



H2020 5G Dive Project  
Grant No. 859881

## D5.1. Project Portal and Communication Channels

### Abstract

This deliverable (D5.1) reports the set-up of project portal and communication channels as social media (Twitter, Instagram, YouTube and LinkedIn). It also provides the information about the management tools created to facilitate the communication and collaborative work.

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## Contenido

|   |    |
|---|----|
| List of Figures .....                     | 4  |
| Executive Summary .....                   | 5  |
| 1. Introduction .....                     | 6  |
| 2. Project Portal .....                   | 7  |
| 2.1. Project Contact .....                | 7  |
| 2.2. Project Consortium .....             | 8  |
| 2.3. Deliverables.....                    | 8  |
| 2.4. Dissemination and exploitation ..... | 9  |
| 2.5. Commission area .....                | 10 |
| 2.6. Private Area.....                    | 10 |
| 2.7. News.....                            | 12 |
| 3. Redmine.....                           | 12 |
| 4. Zoom .....                             | 13 |
| 5. Dissemination Form.....                | 14 |
| 6. Templates .....                        | 14 |
| 7. Communication Channels .....           | 15 |
| 7.1. LinkedIn.....                        | 15 |
| 7.2. Twitter.....                         | 15 |
| 7.3. Instagram.....                       | 16 |
| 7.4. YouTube channel.....                 | 16 |
| 8. Conclusions .....                      | 17 |

## List of Figures

|  |    |
|--|----|
| Figure 1: Illustration of the 5G-Dive webpage.....                               | 7  |
| Figure 2: Illustration of the contact page of the 5G-Dive website.....           | 8  |
| Figure 3: Illustration of the consortium of the 5G-Dive website.....             | 8  |
| Figure 4: Illustration of the deliverables page of the 5G-Dive website.....      | 9  |
| Figure 5: Illustration of the dissemination and exploitation drop-down list..... | 9  |
| Figure 6: Illustration of the commission area of the 5G-Dive website.....        | 10 |
| Figure 7: Illustration of the private area page of the 5G-Dive website.....      | 10 |
| Figure 8: Illustration of the news page of the 5G-Dive website.....              | 11 |
| Figure 9: Illustration of Redmine.....   | 12 |
| Figure 10: Illustration of zoom.....   | 12 |
| Figure 11: Illustration of dissemination database.....                           | 13 |
| Figure 12: Illustration of the 5G-Dive LinkedIn account.....                     | 14 |
| Figure 13: Illustration of the 5G-Dive Twitter account.....                      | 15 |
| Figure 14: Illustration of the 5G-Dive Instagram account.....                    | 15 |

## Executive Summary

Deliverable 5.1 serves as validation of the setup of the different collaborative tools the project will use for its own day by work and for the dissemination of results to the society in general.

The deliverable consists then of different elements, on the hand main contribution to this deliverable is the actual setup of the project Web side, social network presence and collaborative tools. On the other hand, this report gives the reviewer and the general public an ide of the different tools used and setup, so they can find easily the different elements integrating them.

Our past experience has shown that for the dissemination results and activities for the general public, it is very important to provide a communication strategy that makes coordinated use of different media. In the case of 5G-Dive, this will be done by the coordination of news between the web site and social media, specifically with Twitter, Instagram and LinkedIn. These tools will be use for the general dissemination of activities and results. In addition, we use extensively different blogs and online publications, including opinion sections, which will increase the reach of our communication to specialized public.

Regarding collaborative tools, we have setup a complete collaborative suite consisting of mailing lists, SVN file repository, Wiki

## 1. Introduction

The deliverable D5.1 includes communication activities and management collaborative tools undertaken in the first month of the project to ensure an up-to-date communication and dissemination of the project activities.

We are going to present the different tools setup for the use of the project. We have delivered two kinds of tools:

- a. Collaborative work tools
- b. Communication tools

From point to five, we detail the collaborative tool project has deployed, that includes a collaborative project management tool, Redmine, which contains all the different elements required to share information and files for the project, such as mailing lists, SVN file repository, Wiki and shared calendar. Moreover, as collaborative work tools, we have bought a Zoom license for virtual meetings and we have created some templates for presentations and reports.

As communication tool, in point two we describe the Web site where all the information regarding the project activities will be posted. Furthermore, in point six, we describe the different accounts in social media, which are linked to other projects accounts and will be actively used to disseminate and communicate the activities of the project.

In conclusion, the objective of creating tools for managing project reports and communication channels has been achieved on time.

## 2. Project Portal

The objective of deployment of the project portal for an up-to date communication on all events and milestones from the project to the wide community has been reached through the [5g-dive.eu](https://5g-dive.eu) webpage.

Apart from an overview of the project in the main page, it includes the following pages:

- Project contacts
- Project consortium
- Deliverables
- Dissemination and exploitation
- Commission area
- Private area
- News

