

D7.4 - WEBSITE AND LOGO

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Deliverable Information

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Abstract:

This deliverable falls within the Work Package 7 about the dissemination and the exploitation of the SWIPE project. It was produced at month 6 of the project and reports the SWIPE website structure and content, the tools used to create and update the web site and the logo, along with its guidelines.

¹ Nature of deliverable: **R** = Report; **P** = Prototype; **D** = Demonstrator; **O** = Other

² Dissemination level: **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).

Document History

Date	Version	Remarks
01/09/2013	0.1	Skeleton.
27/09/2013	0.2	Website and logo content added. General revision.
04/10/2013	1.0	First issue.

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Executive Summary

The SWIPE project intends to bring Wireless Sensor Networks (WSNs) technologies into space to provide a permanent monitoring of foreign planetary surfaces in future manned missions. A large community of stakeholders will be interested in the results provided by the project.

In order to make the public audience aware about the existence of SWIPE as well as the incremental results which will be produced during the whole project duration, of crucial importance is the creation of the SWIPE website and logo. Both those dissemination instruments have been created by the SWIPE consortium and published over the Internet.

This report aims at reporting the main features of the website, the procedures for the upload of material and content and the SWIPE logo, including the usage guidelines.

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List of Acronyms

Acronym	Meaning
CMYK	Cyan Magenta Yellow Key
HTML	HyperText Markup Language
SWIPE	Space WIreless sensor networks for Planetary Exploration
WBS	Work Breakdown Structure

Table 1 – List of acronyms.

1 Introduction

1.1 *Purpose and scope of the document*

This deliverable, produced at month 6 of the SWIPE project, reports the SWIPE website structure and content, the tools used to create and update the web site and the logo, along with its guidelines.

The planned timing for the Work Package 7 is the following:

- T0: Start of the Work Package 7 (at the beginning of the project).
- T0+6: D7.4 Website and Logo.
- T0+12: D7.1 Dissemination Report 1.
- T0+19: D7.6 Draft Exploitation Plan.
- T0+24: D7.2 Dissemination Report 2.
- T0+31: D7.3 Dissemination Report 3.
- T0+31: D7.5 Final brochure for official public presentation events.
- T0+31: D7.7 Exploitation Plan.

1.2 *Organization of the document*

The deliverable is structured as follows. Section 2 reports the website structure and the content management procedures (in Section 2.1). Section 3 illustrates the SWIPE logo as well as the format and colour guidelines (in Section 3.1).

2 Website

The SWIPE website makes the general information about the SWIPE project available to the public audience. It plays a crucial role in the dissemination of the activities of the project, including the news, the published documents, the public events, the incremental results and so on.

The website was implemented as a Google site (<http://sites.google.com>). It is available at the url:

<http://swipe.tekever.com>

The SWIPE website was launched in the beginning of the project and its homepage is presented in Figure 1.

