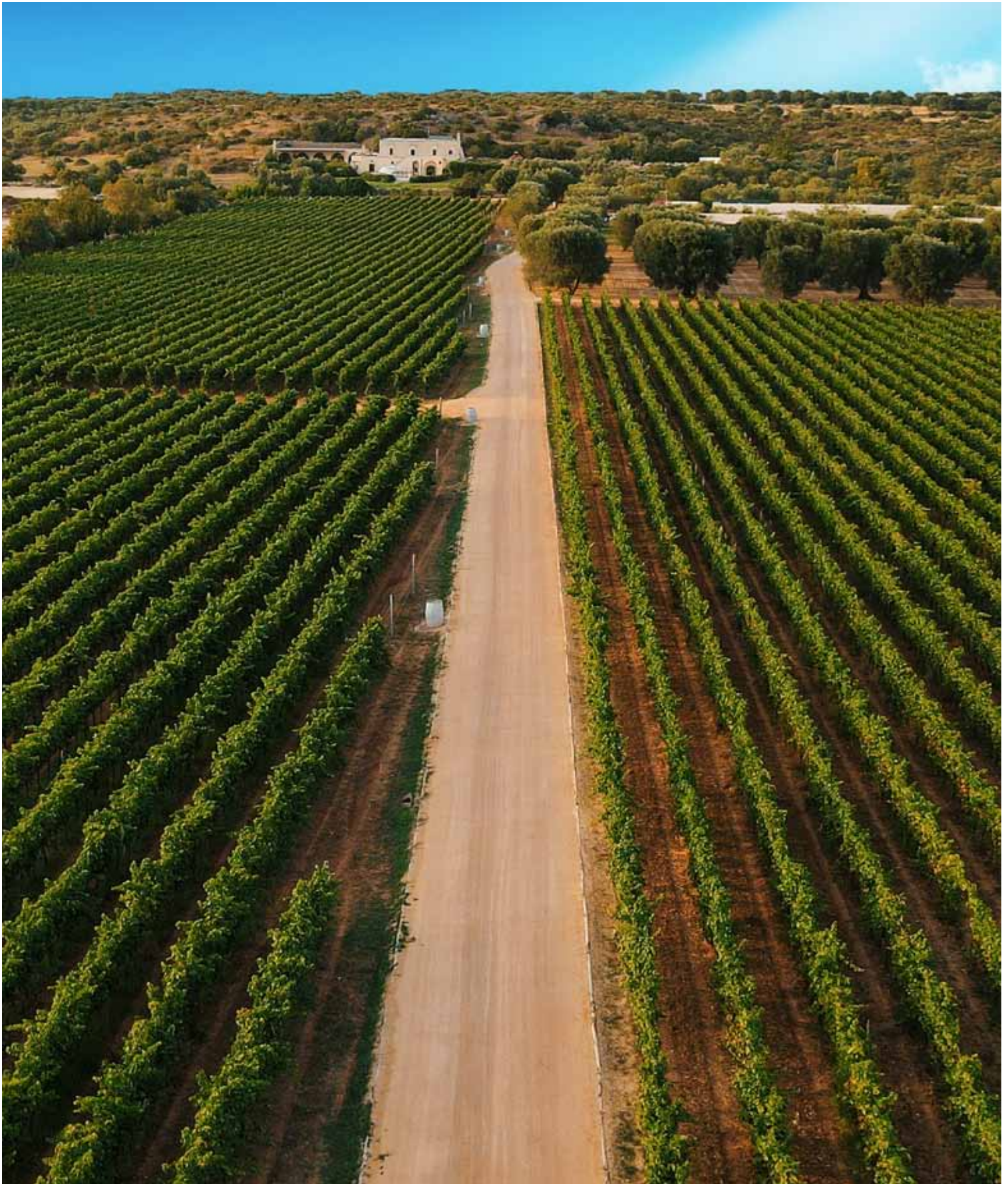

green || WAYS

**ECO FRIENDLY SOLUTIONS
FOR NATURAL PAVING**





"natural beauty"

With 15 years of experience on our side, which we spent side by side with designers and contractors, we are able to offer everything necessary to choose the best solutions for soil stabilization respecting the environment.