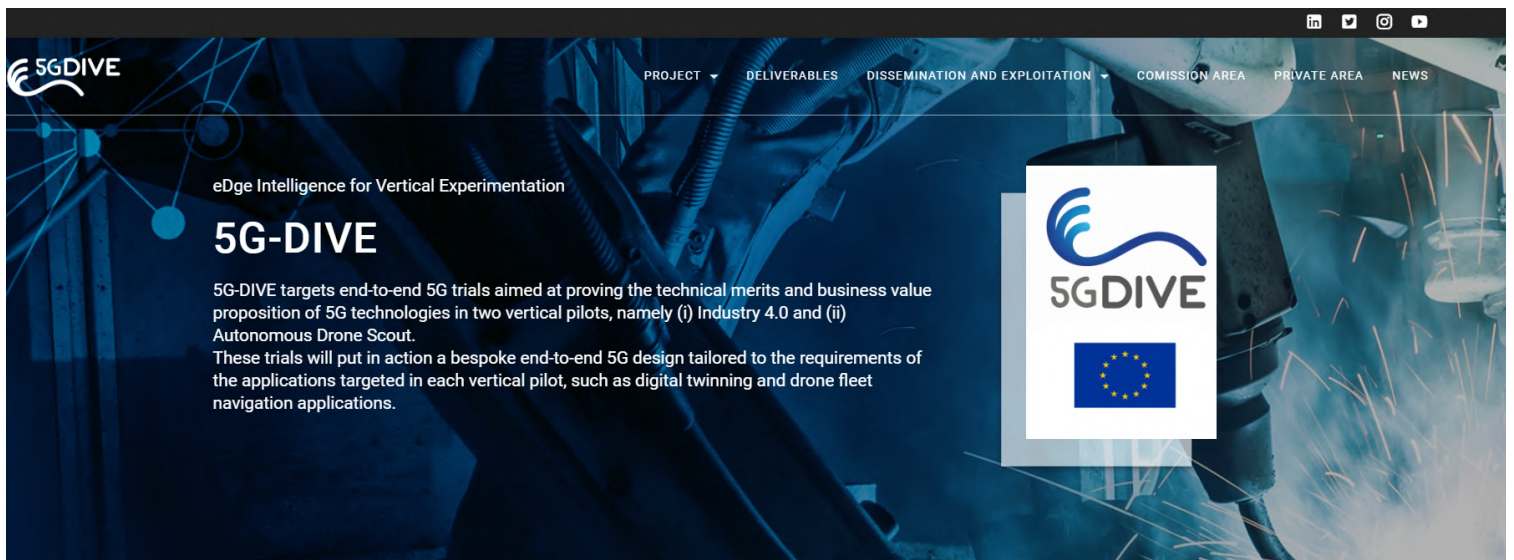


FIGURE 1: ILLUSTRATION OF THE 5G-DIVE WEBPAGE

### 2.1. Project Contact

This section provides the address of a contact person for the project, so any interested viewer can contact the project. This has proved useful in past projects since it allows individual researchers and companies working in the subject the project and potentially create new collaborations.

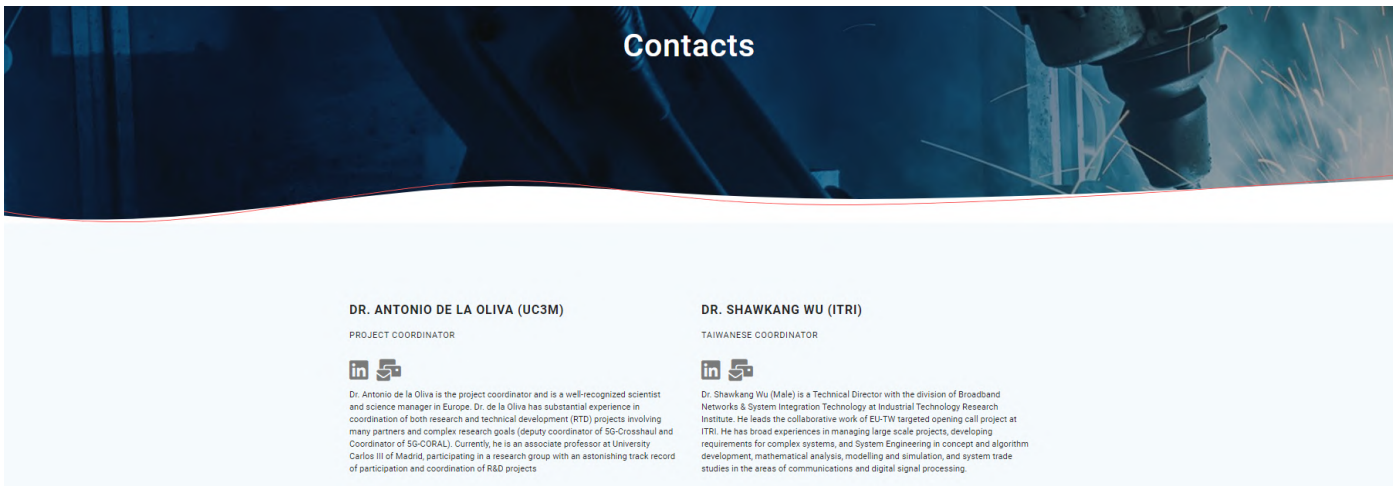


FIGURE 2: ILLUSTRATION OF THE CONTACT PAGE OF THE 5G-DIVE WEBSITE

## 2.2. Project Consortium

This page contains the description of all the partners.



FIGURE 3: ILLUSTRATION OF THE CONSORTIUM OF THE 5G-DIVE WEBSITE

## 2.3. Deliverables

The page of deliverables includes the list of all the deliverables of the Project. Following the rules of the CA and DoA, in this page public deliverables will be made available to the public.