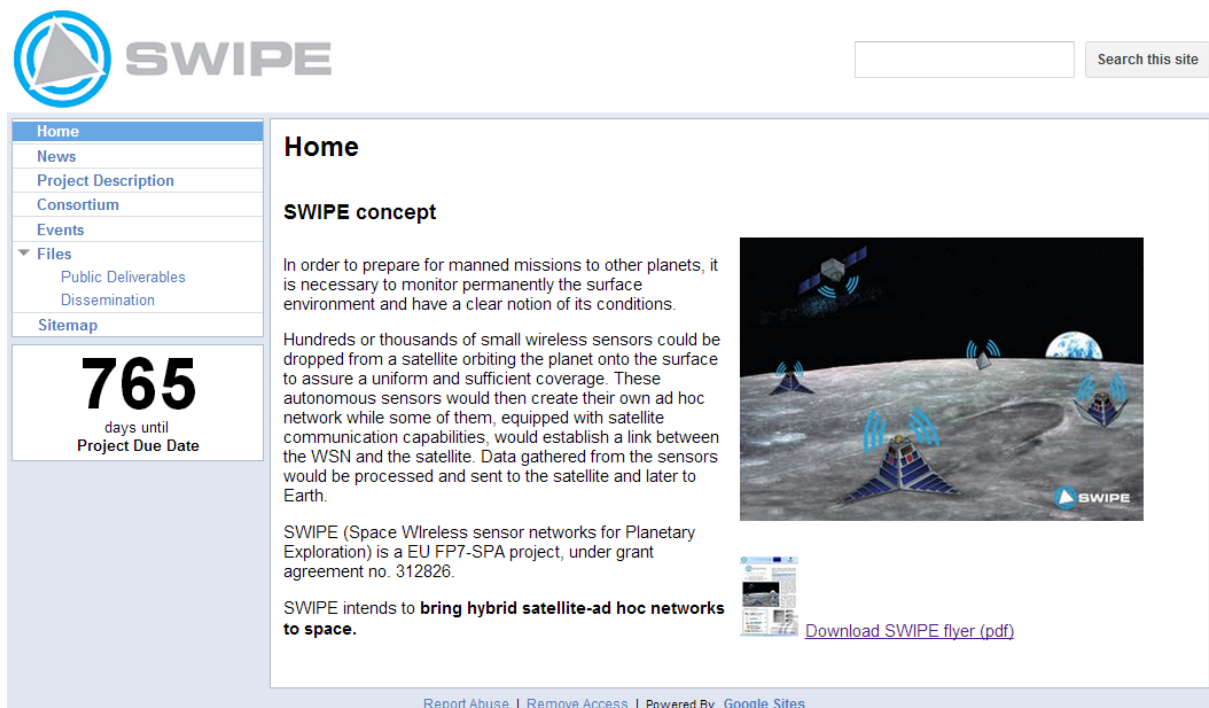


Figure 1 – Website homepage.

The website is being regularly updated to inform about the project latest news.

Regarding the everyday working among the partners, SWIPE consortium is using a sub-versioning (SVN) tool as file sharing system, which is a software versioning and revision control system. The SVN repository serves both as a collaborative tool for the partners and as a repository of all the documentation produced during the project history.

The SWIPE consortium decided to use SVN instead of a private section of the website in order to guarantee the versioning control and the document history maintenance: this increases the reliability of the uploaded information and facilitates the file sharing among the partners (possibility of locking files to avoid conflicts, reverting files to a previous version, etc.).

In the remainder of this chapter, we describe the various pages of the website (Section 2.1 and the related subsections), and the content management procedures, highlighting the partners involved in the upload of material to the website and the used tools (Section 2.2).

2.1 Website structure

This section shows the various pages of the SWIPE website, which contain all the information which is made available to the public audience.

2.1.1 Home

The Home section reports the SWIPE concept providing the main objective of the project and the general information. The homepage is reported in Figure 1.

Moreover, from the homepage, it is possible to download the SWIPE flyer, in pdf format.

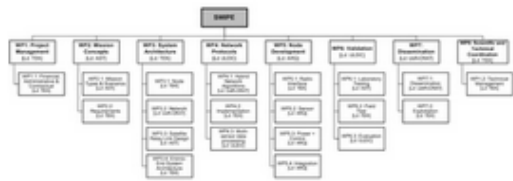
2.1.2 News

The News section contains information about the latest developments on the SWIPE project. For instance, it will make available to the public audience the most relevant results of the project, some milestones of the SWIPE research (e.g., development of the prototype), some news, also outside the project, regarding the topics of Wireless Sensor Networks applied to space environments, etc.

2.1.3 Project Description

The Project Description section reports the objectives and the expected results of the project. It reports the Work Breakdown Structure (WBS) of SWIPE as well.

