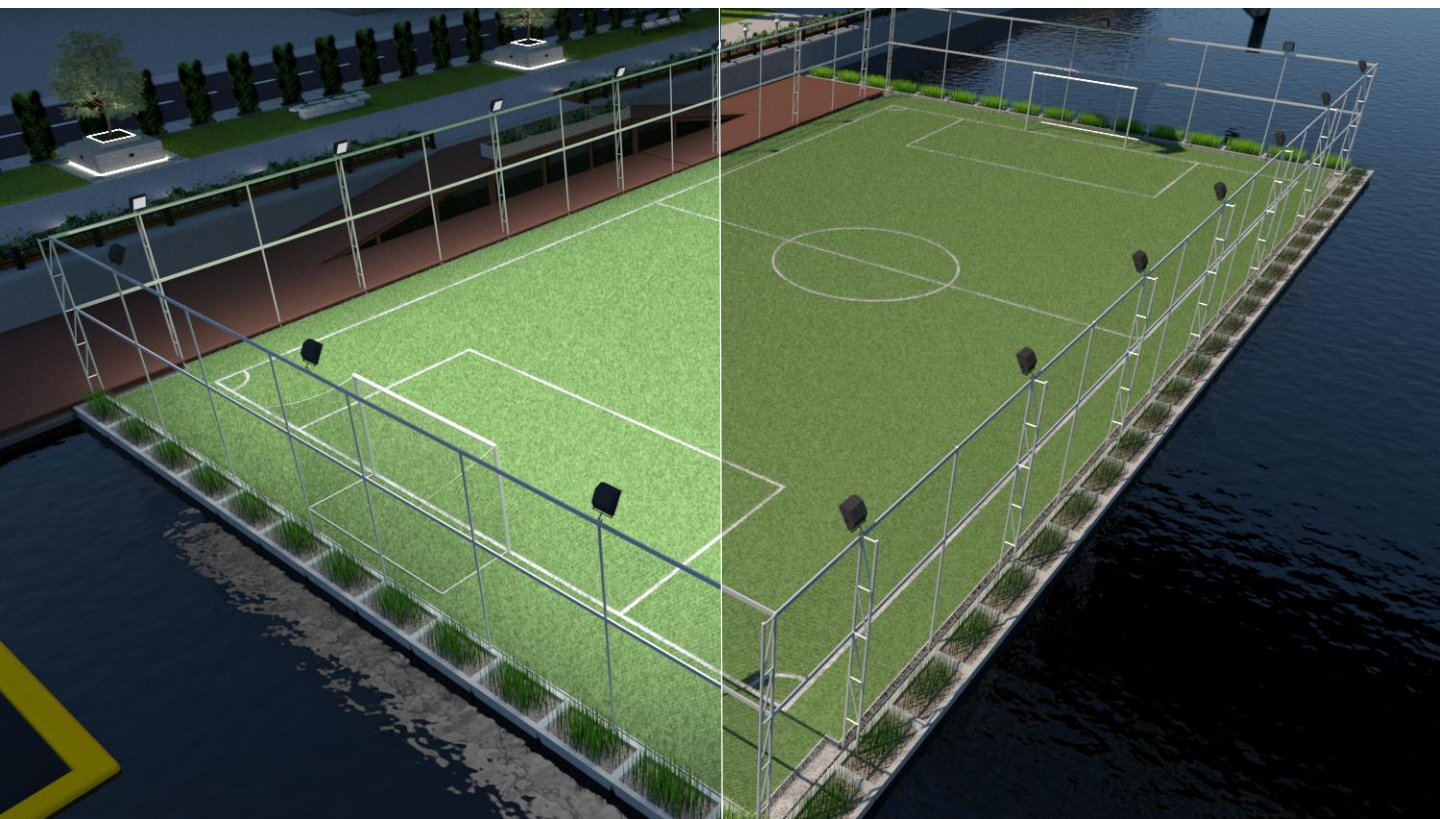




THE DESIGN OF OUR TYNE

By SEL Environmental Ltd





Modular Green Zone

As part of a challenge set out by the Environment Agency, SEL Environmental created a 3D visualisation of what the Newcastle Quayside could look like. By incorporating cutting edge green infrastructure technologies such as living walls, SuDS enabled tree pits and planters, SEL produced an achievable visualisation of a greener Quayside with greater amenity value.

The products included in the design are all fully water managed, modular and can be installed on a temporary or permanent basis. These characteristics allow the configuration to be installed on a small scale initially that can be easily expanded and with absolutely no excavation or ground disturbance. To attract more tourism and foot traffic, SEL have incorporated a novel floating multi-use games area... a standout attraction with unique amenity value. With sustainability being the key driver, SEL introduced numerous renewable energy devices such as wind turbines and solar panels, that can be used to power outdoor plug sockets and evening lighting, to create an amenity value after dark.



Café/Bar Area



Intermittent living wall, allowing free movement in and out of the green zone whilst simultaneously providing a degree of privacy and reducing noise, light and air pollution.

Renewable energy devices such as wind turbines and solar panels, powering plug sockets and LED lighting in the evening.



Modular prefabricated SuDS enabled tree pits, partially submerged to reduce excavation and disturbance. Complete with the ability to capture, attenuate and treat road runoff, which can be used to irrigate surrounding greenery, or can be discharged at a controlled rate. Finishing touches include integrated seating, plug sockets and LED lightings.

Modular prefabricated water managed planters. With integrated passive irrigation, these planters are proven to sustain an established wetland habitat in hostile environments, which helps to develop biodiversity within the green zone.