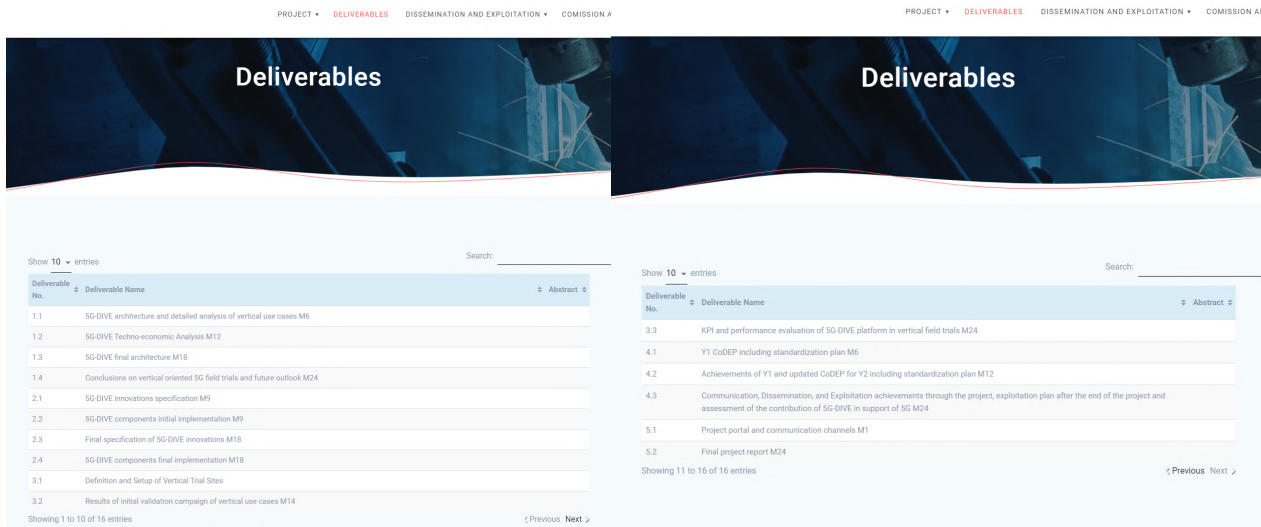


FIGURE 4: ILLUSTRATION OF THE DELIVERABLES PAGE OF THE 5G-DIVE WEBSITE

## 2.4. Dissemination and exploitation

The dissemination activities will include publications, presentations, talks, demonstrations, panels, workshops, and events. This page also includes Standardization, Open Source and Patents. They are detailed in drop-down list.

Following the recommendation from the EC on Open Access publication of results, we will upload to the web page every publication result of the project, including meta-data for archiving purposes. This corresponds to the Green strategy for Open Access. In addition, we plan to continue storing the different publications in the open public repository of the University Carlos III of Madrid.

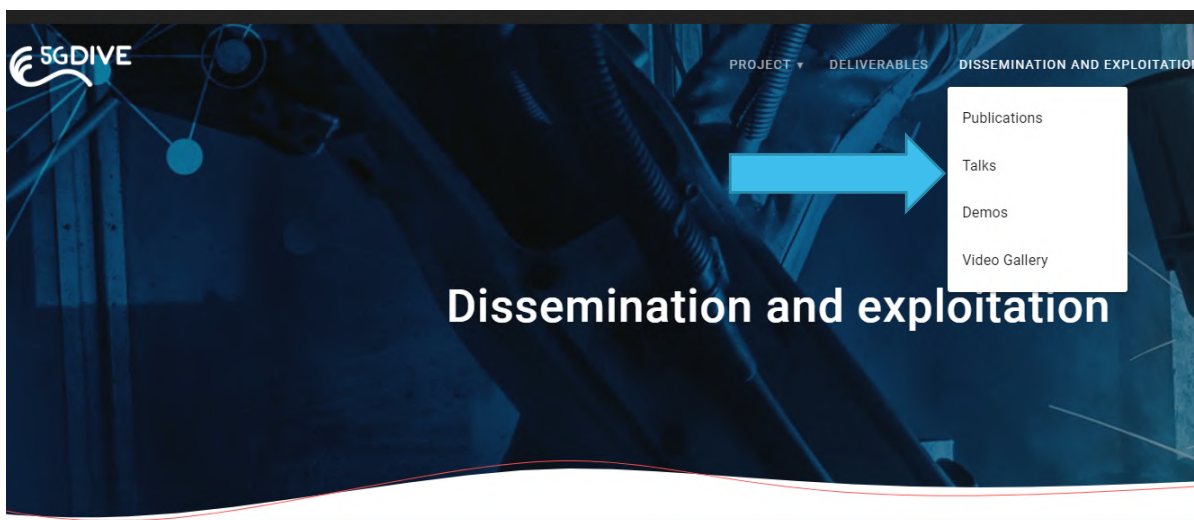


FIGURE 5: ILLUSTRATION OF THE DISSEMINATION AND EXPLOITATION DROP-DOWN LIST

## 2.5. Commission area

Private Area shared with the European Commission. This page gives access to the shared repository or reports with EC. This web page is private and only the Coordinator, the Project Office and the reviewers will have access to it. The information is structured by Period and type of report. Credentials for access will be sent to the Project Officer by email.

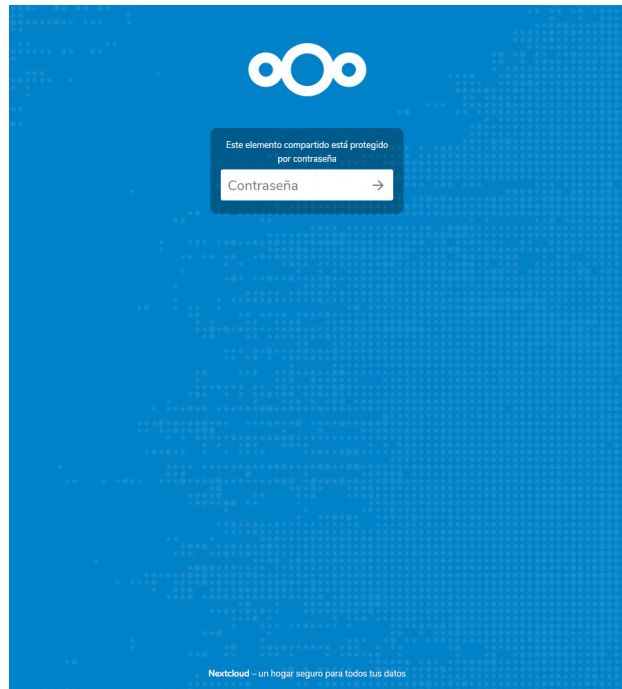


FIGURE 6: ILLUSTRATION OF THE COMMISSION AREA OF THE 5G-DIVE WEBSITE

## 2.6. Private Area

Private Area is shared with all the partners and gives access to the Redmine Project Management Tool explained in Section 3.

