Pipeline Shield - Water

spottitt

6 CLEAN WATER AND SANITATION

- User: Water network owners and operators.
- Challenge/Needs: Depending on geography up to 40% of water is lost through leakage of our water networks. Water network encroachment (vegetation and 3rd party) detection and monitoring, and water leakage detection.
- Initiative: Developed as part of Spottitt's range of monitoring services for utility network operators. The work focuses on reduction of network losses predominantly in rural areas.
- Results: Commercially available 'Pipeline Shield' service derived from optical imagery with 50cm resolution. Global coverage. Cost £27/ km. Volume discounts available. Trials completed/ongoing in Australia, UK and Western Europe.
- Service Provider: Spottitt Ltd.

Target 6.4: By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.
- Monitor water use efficiency

Water leakage risk detection

Potential water leak detection

EARSC
European Association
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