

## Vídeo Industrial para visão EXPANdida em operações à Distância

### VIEXPAND E6.3 VIEXPAND PROJECT WEBSITE (EN) SÍTIO WEB DO PROJETO VIEXPAND (PT)

Contractual Date of Delivery:	30/Jan/2021
Actual Date of Delivery:	30/Jan/2021
Editor:	João M. Gil (TWEVO)
Authors:	João M. Gil (TWEVO)
Internal reviewers:	Carlos Ribeiro (TWEVO), Lino Ferreira e Pedro A. Assunção (IT)
Workpackage (EN)/Atividade (PT):	6
Security:	PU
Version:	1.0
Total number of pages:	6

#### SUMMARY (EN):

This Deliverable reports on the project's website, referring to its objectives, its informational, technical, formal and institutional content. It follows the respective task, T6.3, set in the Technical Annex.

#### SUMÁRIO (PT):

Este Entregável reporta sobre o sítio web do projeto, referindo-se aos seus objetivos, e ao seu conteúdo informativo, técnico, formal e institucional. Segue a respetiva tarefa, T6.3, estabelecida no Anexo Técnico.

**Keyword list:** Website, VIEXPAND, Communication

**Cofinanciado por:**



The VIEXPAND project is funded under Research and Technological Development Incentive Scheme - CO-PROMOTION | Centro2020 | P2020 | European Regional Development Funds.

**Table of Contents**

List of Acronyms..... 3

1. Introduction.....4

2. Website..... 4

    2.1. Context.....4

    2.2. Objectives..... 4

    2.3. Content..... 5

3. Conclusions.....6

### List of Acronyms

ANI	Agência Nacional de Inovação
EU	European Union
NAS	Network-Attached Storage
PDF	Portable Document File
SSL	Secure Sockets Layer
TA	Technical Annex
URL	Universal Resource Locator (aka Uniform Resource Locator)

## 1. Introduction

This Deliverable is a brief account of VIEXPAND’s website. It includes the description of its objectives and main contents, throughout the execution of the project. The project’s website results from task T6.3, ‘Sítio web e promoção on-line’ (website and on-line promotion, in Portuguese).

## 2. Website

### 2.1. Context

VIEXPAND’s website, at <https://www.twevo.net/projects-2/viexpand/>, may be accessed from present TWEVO’s main website server, at <https://twevo.net/>. From the main TWEVO’s website Universal Resource Locator (URL, aka Uniform Resource Locator), ‘TWEVO’s Projects’ menu listing includes the three TWEVO’s European Union (EU) co-funded projects, REVOsdr, RADAVENT and VIEXPAND, at <https://www.twevo.net/projects-2/>. This page has the link to VIEXPAND’s direct URL, with the clear identification of the source of funding:

- ‘CENTRO2020 | Portugal2020 | EU’, with the respective logo (Figure 1);
- Hyperlink from the official ‘CENTRO2020 | Portugal2020 | EU’ logo to FEDER’s site [[source](#)], following the respective rules [[source](#)];
- ‘Funded under Research and Technological Development Incentive Scheme - CO-PROMOTION | P2020 | European Structural and Investment Funds’.

Following VIEXPAND’s objectives, as well as the Co-Promotor’s missions, the VIEXPAND website is primarily written in English, with the most important information in both English and Portuguese.

Cofinanciado por:



Figure 1 - ‘CENTRO2020 | Portugal2020 | EU’ official logo.

### 2.2. Objectives

Regarding VIEXPAND, the project has followed the general objectives and rules for website publication. The project’s website is a critical Communication tool, promoting the project and convey information to the general public. It is a means of “taking strategic and targeted measures for promoting the action itself and its results to a multitude of audiences, including the media and the public, and possibly engaging in a two-way exchange. The aim is to reach out to society as a whole and in particular to some specific audiences while demonstrating how EU funding contributes to tackling societal challenges.” [[source](#)].

Also, following the description of task T6.3 in the project’s Technical Annex (TA), the website will be “created and maintained to convey the project’s general information, including its public deliverables.”.

