



INNOVATIVE AIRBORNE WATER LEAK DETECTION SURVEILLANCE SERVICE

The WADI project will prove the feasibility of an airborne water leak detection surveillance service aimed at providing water utilities with adequate information on leaks in water infrastructure outside urban areas, thus enabling prompt and cost-effective repairs.

EFFICIENCY

WADI leak detection service will help saving water, consequently reducing energy consumption and CO₂ emissions.

EFFECTIVENESS

Long distance and strategic infrastructure monitoring also in areas with difficult physical access.

ADAPTABILITY

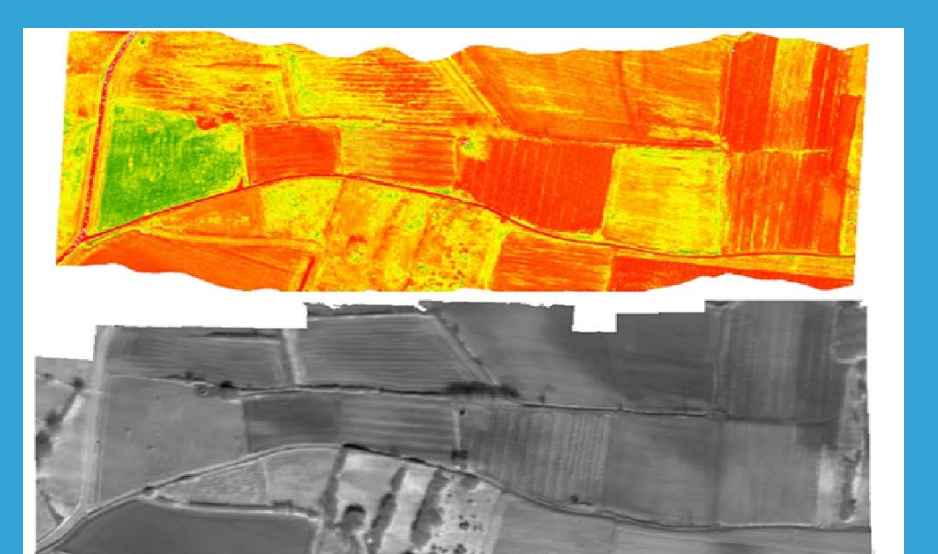
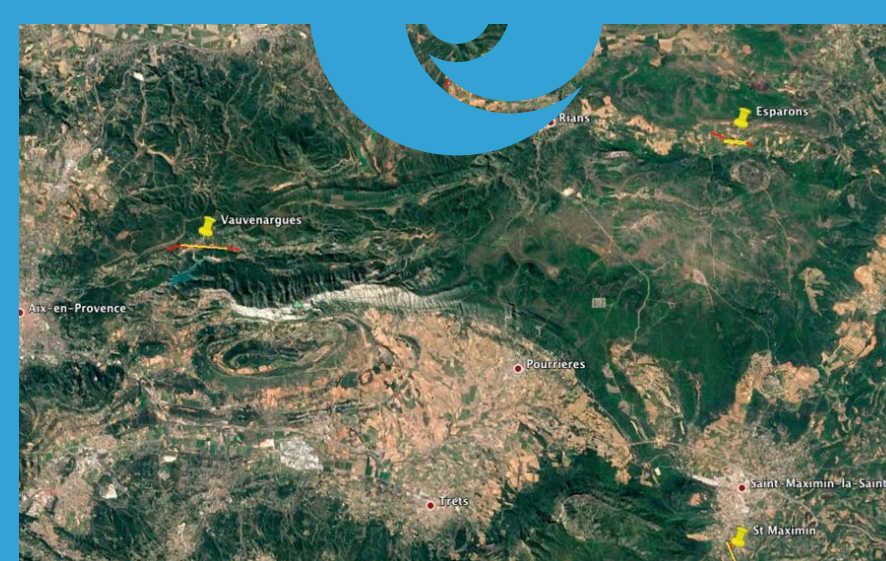
Accurate and tailored leak detection method for water supply mains thanks to customised and optimised data processing technique.

IMPACT ON THE ENVIRONMENT

By reducing losses from water supply systems in the pilot sites WADI will contribute to tackling water scarcity and drought.

MARKET

The reliability and scalability of WADI technology will be proved in real environment demonstrations.

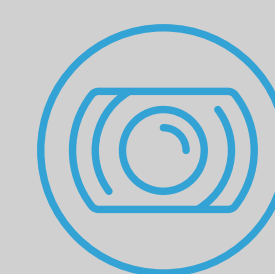


TECHNOLOGY

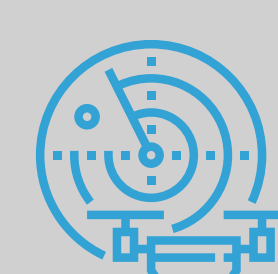
WADI's innovative optical remote sensing concept integrates multispectral images and thermographic infrared (TIR) imaging devices running at the optimised detection wavelengths defined during the project.

This solution will be applied on two complementary aerial platforms (manned and unmanned) and tested in an operational environment in two pilot sites: Société du Canal de Provence (Provence region, France) and EDIA (Alqueva, Portugal).

Optical remote sensing



Manned and unmanned aerial platforms



Demonstration in operational environment



The WADI project is coordinated by youris.com EEIG. Scientific coordination is provided by Onera. The project involves 12 partners in 6 European countries:



www.waditech.eu

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#WADltech