Figure 2 shows the Project Description section:

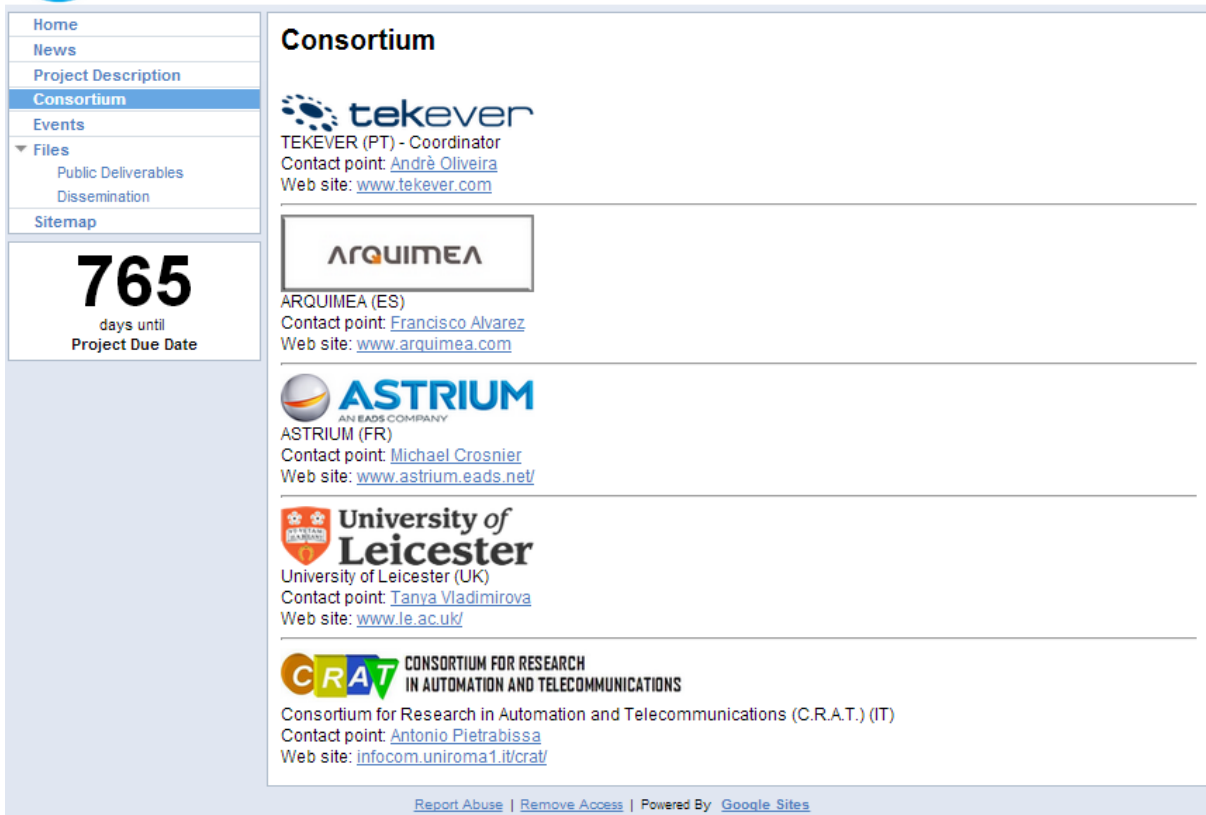
<ul style="list-style-type: none"> Home News <li style="background-color: #e0e0e0;">Project Description Consortium Events ▼ Files <ul style="list-style-type: none"> Public Deliverables Dissemination Sitemap <div style="text-align: center; border: 1px solid black; padding: 5px; margin-top: 10px;"> <h1 style="margin: 0;">765</h1> <p style="margin: 0; font-size: small;">days until Project Due Date</p> </div>	<h2 style="margin: 0;">Project Description</h2> <h3 style="margin: 10px 0 0 0;">Introduction</h3> <p>Ad-hoc networking technologies have a significant potential. They are crucial in case of absence of a fixed or reliable communication infrastructure, especially in remote regions where connectivity to the outside world has to be provided by some other means. Satellite communication is one of the solutions to provide this remote connectivity and sometimes the only solution. Current expectations dictate that satellites will be seen not only as a component of an alternative routing path but also as part of a unique (really integrated) system. Ad-hoc networking techniques are currently applied to Wireless Sensor Networks (WSNs), consisting of a set of spatially distributed autonomous sensors, which cooperate to monitor a certain physical or environmental condition and pass their data through a network to a central processing location.</p> <p>The Space Wireless sensor networks for Planetary Exploration (SWIPE) project intends to bring these two terrestrial technologies to space. In order to prepare for manned missions to other planets, the surface environment must be permanently monitored in order to have a clear notion of its conditions. Hundreds or thousands of small wireless sensors could be dropped from a satellite orbiting the planet onto the surface to assure a uniform and sufficient coverage. These autonomous sensors would then create their own ad-hoc network while some of them, equipped with satellite communication capabilities, would establish a link between the WSN and the satellite. Data gathered from the sensors would be processed and sent to the satellite and later to Earth.</p> <h3 style="margin: 10px 0 0 0;">Objectives</h3> <p>The main goal of SWIPE is to investigate the applicability of ad hoc networking to space addressing a planetary exploration scenario, based on a Wireless Sensor Network. In this context, the authors identified the following research objectives to be accomplished in the project:</p> <ul style="list-style-type: none"> To design the hybrid Satellite-WSN architecture for the planetary exploration. To design and develop energy-efficient WSN and ad-hoc routing algorithms applied to this hybrid network. To design and develop multi-sensor data processing and data fusion techniques. To develop the sensor node, using a Software Defined Radio (SDR) approach. <h3 style="margin: 10px 0 0 0;">Work Breakdown Structure</h3> <p>The project implementation is structured in 8 work packages, as shown in the following WBS:</p> 
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Figure 2 – Project Description website section.