**5G-DIVE**

Home My page Projects Administration Help

Logged in as *adivra* My account Sign out

Search:  5G-DIVE

Overview Activity Issues Spent time Gantt Calendar News Documents Wiki Files Repository Settings

Overview New subproject Close

**Members**  
 Manager: Antonio de la oliva  
 Developer: Administrador Proyectos NETCOM, Aitor Zabala, Alain Mourad, Alberto Solano Rodriguez, Angel Segovia, Angelo Corsaro, Antonio de la oliva, Bengt Ahlgren, Carlos Magalhães Guimarães, Charles Turyayendo, chenguang lu, Chih-Wei Su, Chuan-Chi Lai, Daniel Cederholm, Giovanni Rigazzi, Gyanesh Petra, hua-Lung Tsai, Ivan Paetz, Jack Tu, Jani-Pekka Kainulainen, Javier Garcia Rodrigo, June 8150, Kevin 9101393, KJ Liu, Lee Youn-Tai, Luca Cominardi, Luca Mottola, Luigi Girletti, Luis Miguel Contreras Murillo, Maria Yuang, Milan Groshev, Muhammad Febrin Ardiansyah, Nuria Molner Siurana, Osamah Ibrahim, Redmine Admin, Samer Talat, Saptarshi Hazra, Sergio Gonzalez Diaz, Shawkang Wu, Thiemo Voigt, YuChing Xu

**Useful links**

- Website
- SVN
- Link to report dissemination, communication and exploitation activities
- Wiki

**Effort table**

|   | UC3M | ADLINK | EAB | IGG | LITE-ON | FET | TID | TELCA | TT | III | ITRI | NCTU | RISE | TOTAL | Leader |
|---|------|--------|-----|-----|---------|-----|-----|-------|----|-----|------|------|------|-------|--------|
| <b>WP1 Vertical industry-centric use cases and system design</b>  | 4    | 2      | 2   | 5   | 7       | 3   | 10  | 5     | 22 | 12  | 25   | 4    | 1    | 102   |        |
| Analysis of the vertical industry use cases including their business, functional, T1.1 and technical requirements and techno-economic analysis of the solutions | 0    | 1      | 1   | 2   | 4       | 0   | 10  | 1     | 18 | 6   | 9    | 1    | 0    | 53    |        |
| T1.2 5G-DIVE system design and evaluation for vertical use cases  | 4    | 1      | 1   | 3   | 3       | 3   | 0   | 4     | 4  | 6   | 16   | 3    | 1    | 49    |        |
| <b>WP2 5G-DIVE Elastic Edge Platform design towards field trials</b>  | 10   | 6      | 6   | 10  | 6       | 0   | 6   | 22    | 0  | 4   | 24   | 15   | 0    | 117   |        |
| T2.1 5G Connectivity substrate  | 0    | 2      | 3   | 3   | 0       | 0   | 6   | 5     | 0  | 4   | 10   | 1    | 3    | 37    |        |
| T2.2 Computing and virtualisation substrate   | 6    | 2      | 3   | 3   | 3       | 0   | 0   | 10    | 0  | 0   | 14   | 7    | 5    | 53    |        |
| T2.3 Intelligence Engines   | 4    | 2      | 0   | 4   | 3       | 0   | 0   | 7     | 0  | 0   | 0    | 7    | 0    | 27    |        |
| <b>WP3 5G Technology validation and Field trials</b>  | 5    | 10     | 6   | 8   | 10      | 3   | 0   | 12    | 14 | 18  | 42   | 15   | 8    | 151   | ITRI   |
| T3.1 4.0 field trial  | 3    | 10     | 6   | 4   | 0       | 1   | 0   | 12    | 0  | 0   | 10   | 3    | 0    | 49    | ADLINK |
| T3.2 Autonomous Drone Scouting field trial  | 2    | 0      | 0   | 4   | 10      | 2   | 0   | 0     | 14 | 18  | 32   | 12   | 8    | 102   |        |
| <b>WP4 Communication, Dissemination, and Exploitation</b>   | 2    | 2      | 2   | 2   | 2       | 2   | 2   | 2     | 2  | 2   | 3    | 3    | 3    | 29    |        |
| T4.1 Communication activities   | 1    | 1      | 1   | 1   | 1       | 1   | 1   | 1     | 1  | 1   | 2    | 1    | 2    | 15    |        |
| T4.2 Dissemination, Exploitation and Standardization  | 1    | 1      | 1   | 1   | 1       | 1   | 1   | 1     | 1  | 1   | 1    | 2    | 1    | 14    |        |
| <b>WP5 Project Management</b>   | 6    | 0      | 1   | 0   | 0       | 0   | 0   | 0     | 0  | 0   | 6    | 3    | 0    | 16    |        |
| T5.1 Project administrative, financial, and legal management  | 4    | 0      | 0   | 0   | 0       | 0   | 0   | 0     | 0  | 0   | 4    | 0    | 0    | 8     |        |
| T5.2 Technical coordination, Innovation and Quality management  | 2    | 0      | 1   | 0   | 0       | 0   | 0   | 0     | 0  | 0   | 2    | 3    | 0    | 8     |        |
| <b>TOTAL</b>  | 27   | 20     | 17  | 25  | 25      | 8   | 18  | 41    | 38 | 36  | 100  | 40   | 20   | 415   |        |

**Gantt diagram**

Pilot testing & validation on verticals' premises

Implementation/Deployment/Validation/Technical Evaluation

Análisis/Definición

M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15 M16 M17 M18 M19 M20 M21 M22 M23 M24

Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8

**Milestones**

MS1 MS2 MS3 MS4 MS5 MS6 MS7 MS8

**WP1: Vertical industry-centric use cases and system design**

T1.1: Analysis of the vertical industry use cases including their business, functional, and technical requirements and techno-economic analysis of the solutions

T1.2: 5G-DIVE system design and evaluation for vertical use cases

**WP2: 5G-DIVE Elastic Edge Platform design towards field trials**

T2.1: 5G Connectivity substrate

T2.2: Computing and virtualisation substrate

**T2.3: Intelligence Engines**

**WP3: 5G-DIVE validation through vertical field trials**

T3.1: Industry 4.0 field trial

T3.2: Autonomous Drone Scouting field trial

**WP4: Communication, Dissemination, and Exploitation**

T4.1 Communication activities

**T4.2 Dissemination, Exploitation and Standardization**

**WP5: Project Management**

T5.1 Project administrative, financial, and legal management

T5.2 Technical coordination, Innovation and Quality management

Homepage: <http://5g-dive.eu>

**Issue tracking**

|         | open | closed | Total |
|---------|------|--------|-------|
| Bug     | 0    | 0      | 0     |
| Feature | 0    | 0      | 0     |
| Support | 0    | 0      | 0     |

View all issues | Summary | Calendar | Gantt

**Spent time**

0.00 hour

FIGURE 7: ILLUSTRATION OF THE PRIVATE AREA PAGE OF THE 5G-DIVE WEBSITE

## 2.7. News

This page will post the news and important steps to the project. It will be updated every time an event or relevant new occurs. This new site will be synchronized also with the communication service provided by the 5GPPP.

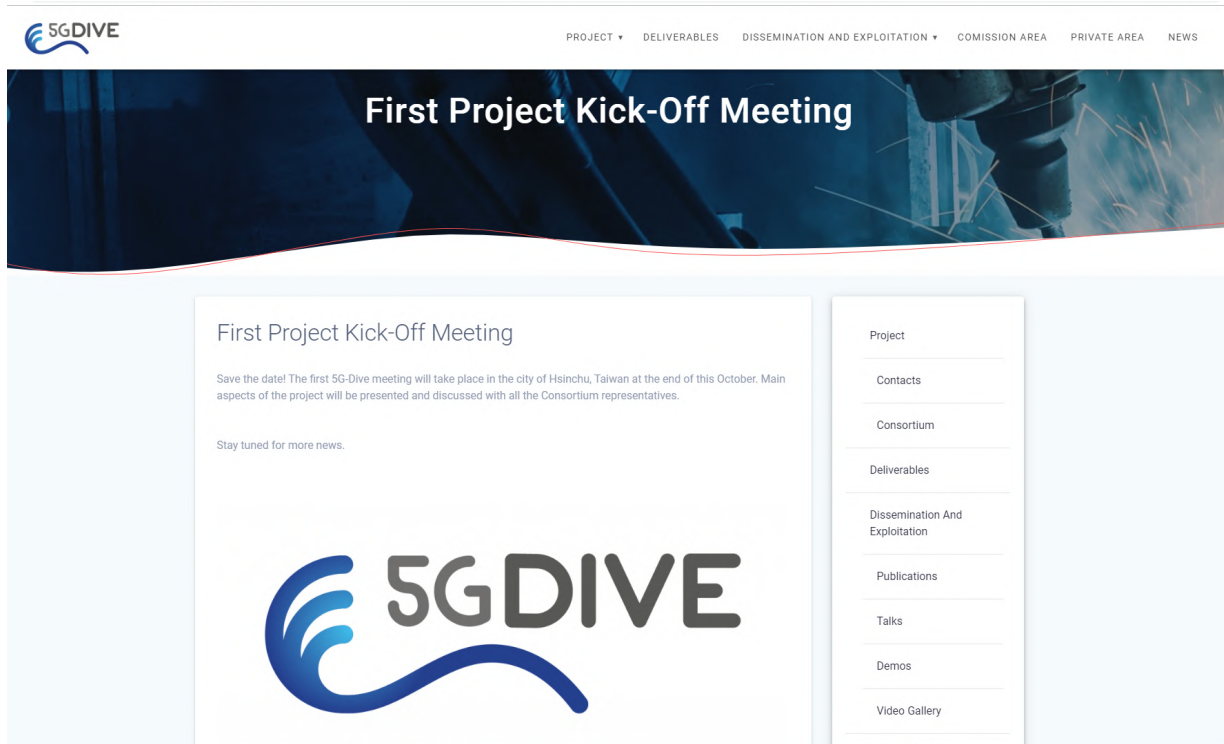


FIGURE 8: ILLUSTRATION OF THE NEWS PAGE OF THE 5G-DIVE WEBSITE

## 3. Redmine

The Private section of the Web site provides access to the Redmine Collaborative Project Management tool. This tool provides different tools that can be used for project management and collaboration. In addition, this tool is highly flexible and extensible, so any future need can be fulfilled by the use of plugins and extensions. This tool includes a file repository (SVN) with restricted access to share the working files.

The main page of the Redmine shows the mailing lists of the project, providing access to subscription, management and archive of them. It also includes the list of deliverables and milestones of the project a Gantt of the planning work and calendar.

