

ARTIFICIAL
GRASS

MICROPLASTICS

ECOLOGIC ARTIFICIAL TURF

RECYCLING

DEVELOPMENTS

QUESTIONS





A POWERFUL EXPERIENCE

Our
Company

Where are
we situated

Mission
& vision

Key
Values

In-house
Manufacturing

About
Us

sports & leisure GROUP



B to B
Artificial grass for
sports applications.

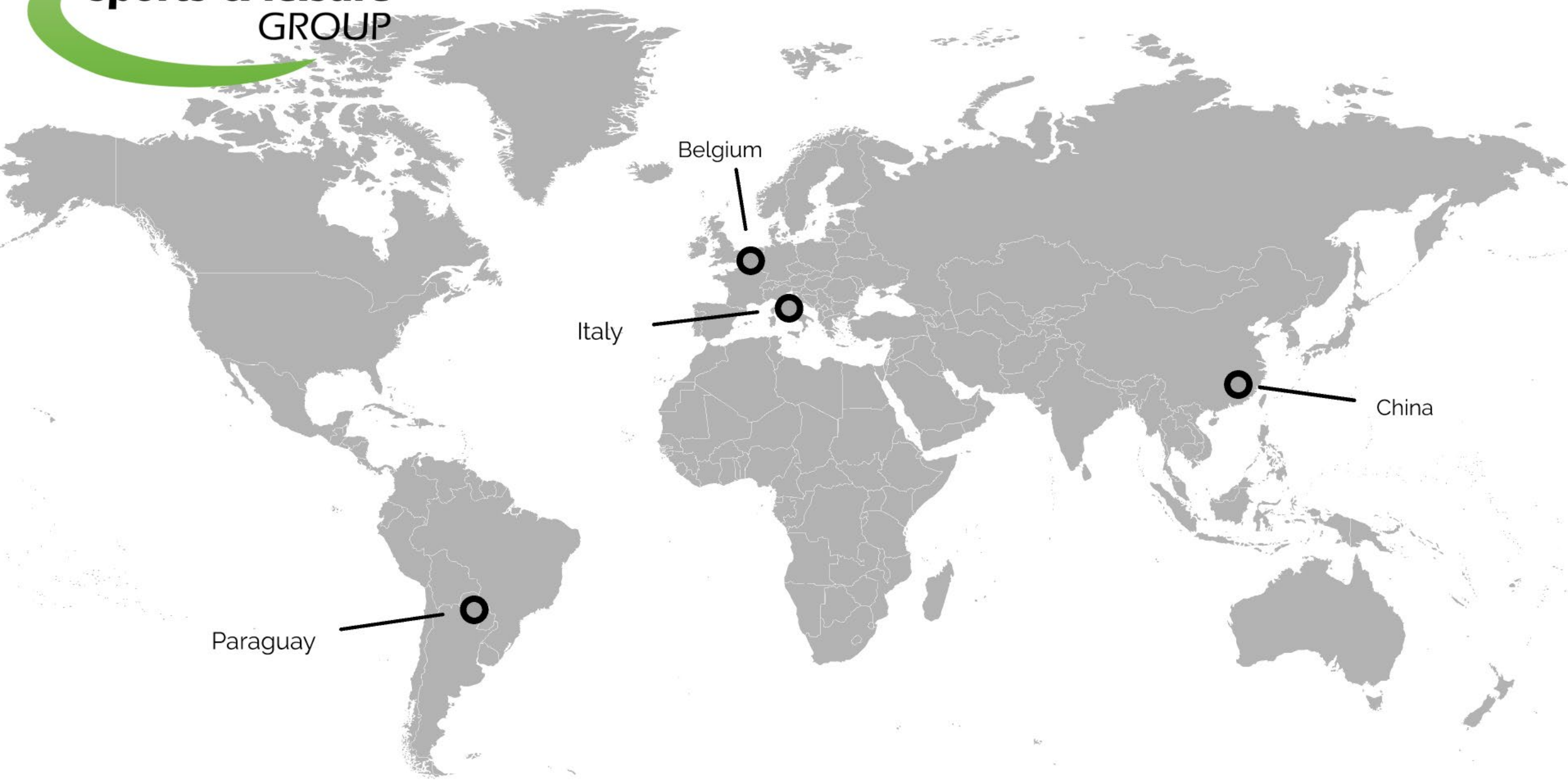


B to B
Artificial grass for
leisure applications.



