

▶ A LONGER LIFE FOR ARTIFICIAL TURF

IMPLEMENTATION OF AN ECO EFFICIENT AND COST EFFECTIVE EXTENDED LIFECYCLE MANAGEMENT SERVICE FOR ARTIFICIAL TURF BASED ON IMPROVED MAINTENANCE OPERATIONS AND WASTE REVALUE – ECOTURF

THE SITUATION AS IT STANDS

Artificial turf is growing in Europe and represents an important market in the USA. The loss of properties due to wear and tear can be speeded up through inadequate upkeep and, more problematic once removed, the turf is often sent to landfill sites.

By performing specific maintenance operations on surface structure, the service life of the turf can be extended by 20% and when the product does have to be removed, it can be recycled. At the moment, how to preserve artificial turf is not widely known and the costs incurred in standard recycling techniques are very high.

WHAT THE PROJECT AIMS TO ACHIEVE

Under the ECOTURF project current laboratory separation techniques will be adapted to be performed in situ by portable maintenance equipment and waste will be revalued. A service will establish an informative, web-based application to instruct maintenance managers on how to preserve their turf.

Benefits from this innovative approach will include a reuse of the rubber and sand infill, an 80% reduction in the amount of total waste currently sent to landfill, a recycling of the carpet materials and a saving of 1000 litres of fossil fuel per pitch.



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