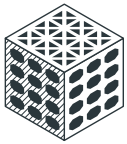




STORMWATER INFILTRATION AT THE BUDAPEST ZOO



Budapest, Hungary, 2012



stormwater management



Sade Ltd.



ENREGIS X-boxes for infiltration

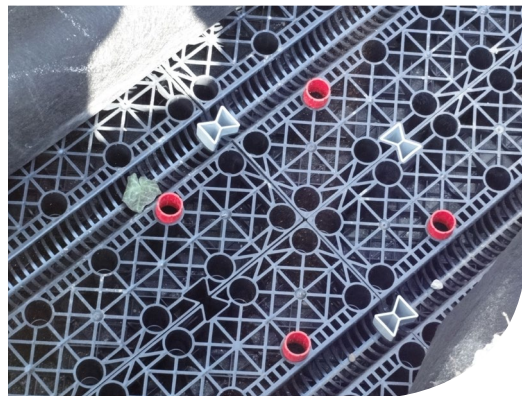


zoo and botanical garden



333 m³

In this area, every year, approx. 2,500 m³ rainwater is collected from sidewalks, roads and buildings and it is directed into the public sewer. The covered positioning (forming subsurface cavities) of the dewatering units has the advantage of restricting evaporation danger. Furthermore, water will drain primary versus the soil's lower layers, while irrigation systems are rather suitable for wetting shoal topsoil. Thanks to this solution, water gets directly to the root area of the vegetation. As a positive side-effect of the direct infiltration, the Budapest Zoo decreases environmental loading, reducing significantly the quantity of water conducted into public sewer.



*stormwater retention / direct infiltration
/ easy-to-install solution from Pureco*