B to C
Artificial grass for
leisure applications.

sports & leisure
GROUP



Belgium

Italy

China

Paraguay

Mission & Vision



Mission

Domo Sports Grass creates long-lasting and profitable partnerships through an outstanding service and network.

Vision

Domo Sports Grass aspires to create the perfect playing surface for sports people everywhere. This with regard to playing characteristics, durability and ecological footprint.



Customer
service



Efficiency



Integrity



Innovation

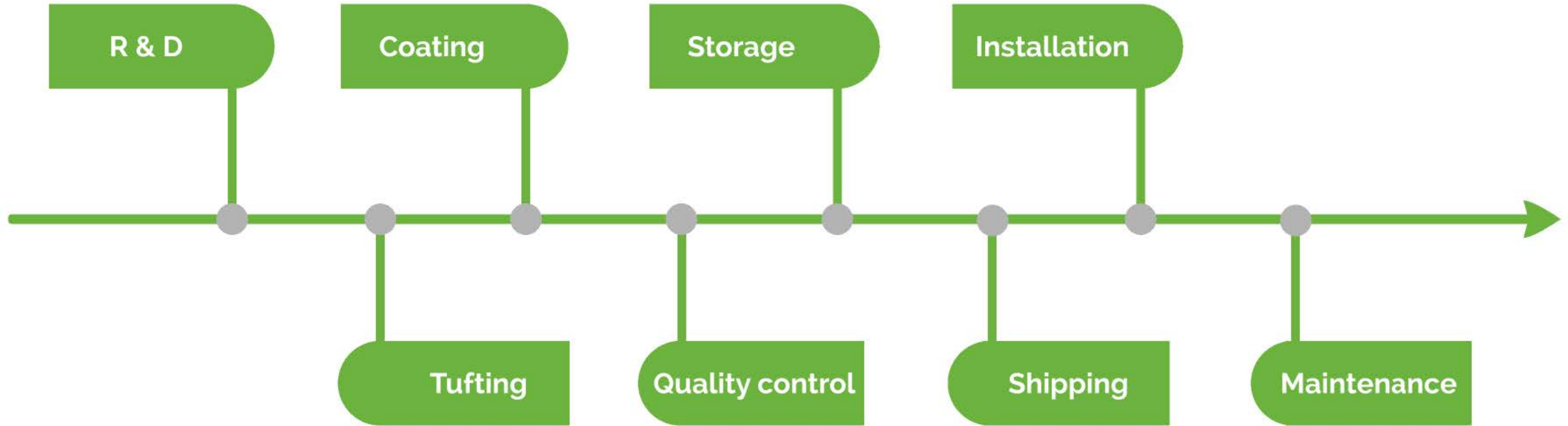


Economical

Key Values



In-house manufacturing



About us

100+ Million M²

We have installed over 100 million square metres of artificial turf in all corners of the world.



84 countries

We have been installing in different locations across the globe.

200+ Employees

We are employing more than 200 people.



30 years

We have been developing pioneering innovations for more than 30 years.

