



**Water-tightness Airborne Detection Implementation**

## **D10.4 Project Brochure – First Release**

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## Technical references

Project Acronym	WADI
Project Title	Water-tightness Airborne Detection Implementation
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*PU = Public*

*PP = Restricted to other programme participants (including the Commission Services)*

*RE = Restricted to a group specified by the consortium (including the Commission Services)*

*CO = Confidential, only for members of the consortium (including the Commission Services)*

v	Date	Beneficiary	Author
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## Disclaimer

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 689239.

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## Executive Summary

The present document provides information on the first release of the project brochure designed for the WADI project. The brochure is available in digital format and it will be printed to be distributed at conferences, fairs and other events.

The first release of the brochure is aimed at informing the stakeholders' community about the project, its objectives and key messages. A second leaflet will be prepared towards the end of the project (M34) with a focus on the project's achievements.



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# 1 The WADI Brochure

## 1.1 Brochure development

WADI brochure has been designed and developed by youris.com and its third party IMG Internet. Being the first release, it has been conceived to present the project to the scientific community. A second release about WADI achievements will be issued towards the end of the project in month 34.

The design of WADI brochure is coherent with the project identity developed for the logo and the website. The layout helps conveying the information about WADI's airborne water leak detection surveillance service and its application in a clear way.

WADI brochure will be provided to the consortium in high resolution and it will also be available for download from the project website. A printed version for distribution at events, fairs and conferences will be considered according to project's needs.

## 1.2 Structure

WADI brochure consists in four pages, organised in a A5 horizontal layout. The content is structured as follows:

### **Cover page (1)**

The cover page displays a few visual elements: the logo, the project title, an image representing an aerial view of a water supply infrastructure in a rural area and the link to the project website.

### **Inside pages (2 and 3)**

The internal pages of the brochure provide a short introduction to the project's main objective, the technology used and the advantages resulting from the application of WADI airborne water leak surveillance service.

### **Back cover (4)**

The back cover serves as a presentation of WADI Consortium. It also provides contact details and contains an acknowledgement of EU funding.



## INNOVATIVE AIRBORNE WATER LEAK DETECTION SURVEILLANCE SERVICE



[www.waditech.eu](http://www.waditech.eu)

Figure 1.1 Cover

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 CO<sub>2</sub> emissions.

### EFFECTIVENESS

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

### ADAPTABILITY

Accurate and tailored leak detection method for water transportation infrastructure (irrigation and pipe water network).

1.2 Inside left page





**IMPACT ON THE ENVIRONMENT**

By reducing losses from water supply systems WADI's service will contribute to tackling water scarcity and drought.



**REAL ENVIRONMENT DEMONSTRATION**

WADI Technology will be tested in the field.



**Technology**

- Optical remote sensing
- Manned and unmanned aerial platforms
- Demonstration in operational environment

WADI's innovative concept consists in coupling and optimising off-the-shelf optical remote sensing devices (multispectral and infrared cameras) and applying them on two complementary aerial platforms (manned and unmanned) in an operational environment.

The feasibility of the airborne surveillance service will be tested through leak detection campaigns on two pilot sites: Societé du Canal de Provence (Provence region, France) and EDIA (Alqueva, Portugal).

1.3 Inside right page

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



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#WADItech



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Figure 1.4 Back cover