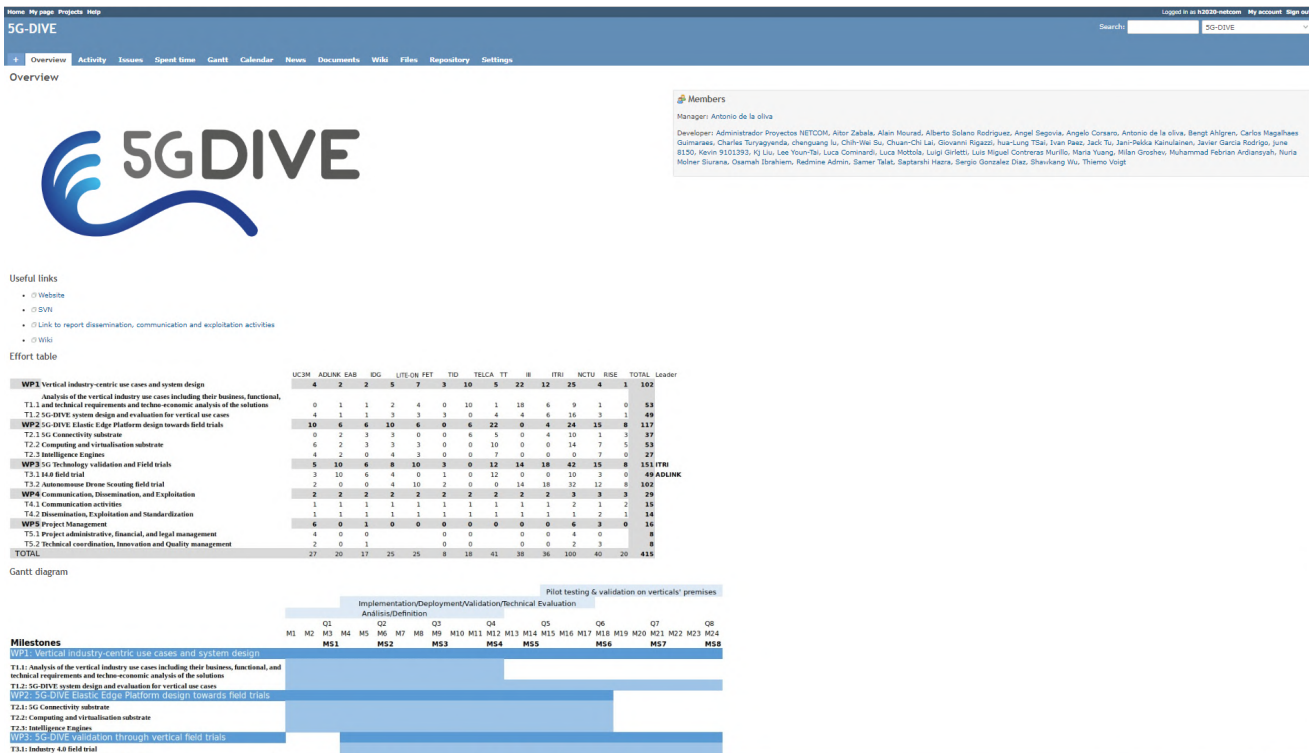


FIGURE 9: ILLUSTRATION OF REDMINE

## 4. Zoom

We understand European research projects as a way of fostering collaboration between researchers of different areas and countries. In order to improve communication and easy the collaboration between partners, the project have bought a license of Zoom, a virtual meeting exchange.

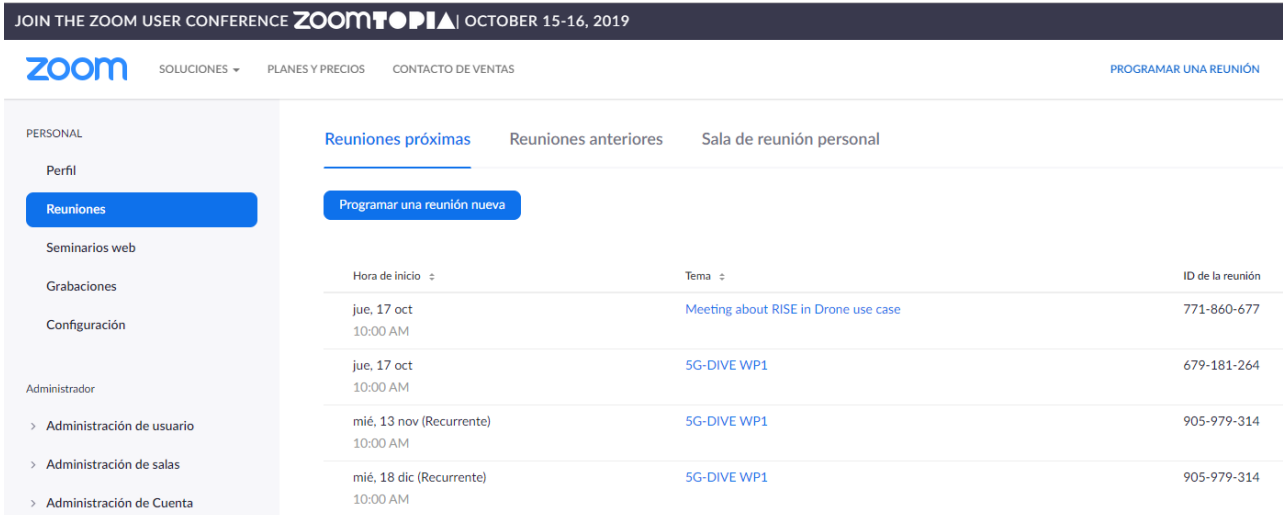
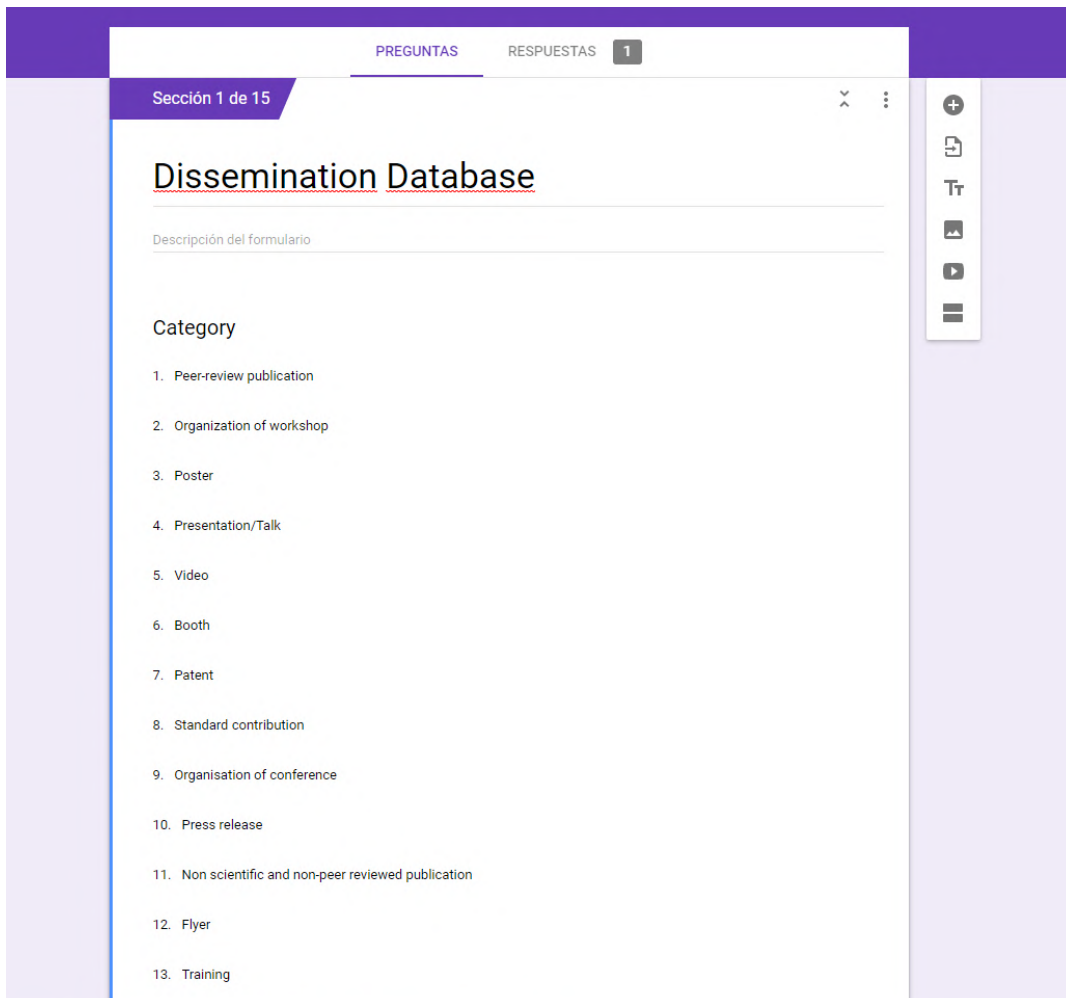