2.3. Content

In the website, the content therefore:

- Describes the acronym ‘VIEXPAND’, in Portuguese and English;
- Indicates that the Consortium has been awarded with important funding for the project VIEXPAND, “aiding in TWEVO's R&D, in our steady growth and in our market reach.”;
- Delineates the objectives of the project, “The objective of VIEXPAND is the development and hardware construction of an omnidirectional or multiview video processing and transmission system. It will function in real-time, for the application and added-value in the optimisation of supervision of industrial production processes, professional inspection, surveillance and security applications, including of critical facilities, in the distance. The project particularly focuses on professional applications where monitoring of large industrial areas requires wide fields of view (up to 360°) and multiple views to guarantee Quality of Operations in the distance, demanding for optimised and efficient transmission of data, in real-time. The project aims at creating an industrial tool that, with video reception in such conditions, allows expanding the view of the operator, being distant from the factory floor or from an inspections drone.

The VIEXPAND project aims to create new image and video acquisition and processing processes, on the road to Industry 4.0, to enable automation mechanisms to be implemented in specific industrial sectors with short-term results. It is therefore the result of a well established and structured link to the glass industry in the region, with the national and global scale of Vidrala, S.A., as project Partner.”;

- Pictures the main project’s work blocks, “The VIEXPAND project involves R&D work covering several acquisition, coding, transmission, reception and visualisation blocks. It includes their integration and mounting on a relevant industrial scenario, as well as pilot demonstration testing in real environments and relevant inspection processes.”, with the diagrams shown in Figure 2;
- Shows the project’s beneficiaries and Co-Promotors, TWEVO and Instituto de Telecomunicações, and the project Partner, Vidrala S.A., with their respective logos (Figure 3);

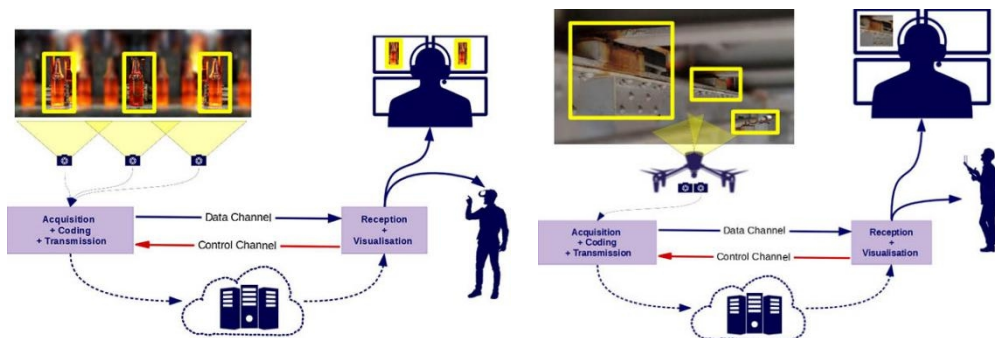


Figure 2 - The project’s main work blocks, for acquisition, coding, transmission, reception and visualisation, data and control channels.



Figure 3 - Co-Promotors and Partner logos.

Besides this brief technical content, the site includes the following formal institutional information:

- “The project is mainly conducted in the Portuguese language, under the supervision of ANI, Agência Nacional de Inovação.” (with the respective link to ANI);
- Project name, number, main objective, region of intervention, beneficiaries, date of approval, start date, end date, total eligible cost, EU financial support, objectives, activities and expected/reached results (all in Portuguese and English).

Additionally, following the TA, the site has the required links to its important outputs, namely, its public deliverables. These are accessible to all, in the Portable Document File (PDF) format, with the respective number, title and download link.

Last, but not least, the project has also followed the Task of providing a means for internal file storage and consultation, with SSL protection, for the project’s beneficiaries. Though it is not being provided directly through the project’s site, the Consortium agreed to follow the most secure and independent solution of resorting to TWEVO’s own Network-Attached Storage (NAS). It is a file-level computer data storage server connected to a computer network, providing data access to the authorised Consortium members (local or external). The NAS is working accordingly.

### 3. Conclusions

This Deliverable shows how task T6.3 has been executed. The website is, therefore, prepared for its role, throughout the prosecution of the project’s work.