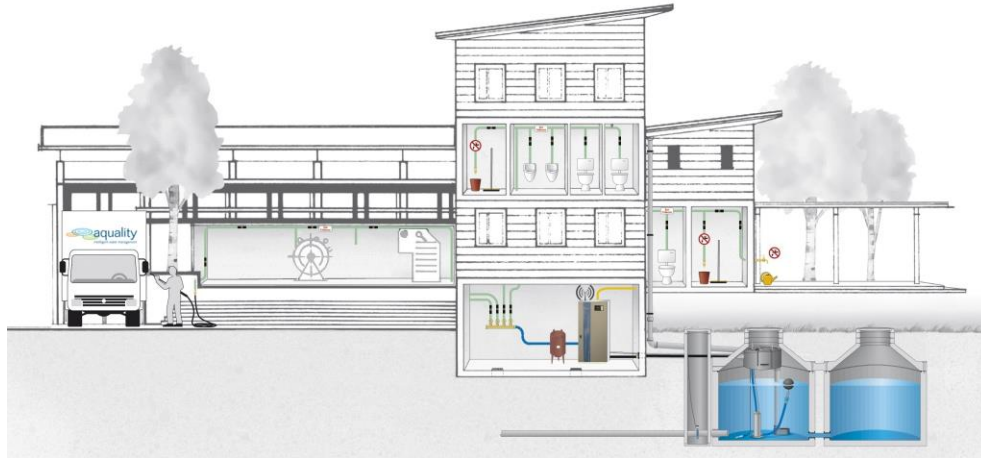# CPD "Using IoT to create more effective stormwater management systems"

Commercial rainwater harvesting system using active storm control ASC powered by OptiTRC

Using IoT to create more effective stormwater management systems

The presentation covers what IoT (Internet of Things) is and how it works to reduce the occurrence of flooding on a catchment and site scale basis. The seminar explores the ways in which this technology can improve water quality and water efficiency to help create integrated water management plans using water re-use systems and SuDS. It also looks at continuous monitoring adaptive control (CMAC) and system resilience.

The CPD will draw on some examples from the United States to illustrate how the system can work on both green and grey infrastructure.

The following points will be addressed:
1. Drainage design and SuDS
2. What is IoT and CMAC?
2. Aqua Storm Control components
3. How Aqua Storm Control works
4. Applications & case studies

Speaker:

The seminar will normally be delivered by Neill Robinson-Welsh, Business Development Director for Aquality, Neill has over 25 years business experience in building and civils drainage working for some of the leading names in construction building materials supply, is a regular contributor to industry guidance including C753 The SuDS Manual, and has previously sat on various BSI and CEN standards committees.