FIGURE 10: ILLUSTRATION OF ZOOM

## 5. Dissemination Form

Dissemination Database allows every partner to upload all dissemination and communication activities with the aim to organize and keep up to date all the communication channels (website, social media, SyGMa, etc.)



The screenshot shows a web interface for a 'Dissemination Database'. At the top, there are tabs for 'PREGUNTAS' and 'RESPUESTAS' with a '1' indicator. Below the tabs, it says 'Sección 1 de 15'. The main heading is 'Dissemination Database'. Underneath, there is a section for 'Descripción del formulario'. The 'Category' section lists 13 options:

1. Peer-review publication
2. Organization of workshop
3. Poster
4. Presentation/Talk
5. Video
6. Booth
7. Patent
8. Standard contribution
9. Organisation of conference
10. Press release
11. Non scientific and non-peer reviewed publication
12. Flyer
13. Training

On the right side of the form, there is a vertical toolbar with icons for adding, deleting, and other actions.

FIGURE 11: ILLUSTRATION OF DISSEMINATION DATABASE

## 6. Templates

The following templates have been designed, so all documents in the project share the same format:

- Presentation template
- Minutes template
- Deliverables template
- QMRs template

We will update them as needed during the lifetime of the project.

## 7. Communication Channels

### 7.1. LinkedIn

A LinkedIn account was created to disseminate and share news and information. <https://www.linkedin.com/in/5g-dive-project/>

This account has been linked also to the social media accounts of 5G-PPP and its projects specifically the ones UC3M is coordinating (5G-TRANSFORMER, 5G-GROWTH).

