



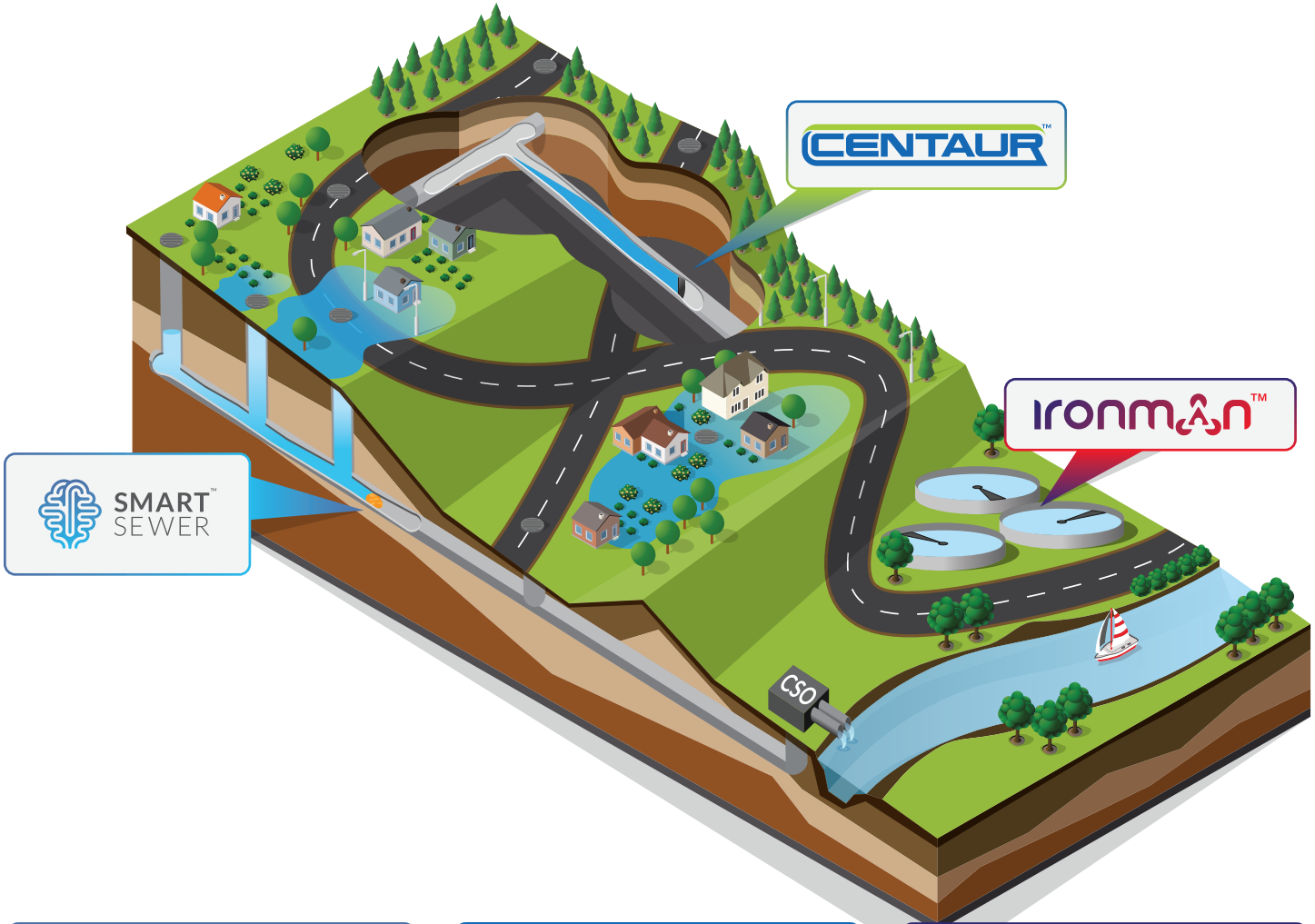
**ENVIRONMENTAL
MONITORING
SOLUTIONS**

www.em-solutions.co.uk
twitter.com/EMSolutionsLtd
info@em-solutions.co.uk
+44 (0) 114 272 2270



SMART WASTEWATER

Intelligent Use of Existing Assets & Infrastructure



SMART SEWER

Detect Blockages before they become Flooding Events

- ✓ Recognise build-up of blockages in real-time
- ✓ Prevent flooding-other-causes and pollution events
- ✓ Distinguishes between rainfall and anomalous network behaviour
- ✓ Promotes proactive rather than reactive network management

CENTAUR

Increase Hydraulic Capacity

- ✓ Reduce flood risk
- ✓ Prevent spills from CSO's
- ✓ Control flows to pumping stations and wastewater treatment works
- ✓ Less costly than capital, space intensive, engineering solutions
- ✓ Complements traditional approaches and Green Infrastructure

Ironman

Smart Control of Iron Dosing for Phosphate Removal

- ✓ Reduce energy and additive use in meeting and maintaining compliance
- ✓ Low cost, easy to deploy, maintain and operate
- ✓ Able to sense, think, act and adapt to changing circumstance
- ✓ Reduce carbon footprint of wastewater treatment process