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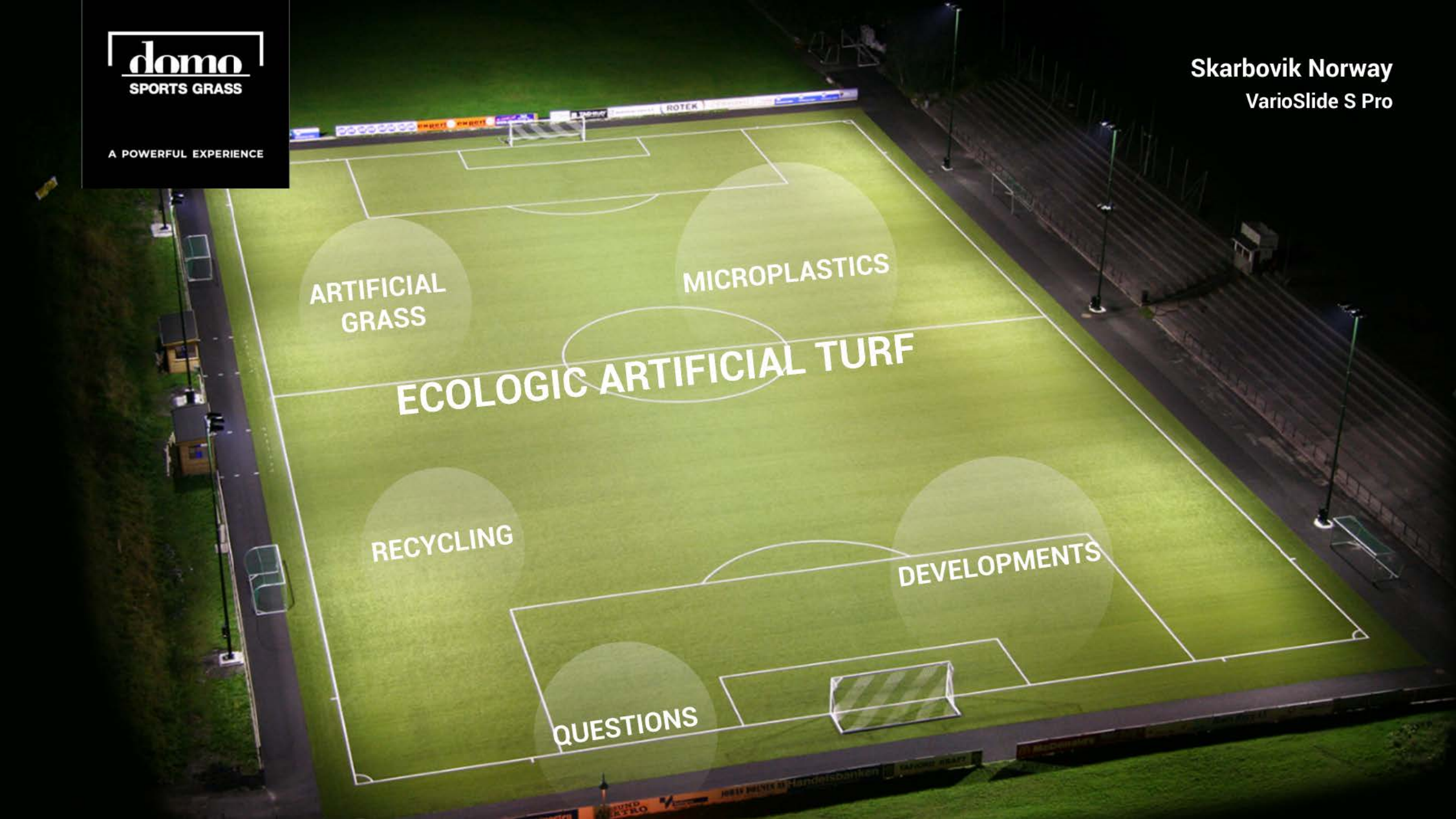
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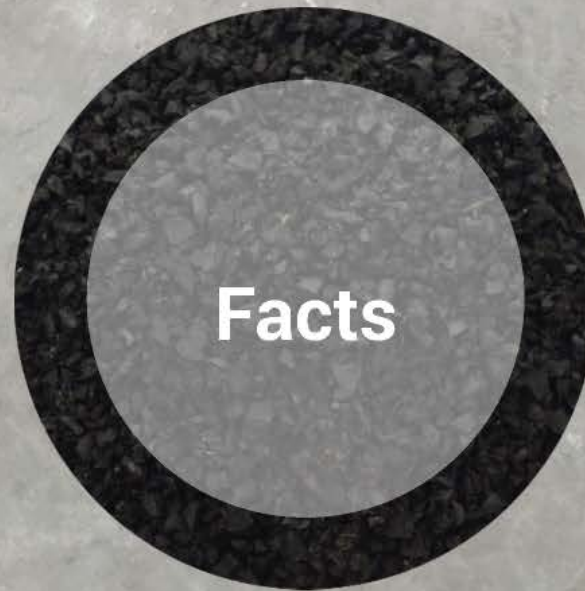
DEVELOPMENTS

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Microplastics

The European Commission asked the ECHA to study the prohibition of microplastics in artificial turf fields starting in 2021.



