment

HydroTer®

THE TECHNICAL AND COST-EFFECTIVE ALTERNATIVE TO TOPSOIL ON SLOPES



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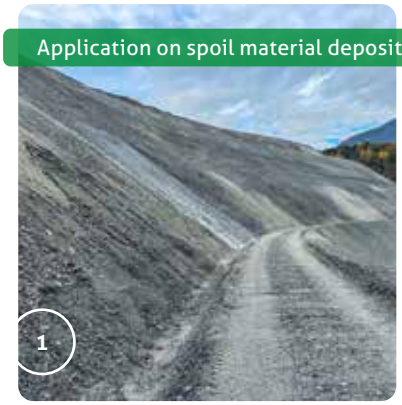
HYDROTER applied on quarry slopes

With over 30 years of experience in erosion control, particularly in hydroseeding and revegetation, Full Service Green Solutions expands its portfolio by introducing HYDROTER, an innovative and cost-effective alternative to soil or topsoil in land restoration and revegetation projects.

HYDROTER is a fully plant-based product composed of wood fibers and a balanced blend of humic substances, amino acids, biostimulants and mycorrhizae, all derived from renewable sources.

THE ADVANTAGES OF HYDROTER

- Enables significant **cost savings and shorter installation times**.
- **Ideal for sites with limited access** for conventional machinery or **where topsoil placement is not feasible**.
- **Suitable for use throughout the year**.
- **Produced from renewable resources** using environmentally sustainable processes.
- **Eliminates or significantly reduces the use of agricultural soil**.
- **Stimulates soil microbiological activity**.
- **Promotes vegetation establishment** and **root system development**.
- **Applicable using hydroseeding equipment**.
- **Eliminates the risk of topsoil layer instability** on compacted soils.


Application on spoil material deposits
1


2


3

Turning poor soil into **vegetation-ready soil**? With **HYDROTER** this can be achieved **sustainably**.

HYDROTER is made exclusively from renewable materials and does not harm the environment. **It is produced sustainably**, avoiding the extraction and relocation of agricultural soil, which remains undisturbed in its natural location.

In nature, sustainable vegetation develops through the long biological process of organic matter decomposition in the soil, which provides plants with the nutrients they need to grow – the so-called "nutrient cycle".

Unfortunately, many erosion control and revegetation efforts fail due to soils lacking organic matter and biological activity.

HYDROTER contains key biological components that trigger vigorous vegetative activity, enabling proper root development and vegetation establishment while **initiating the nutrient cycle required to regenerate depleted soils**.

Use of **HYDROTER**: **application guidelines**

On gently sloped terrain with low erosion potential, **HYDROTER** can be applied alone via hydroseeding in combination with seeds and fertilizers.

Full Service Green Solutions will provide you with full consultancy for product selection.

On steeper slopes or in areas with higher erosion potential, combining **HYDROTER** with our bonded fiber matrix **HYDROMAT MFL** ensures optimal erosion control and extended long-term performance.

HYDROTER REPRESENTS THE BEST AND MOST COST-EFFECTIVE ALTERNATIVE TO TOPSOIL ON THE MARKET.

The application rate depends mainly on the nutrient content and the slope gradient.

ORGANIC MATTER %	SLOPE GRADIENT	HYDROTER APPLICATION RATE
< 5 and ≥ 1,5	≤ 4H:1V	400 g/m²
< 1,5 and ≥ 0,75	> 4H:1V and ≤ 3H:1V	500 g/m²
< 0,75	> 3H:1V and ≤ 2H:1V	600 g/m²


HYDROTER on a forest road cut
1


2


3

HydroTer®

THE TECHNICAL AND COST-EFFECTIVE ALTERNATIVE TO TOPSOIL ON SLOPES

Cost savings and environmental benefits with the use of HYDROTER

As an alternative to soil, **HYDROTER** can deliver substantial cost savings and numerous environmental benefits.

To create a 10 cm thick layer of topsoil covering 1 hectare, approximately 1,000 m³ of soil are required (equivalent to about 65 truckloads), along with a further 4 days of excavation and handling work.

By contrast, 5,000 kg of **HYDROTER*** (equivalent to 500 g/m²) provide the same amount of organic components and nutrients for the soil. Application requires only 10 hydroseeding machines with 6,000-liter tanks and volumetric pumps, and just one working day.

Unlike conventional soil, which must be removed from agricultural areas, all components of **HYDROTER** are of natural origin and derived from renewable resources, specifically designed to optimize vegetation growth and establishment.

HYDROTER is delivered to site in convenient bags and applied via hydroseeding, **avoiding heavy vehicle traffic that would otherwise further damage the environment through high CO_2 emissions and unnecessary congestion of roads and highways.**

*Soil analysis is recommended to determine agronomic requirements. Depending on the test results, the application of fertilizers or pH neutralizers together with HYDROTER may be advisable.

WITH **TOPSOIL**

x65

truckloads of soil per hectare

+4 days of installation

CON **HYDROTER®**

x10

hydroseeding machines with 6,000-liter tanks per hectare

1 working day

FOR PERFECT EROSION CONTROL:

HYDROTER® + HYDROMAT® MFL = BIOVER SYSTEM

FullService

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