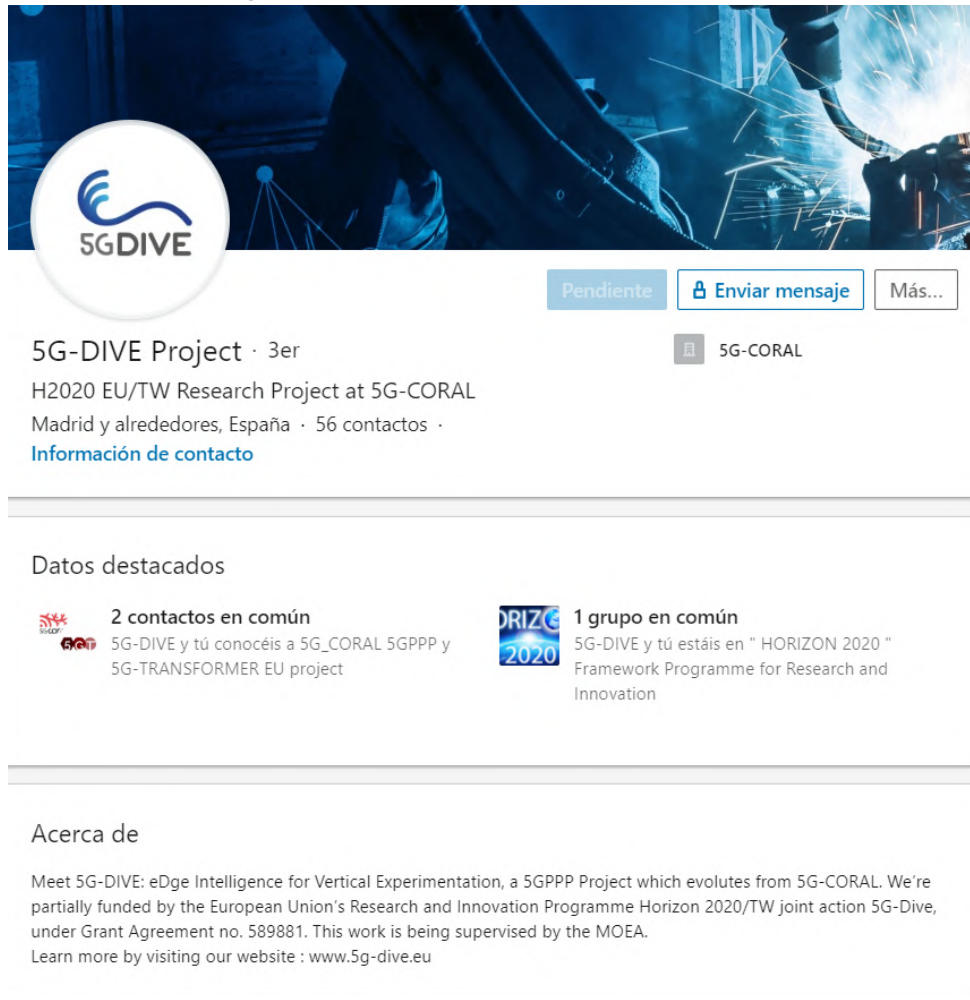


FIGURE 12: ILLUSTRATION OF THE 5G-DIVE LINKEDIN ACCOUNT

### 7.2. Twitter

A Twitter account has been created to share information. <https://twitter.com/Dive5g>

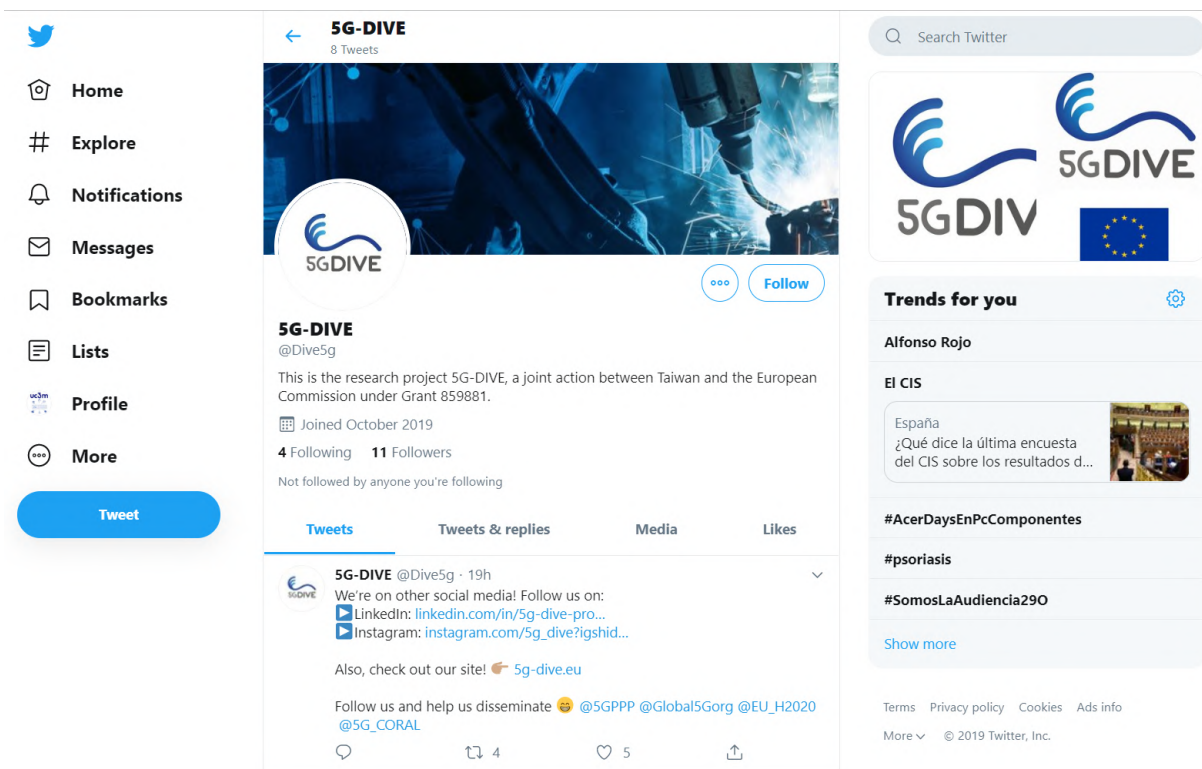


FIGURE 13: ILLUSTRATION OF THE 5G-DIVE TWITTER ACCOUNT

### 7.3. Instagram

An Instagram account has been created to share information.



FIGURE 14: ILLUSTRATION OF THE 5G-DIVE INSTAGRAM ACCOUNT

### 7.4. YouTube channel

A YouTube channel has been created to upload every demos and videos during the project.

The new account has been created under the project coordinator name. In the following weeks it will be modified with 5G-Dive project title.



## 8. Conclusions

This deliverable has presented the different tools setup for the use of the project. We have delivered two kind of tools: collaborative work tools and communication tools.

As collaborative tools, the project has deployed a Web site where all the information regarding the project activities will be posted, together with a collaborative project management tool, Redmine, and a dissemination database tool. Those tools contain all the different elements required to share information and files for the project.

Regarding communication tools, the project has setup different accounts in social media, which are linked to other projects accounts and will be actively used to disseminate and communicate the activities of the project.