What are Microplastics?

- * Microplastics are small, solid particles ($1\mu\text{m}$ – 5mm) made of synthetic polymer.
- * They are associated with long-term persistence in the environment, if released, as they are very resistant to biodegradation.
- * Synthetic infill are covered by microplastics.
- * Synthetic infill not limited to SBR (recycled tires rubber) – EPDM-TPE – PE but also bioplastics which are not biodegradable (presence of additives like pigments/ lubricants/ plasticizers etc...).

VarioSlide S Pro

Generic 3G field



Facts

- ▶ **Based on a Swedish examination, where they analysed some artificial turf fields in Norway, they found out that +/- 3000 tons rubber disappears into the environment stated that 50% of the additional infill/year.**

Solutions



**Reduce Infill
migration**

**natural
infill**

**Non-infill
systems**

Reduce the amount of synthetic rubber infill in the environment

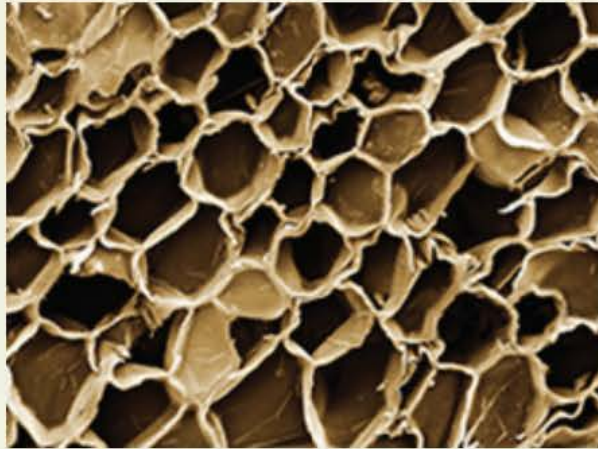


- Installation of systems with shockpad (less weight=less waste)
- Installing of boarding around the pitch
- Use of walk on/off mats
- Controlled maintenance (maintenance handbook)
- Brushing and wiping the shoes and socks
- Filters on drainagesystem

Use of natural infill materials



Domo® Naturafill infill is “pure nature” with no additives. The cultivation and processing of the 100% cork is also carried out in perfect harmony with nature from start to finish.



Cork is a totally organic substance that comes from the cork oak tree. When the harvested oak begins to regenerate its cork, the tree will absorb up to 10 times as much CO₂ from the atmosphere, which is good for the environment.



Non-infill systems



**No FIFA approved systems
due to skin abrasion test**



Response of players :

- too hard
- too slippery
- skin burns
- unstable surface
- flattening of the pile



