



## SUSTAINABILITY CASE STUDIES

### Hockey5s Lausanne on non-watered turf



# Hockey5s Lausanne on non-watered turf

## Objectives

1. To develop a new artificial turf for elite hockey that does not require watering so that in the future all major international competitions do not required a watered pitch
2. To test a new prototype of dry turf in an international competition
3. To learn from feedback from players, coaches and officials to improve the dry surface for the future



## Description

International hockey currently requires 10,000+ litres of water to be sprayed onto an artificial turf in order for the players to be able to perform at their best. This is obviously not sustainable so the FIH has engaged with the artificial turf industry, and in particular with global partner Polytan, to develop new surfaces that can perform as well as watered turf without the need for any water to be added. This will save money as well as water, with expensive irrigation systems no longer needed.

The Lausanne Hockey5s event was the first time a non-watered turf was used in international competition, and the feedback gained from teams and coaches will be invaluable to further improve the surface for future development

<https://www.fih.hockey/events/hockey5s-lausanne-2022>

## Results

- The new prototype performed better than any existing turf but there is still improvement to be made
- Based on player feedback it is clear hat areas need to be improved and Polytan, together with other members of the industry are now working hard to do this

