

RADar para Detection and Avoidance em Veículos Aéreos Não Tripulados

RADAVANT

E6.3

RADAVANT PROJECT WEBSITE (EN) SÍTIO WEB DO PROJETO RADAVANT (PT)

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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, RADAVANT, Communication

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List of Acronyms

ANI	Agência Nacional de Inovação
BVLOS	Beyond Visual Line-of-Sight
EU	European Union
NAS	Network-Attached Storage
PDF	Portable Document File
SSL	Secure Sockets Layer
TA	Technical Annex
UAV	Unmanned Aerial Vehicle
URL	Universal Resource Locator (aka Uniform Resource Locator)

1. Introduction

This Deliverable is a brief account of RADAVANT’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 materiais de promoção’ (website and promotional materials, in portuguese).

2. Website

2.1. Context

RADAVANT’s website, at <https://www.twevo.net/projects-2/radavant/>, 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 two TWEVO’s EU co-funded projects, REVOsdr and RADAVANT, at <https://www.twevo.net/projects-2/>. This page has the link to RADAVANT’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, sent to TWEVO from the project’s IPN Manager;
- ‘Funded under Research and Technological Development Incentive Scheme - CO-PROMOTION | P2020 | European Structural and Investment Funds’.

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

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

2.2. Objectives

Regarding RADAVANT, we have followed the general objectives and rules for website publication. We understand that the project’s website is a critical Communication tool, where we promote 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. The website will also include an internal file storage and consultation means, with Secure Sockets Layer (SSL) protection, for the project’s beneficiaries.”.

2.3. Content

In the website, we therefore:

- Describe the acronym ‘RADAVANT’, in Portuguese and English;
- Indicate that TWEVO has been awarded with important funding for the project RADAVANT, “aiding in TWEVO's R&D, in our sustainable growth and in our market strategy.”;
- Delineate the objectives of the project, “The RADAVANT project aims to research and develop a joint communication with radar-type sensing system to improve flight safety and control of Unmanned Aerial Vehicles (UAVs) dedicated to utilities and infrastructure inspection. The system will be designed to operate particularly in Beyond Visual Line-of-Sight (BVLOS) and high interference scenarios, where detection and avoidance is most critical. The conception, construction and deployment of such a system will result in more cost efficient inspection services and add more value to other services delivered by UAVs.”;
- Picture the main project’s work blocks, “The RADAVANT project involves R&D work along several radar and data-link blocks, as well as in their integration, the mounting on a drone (UAV), and the pilot demonstration testing in real and relevant inspection scenarios.”, along with the block diagram shown in Figure 2 (in Portuguese);
- Show the projects beneficiaries and Co-Promotors, TWEVO and Instituto de Telecomunicações, with the respective logos (Figure 3);

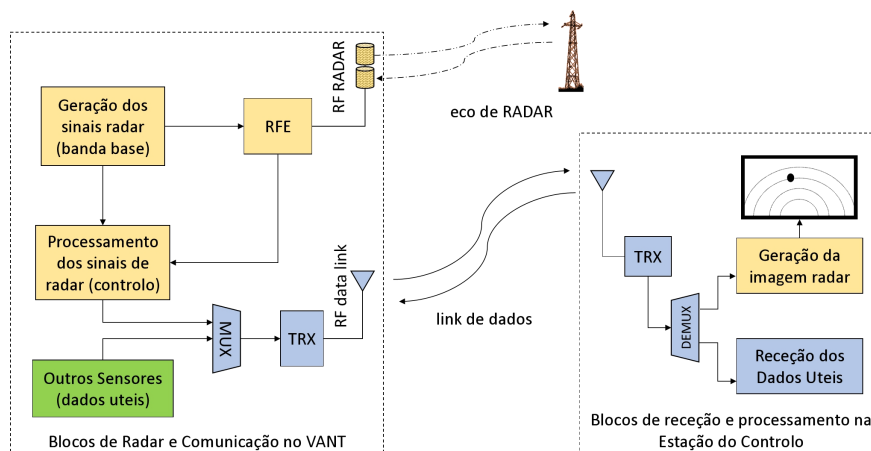


Figure 2 - The project’s main work blocks, for the radar and data-link.



Figure 3 - Co-Promotors logos.

Besides this brief technical content, we include 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, we have also followed the objective 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.