GREEN WAYS is a company founded to offer GREEN well-aimed solutions

- in the natural and architectonic eco-friendly pavement-building field, for both pedestrians and vehicular,
- in the dust-control of dusty roads,
- in ice prevention,
- in the deepest respect of nature.

GREEN WAYS eco-friendly solutions can be applied in the following areas using both native and imported materials

- CYCLING
- RURAL ROADS
- SITE TRACKS
- ARCHAEOLOGICAL SITES
- FARMS
- WIND FARMS
- PARKING LOTS
- SUB BASE

GREEN WAYS SOLUTIONS

SOIL CEMENT® ENGINEERED FORMULA

GREEN STAB

ART PAVE®

ENVIROKLEEN®

BIOSOYL® PLUS

ENVIRO® MLT

SOIL-SEMENT ENGINEERED FORMULA 69 PBc EU is a water-based polymer, realised with nano-technology which is part of the family of the SOIL-SEMENT ENGINEERED FORMULA, that has been in the world market since 1975.

SOIL-SEMENT ENGINEERED FORMULA, thanks to its molecular chain, is able to stabilize any kind of aggregate/soil recommended for construction site roads, pedestrian/cycling paths or parking lots in places where it is prohibited to use asphalt or cement-based products, out of respect for the surrounding environment.

SOIL-SEMENT ENGINEERED FORMULA is, in fact, known all around the world as being a non-

dangerous product to both animals and plants. A proof of this is its use in particularly protected sites, such as National Parks, forests, valuable monuments, archaeological sites, gardens, protected areas and rural roads.

SOIL-SEMENT ENGINEERED FORMULA is used to build or restore surfaces subjected to both light and heavy traffic by using natural aggregates, whether they be on site or transported.

SOIL-SEMENT ENGINEERED FORMULA is available in different formulas, suggested based on the specific project's problems, transportation loads and local temperatures. Green Ways is able to offer formulas which are aimed to specific problems.





SOIL SEMENT® ENGINEERED FORMULA

GREEN STAB is a totally eco-friendly, organic stabilizer which has been used in over 100 countries in the past 35 years. It is based on nano-technologies that allow to re-use impoverished soils which are usually not suitable to build roads, railways, airports and reinforced soil both on site and borrowed.

GREEN STAB is known all over the world for being a non-dangerous, eco-friendly (to both animals and plants) product. A proof of this is its use in particularly protected sites such as National Parks, forests, rural roads in farmers and wind-power parks.

Thanks to its qualities it is possible to stop the use of hydraulic binding materials such as cement or lime in soil treatments, providing extremely good loading performances and removing construction sites dusts, benefitting the workers and the surrounding environment.

GREEN STAB action makes it possible to increase a soil's UNI EN 13286-41 CNR B.U. 29/72 resistance to compression and CBR UNI EN 13286-47 in dry and wet conditions, without altering its geological structure, maintaining its natural colour and avoiding it being covered in asphalt or gravel.





GREEN STAB

ART PAVE® is a mono-component eco-friendly binding material destined to the stabilization of natural gravel for the construction or restoration of pedestrian highly draining surfaces.

ART PAVE®, thanks to its molecular chain, is able to tie together any type of gravel, fragment or pebble 2-10 mm in size, avoiding the use of epoxy or polyurethanic resins and cement, respecting the surrounding environment.





ART PAVE®

SOIL STABILIZATION WITH STONES CRUSHER OF NATIVE SOILS



1) Ground Milling



2) Spray stabilizer mixed in water



3) Mixing of Soil treated with stabilizer



4) Shaped surface with motor grader



5) Compaction



6) Top coating with dust control binder

SOIL STABILIZATION WITH PAVER MACHINE



1) Soil mixing with water and binder in a stationary mixing plant or truck mixer



2) Soil mixing with water and binder in a mobile mixing plant



3) Laying of the Soil treated with binder by paver machine and subsequent compaction



4) Top coating with dust control binder

APPLICATION GREEN STAB BY PULVIMIXER



1) Spray stabilizer mixed in water and mixing of the soil



2) Shaped surface with motor grader and subsequent compaction



3) Top coating with dust control binder

ENVIROKLEEN® is a synthetic agent designed to fully eliminate water, which is nowadays a precious resource, in the field of dust control on natural roads in an agricultural environments, construction sites, camping sites, farm houses and non-paved parking lots.