Floating Multi-Use Games Area



Renewable Energy Devices

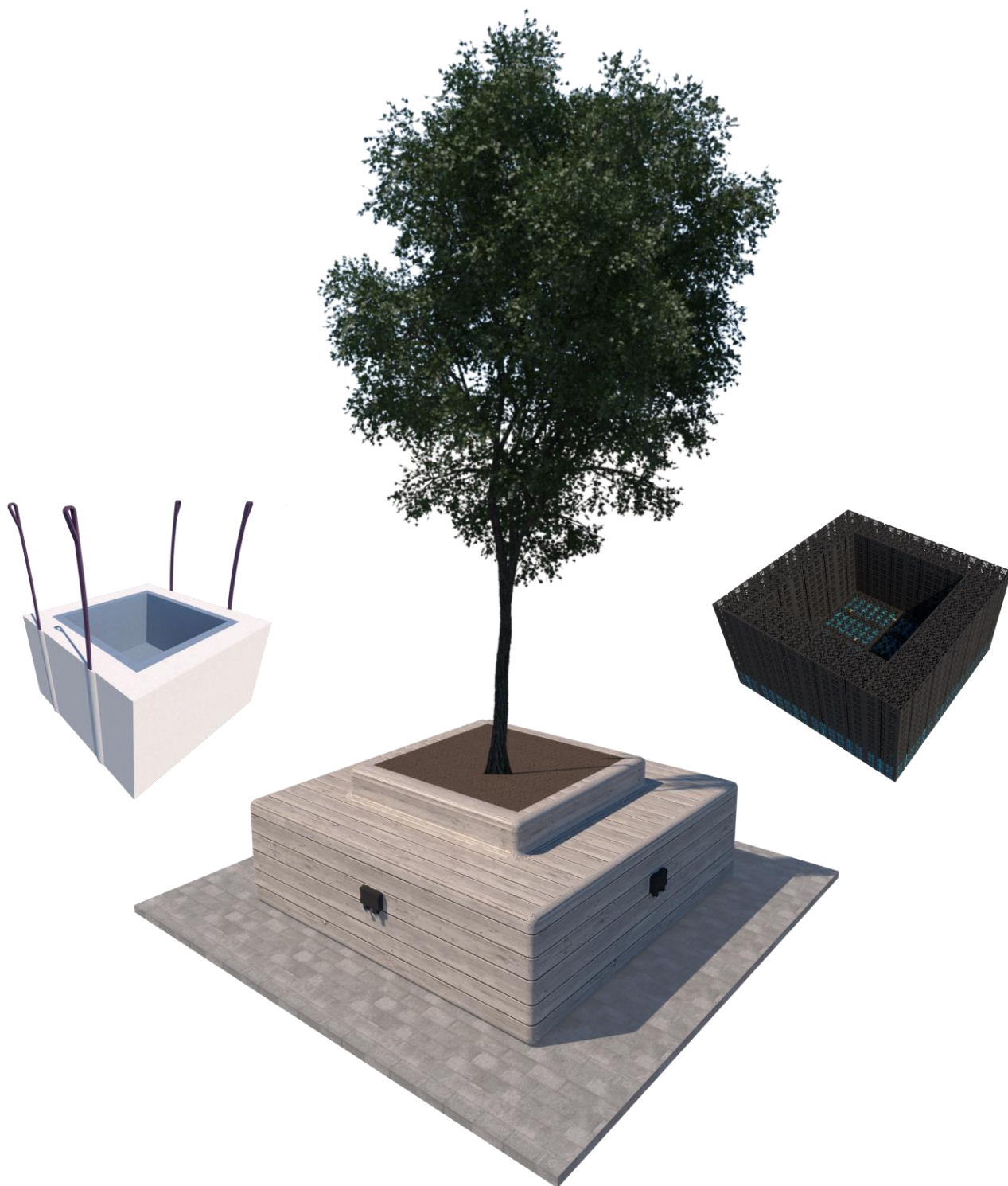


Kayak and Boat Rental



Hybrid Tree Pit

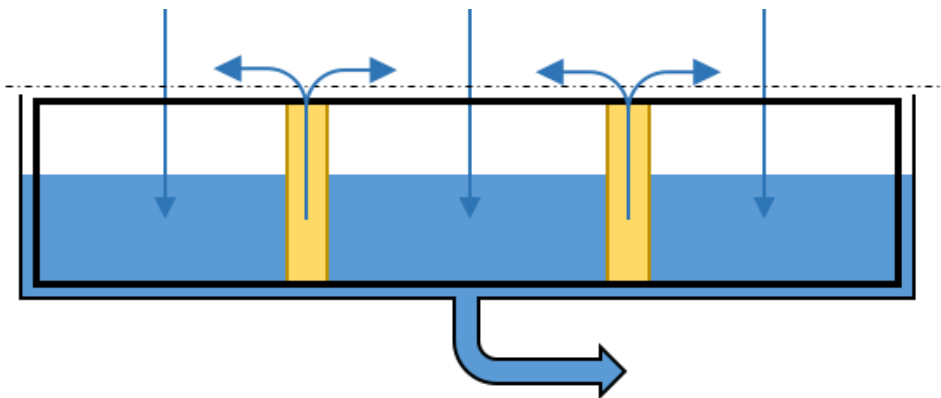
Modular - Prefabricated - Fully Water Managed - Passive Irrigation - Integrated plug sockets - LED Lighting





Water Managed Planter

Modular - Prefabricated - Fully Water Managed - Passive Irrigation - LED Lighting - Biodiversity





Grassed Amenity Areas

Modular – Fast Installation – No Excavation – Passive Irrigation – Temporary or Permanent





Living Wall

Modular – Prefabricated – No Excavation – Passive Irrigation – Temporary or Permanent – Space for Advertising

