

מקוורט ™



23 / 7 / 360 / 9000

Artificial turf

Tennis courts

Tennis Stadium

Hybrid grass

Spectator seatings

Padel courts

Kristianstad Arena

Track & field courts

4 sport floors -
Telescop seatings

One-Stop-Shop

Artificial turf

Kristianstad Arenaområde

Saltex BioFill™

The granulate is industrially processed and certified as 100% biodegradable and organic, which does not harm nature, water, animals or ourselves.



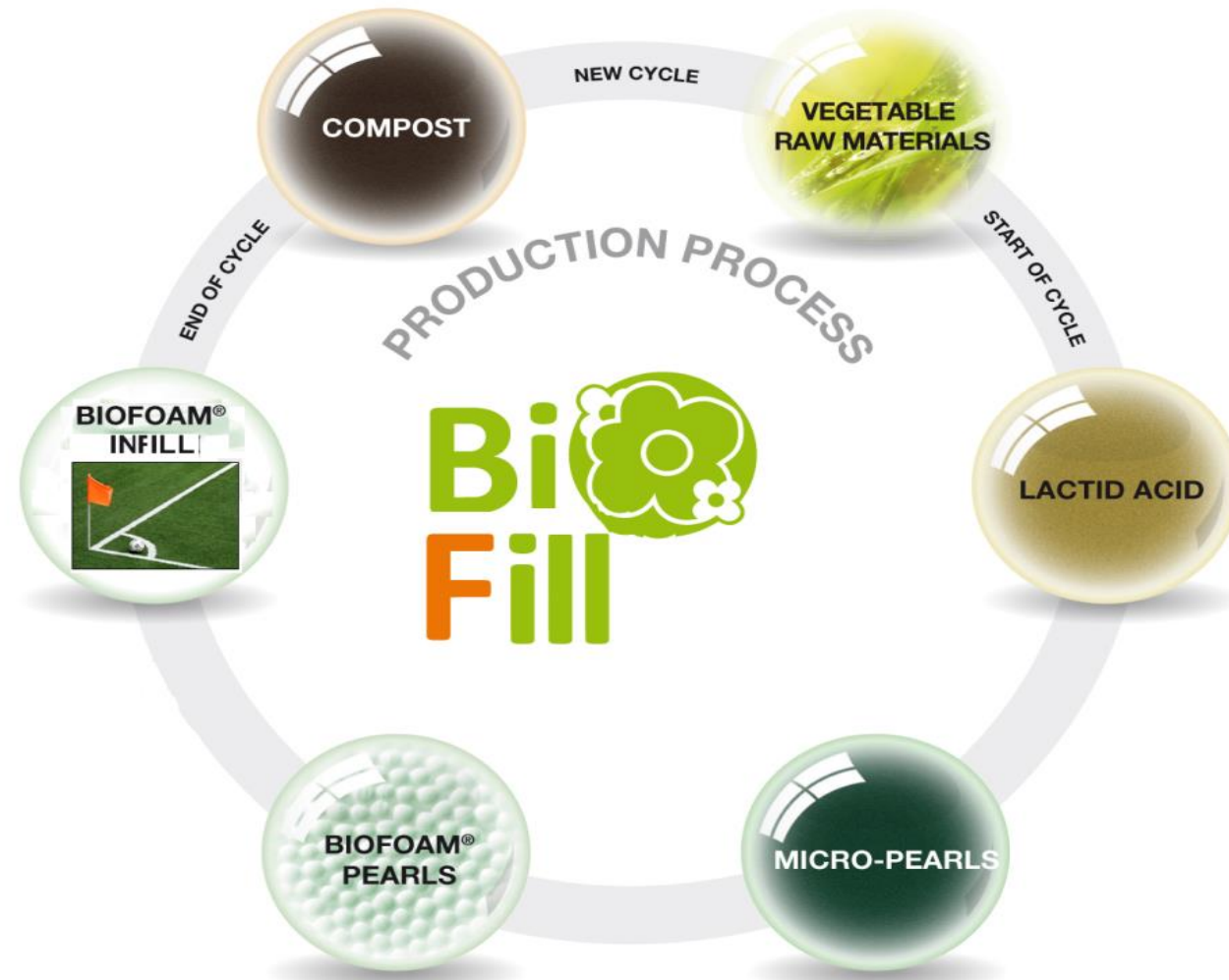
Saltex BioFill

Development goals

- ✓ Fit for purpose -> we are developing FootballTurf (meet FIFA2015 requirements) for Nordic weather conditions
- ✓ Sustainable -> should meet and exceed market requirements
- ✓ Player safety -> we want to make people move on safe sport infrastructure

Based on these criteria we decided to focus on developing a Biobased/ Biodegradable infill produced in a controlled environment.