Thanks to its particularly viscous texture, it is suitable for any kind of natural soil, subjected to both heavy and light traffic. It withholds the dust present on the surface as well as any dust formed

because of the wind. ENVIROKLEEN® also increases the treated soil's CBR, granting bearing capacity and long-time resistance.

ENVIROKLEEN®, contrary to water, does not evaporate so it is possible to eliminate dust for several weeks or months with just one application, reducing the costs of daily wetting which is usually made with water. Moreover, ENVIROKLEEN does not erode roads' surfaces, preserving them in time and reducing their maintenance costs.

BENEFITS ENVIROKLEEN®

- EPA-verified safe for people and the environment
- EPA-verified effective for reducing PM10 and PM2.5
- Certified non-corrosive by Boeing
- Creates pavement-like strength; enhanced by traffic
- Can be reworked without reapplication
- Does not evaporate or leach out of the surface
- Performs well at extreme temperatures
- Can be stored at temperatures down to -50° F
- Readily biodegradable in natural environments
- Works with all types of soils and aggregates

SITUATION BEFORE
THE APPLICATION OF ENVIROKLEEN®



SITUATION AFTER
THE APPLICATION OF ENVIROKLEEN®



ENVIROKLEEN® THE RIGHT WAY FOR DUST CONTROL WITHOUT WATER



Suitable for:
construction sites, steel mills, landfills, quarries, mines, tunnels, campsites, farmers, road construction sites, parking lots.

BIOSOYL PLUS® is an anti-dust, resin binding material designed for dust control on unpaved roads.

Thanks to resin's binding qualities, BIOSOYL PLUS® is able to penetrate through the treated road's natural surface, tying the soil's particles together and creating a solid, dust-free layer which is

resistant to heavy traffic and rain.

BIOSOYL PLUS®'s strength allows to increase road surface resistance, making it more stable, avoiding erosion, holes, hollows and dust, all of which would require specialised personnel intervention to restore the surface.

BENEFITS BIOSOYL PLUS®

- Top-ranked, non-corrosive dust suppressant according to recent US Army Corps of Engineers study
- Erosion resistant
- Water resistant
- Keeps natural appearance
- Less repairs and maintenance required
- Won't wash away or be displaced by water
- Non-toxic and environmentally sound
- Holds up to extreme traffic
- Non-flammable, non-combustible
- Easy to apply



Suitable for: construction sites, steel mills, landfills, quarries, mines, tunnels, campsites, farmers, road construction sites, parking lots.



ENVIRO MLT®, is an environmentally friendly non-corrosive anti-ice liquid based on potassium acetate that allows you to eliminate the common salt. The freezing point of ENVIRO MLT® is -58°C .

As an anti-icing agent, ENVIRO MLT® must be sprayed on floors before snow falls or frosts as it

acts as a barrier between the treated surface and snow, avoiding the formation of ice.

This allows for easier mechanical or manual snow removal, preventing the snowpack from sticking to the surface. The standard application quantity is 1 liter of product per 50 square meters.

MAIN BENEFITS OF ENVIRO MLT®

- is totally eco-friendly
- does not corrode concrete, road barriers or cars
- does not pollute the water table
- does not damage the vegetation
- ENVIRO MLT® has a freezing point much higher than the salt and greater resistance over time•
- being liquid it is easier to apply ensuring homogeneous coverage of the surface and avoiding waste
- snow removal is much easier and effective as, thanks to ENVIRO MLT®, no snow will form.

ENVIRO MLT® is also an effective de-icer in this case the product should be applied on the frozen surface where the preventive application has not been intervened in time.

ENVIRO MLT® penetrates the ice layer by melting it and allowing for easier mechanical removal. The quantity of product per square meter. to be applied as a de-icer depends on the thickness of the ice formed.



Suitable for:

squares, sidewalks, stairs, canopies, courtyards, parking lots, terraces, gardens and parks.



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