Good for community use

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SPORTS GRASS

A POWERFUL EXPERIENCE

RECYCLING PLAN



Old turf

Domo Sports Grass
Production

Recycling

New turf

GBN

GBN

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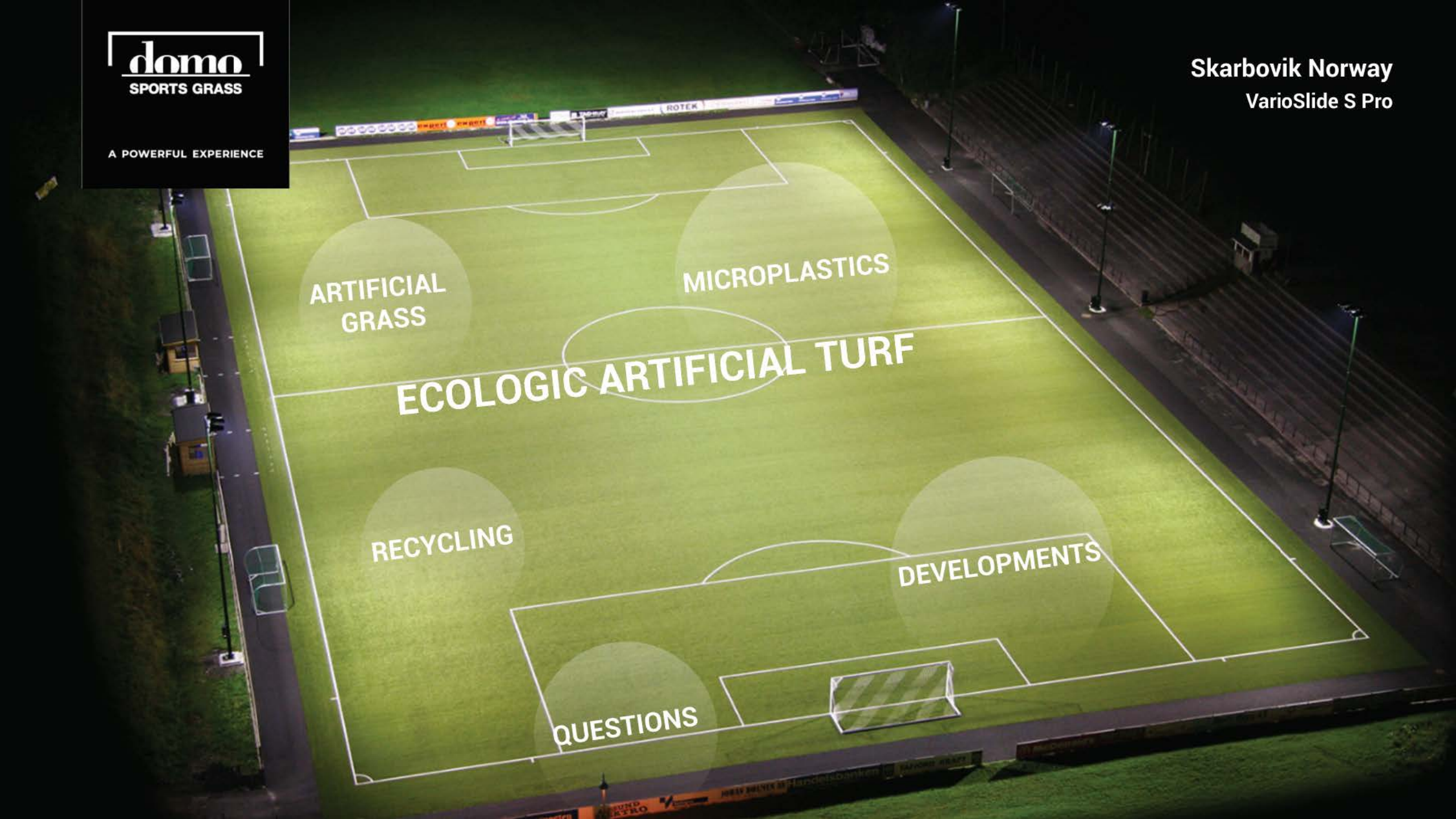
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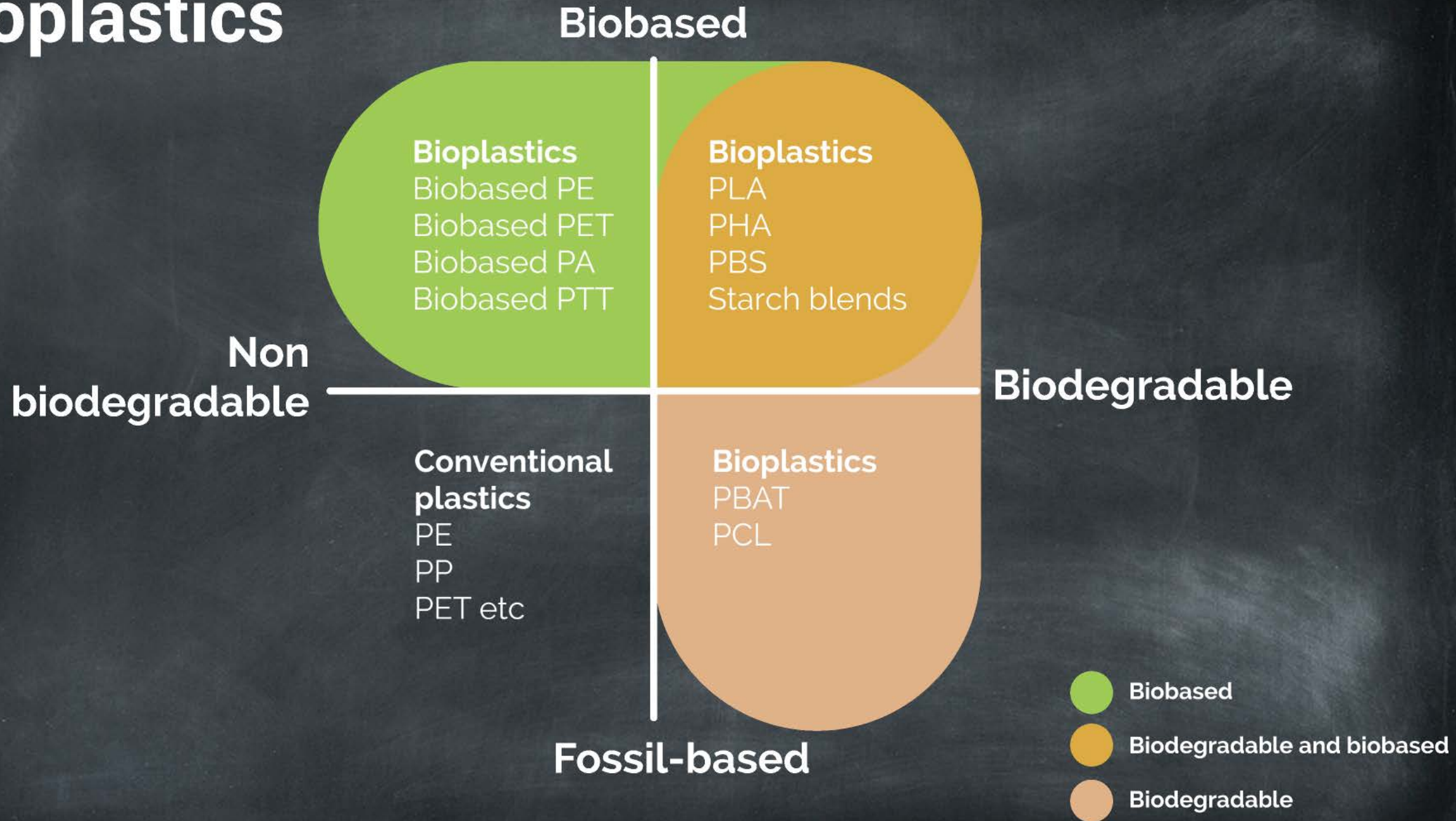
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Bioplastics