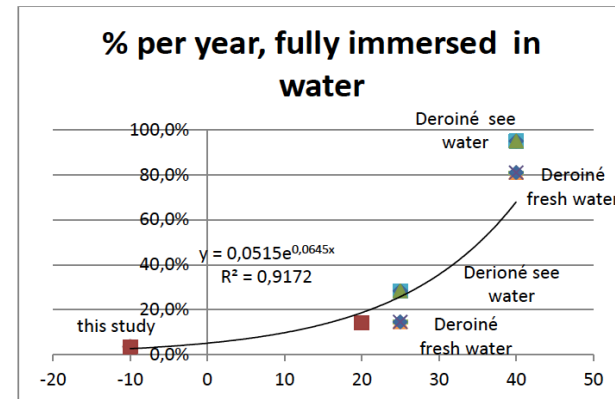
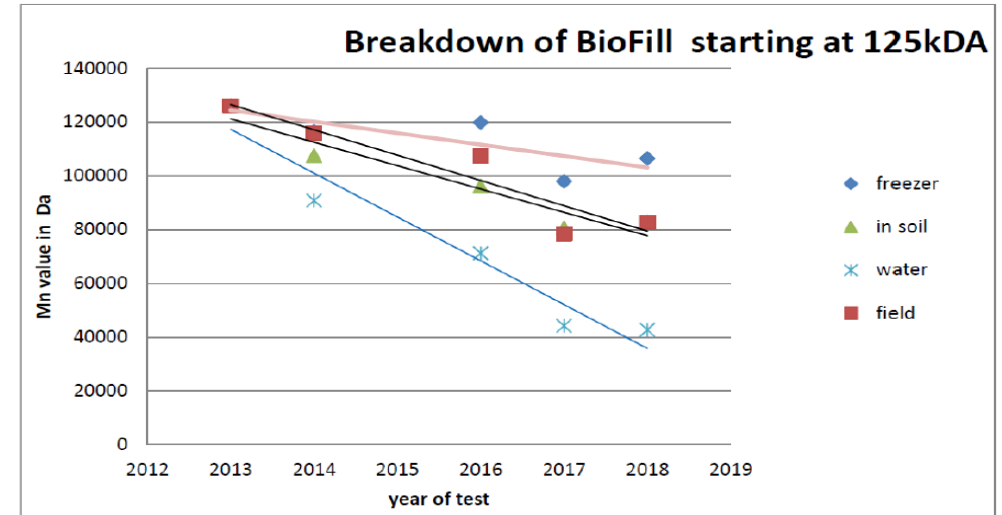
Saltex BioFill



Saltex BioFill

- ✓ BioFill is entirely made of PLA
- ✓ As BioFill is Biodegradable it doesn't fall under the proposed REACH restriction.
- ✓ Based on research we can predict how BioFill will degrade by composting, but also when accidentally spilled in the environment.
- ✓ By choosing another starting point, the life time of BioFill can be set with a predictable lifetime.

When BioFill is accidentally spilled in the water, which is never the intention it will undergo a breakdown, which depends on the actual temperature.



Temperature of water	time in years to reach 30kDa
40	0,9
30	2,0
25	3,2
20	4,7
15	6,7
10	9,0
5	11,7
0	14,8

Saltex BioFill™

- ✓ Certified Biobased
ASTM D 6866:2008 (Edition 2011-10)
- ✓ Certified Biodegradable
EN13432 (2000), ASTM D 6400-04 & ISO 17088 (2008)
- ✓ Certified Composable
EN13432 (2000), ASTM D 6400-04 & ISO 17088 (2008)
- ✓ Meets REACH
- ✓ No dust (compared to existing infills)
- ✓ No smell
- ✓ Based on non-GMO renewable Feedstock
- ✓ Carbon neutral
- ✓ Food approved by Triskelion (TNO)
- ✓ End of life options