● Biomaxx sportsturf

Development of a 100% bio compostable turf inspired by nature



Yarn: PLA Compound

Tuftcloth: PLA Compound

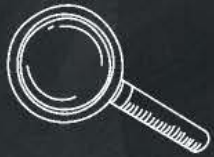
Coating: Modified Potato Starch



GREEN TURF TEC SYSTEM

What is Green Turf TEC System ?

The turf has a special yarn structure with the build in of a nano ceramic structured photocatalytic mesh.



**Pollution in
the air**



**How it
works?**



Benefits

Pollution in the air

- According to WHO there are 4,2 million death's/year caused by air pollution.
- Pollution in the air: NO_x/Sox/VOC's particles PM_{2,5}/PM₁₀, O₃,CO.
- NO_x is an indirect greenhouse gas coming from cars,trucks,burning of fuel and is a key ingredient in acid rain and smog.
- NO_x can irritate airways leading to respiratory symptoms, contribute to the development of asthma.

Benefits

- Offers a cleaner and healthier air for the players and the environment.
- Antipollution reduction of NO_x/Sox/VOC etc...
- Super hydrophilic properties to facilitate the extraction of the dirt and create antistatic properties.
- Antibacterial activity continuous elimination of bacteria/fungi/molds.
- Reduction of odors.

A full size Green Turf Tec field reverses the NO_x emissions from over 1.500 cars



We turn football fields into forests



A POWERFUL EXPERIENCE

Skarbovik Norway
VarioSlide S Pro

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Questions?

The greenest turf on earth.

Thank you for your attention.

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SPORTS GRASS



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