UNISPORT

Saltex Legacy™



Artificial turf
Saltex Legacy™

Infill granulate
Saltex BioFill™

Backing
PU PowerBacking™

Shock pad
Saltex PowerPlay™



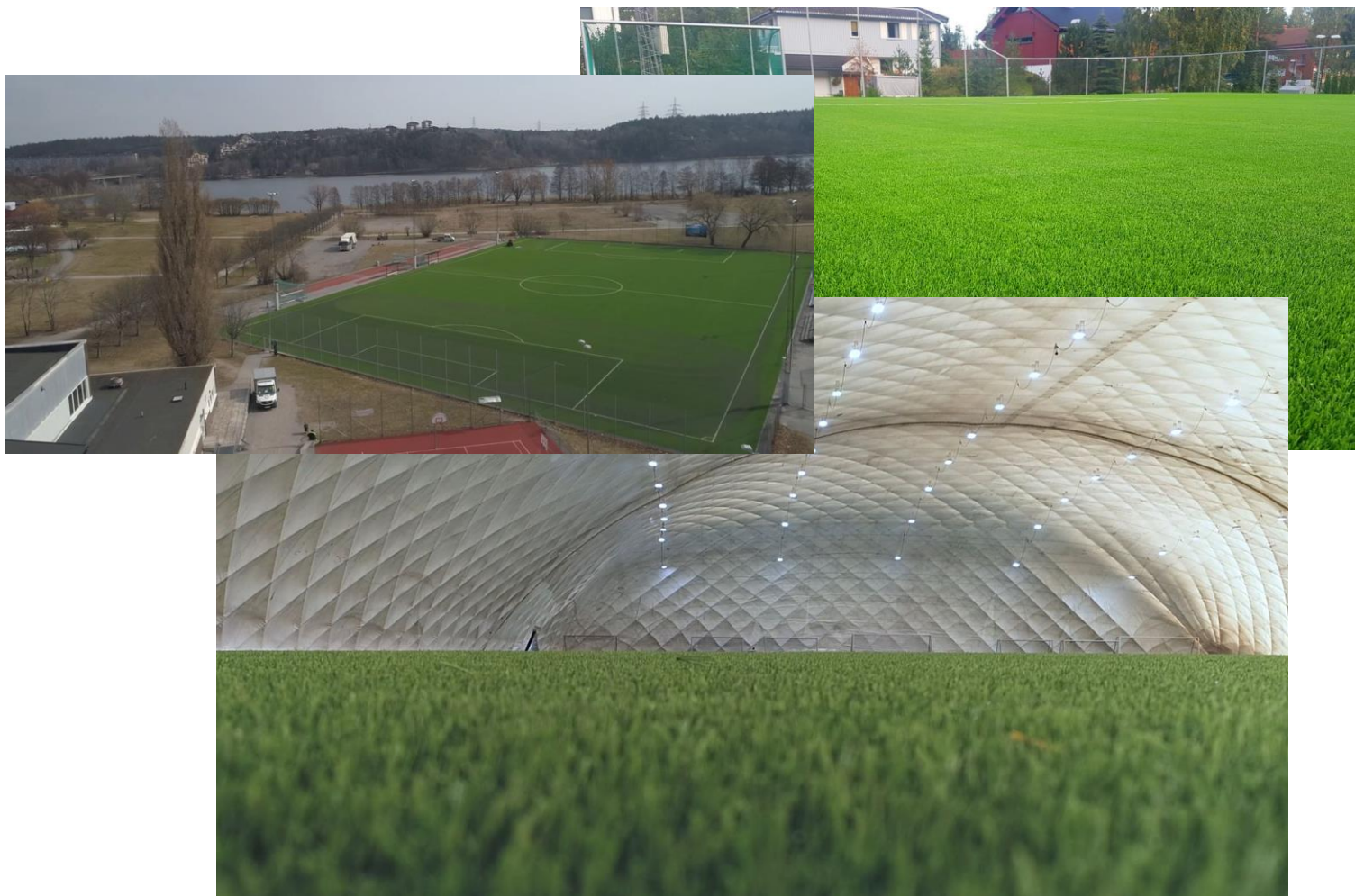
Saltex Legacy™
is approved by FIFA



Saltex Legacy™

References

- Norway
- Sweden
- Finland
- Denmark
- The Netherlands



Saltex Legacy™
is approved by FIFA



Thank you!