2.1.4 Consortium

The Consortium section reports the list of partners belonging to the SWIPE consortium, highlighting, for each of them, the contact point, the role in the project (if coordinator) and the official website. Figure 3 illustrates the Consortium web page:



The screenshot shows the Consortium website section. On the left is a navigation menu with links: Home, News, Project Description, Consortium (highlighted), Events, Files (with sub-links for Public Deliverables and Dissemination), and Sitemap. Below the menu is a large number '765' with the text 'days until Project Due Date'. The main content area is titled 'Consortium' and lists five partners, each with their logo, name, and contact information:

- tekever**: TEKEVER (PT) - Coordinator. Contact point: [Andr  Oliveira](#). Web site: www.tekever.com
- ARQUIMEA**: ARQUIMEA (ES). Contact point: [Francisco Alvarez](#). Web site: www.arquimea.com
- ASTRIUM**: AN EADS COMPANY. ASTRIUM (FR). Contact point: [Michael Crosnier](#). Web site: www.astrium.eads.net/
- University of Leicester**: University of Leicester (UK). Contact point: [Tanya Vladimirova](#). Web site: www.le.ac.uk/
- CRAT**: CONSORTIUM FOR RESEARCH IN AUTOMATION AND TELECOMMUNICATIONS. Consortium for Research in Automation and Telecommunications (C.R.A.T.) (IT). Contact point: [Antonio Pietrabissa](#). Web site: infocom.uniroma1.it/crat/

At the bottom of the page are links for 'Report Abuse', 'Remove Access', and 'Powered By Google Sites'.

Figure 3 – Consortium website section.

2.1.5 Events

This section contains the list of all the SWIPE related events, such as scheduled events related to SWIPE and events which SWIPE partners will attend and/or organize (basically meetings open to public, or dissemination events). The following figure shows such section:



The screenshot shows the Events website section. On the left is a navigation menu with links: Home, News, Project Description, Consortium, Events (highlighted), Files (with sub-links for Public Deliverables and Dissemination), and Sitemap. Below the menu is a large number '765' with the text 'days until Project Due Date'. The main content area is titled 'Events' and contains the following text:

The SWIPE Kick off meeting was held on the 18th of April, 2013, at REA premises in Brussels, Belgium (Place Rogier).

[NEW] The SWIPE concept, as well as the first results of the project, will be presented at the **64th International Astronautical Congress (IAC 2013)**, Beijing, China, 23 -27 September 2013.

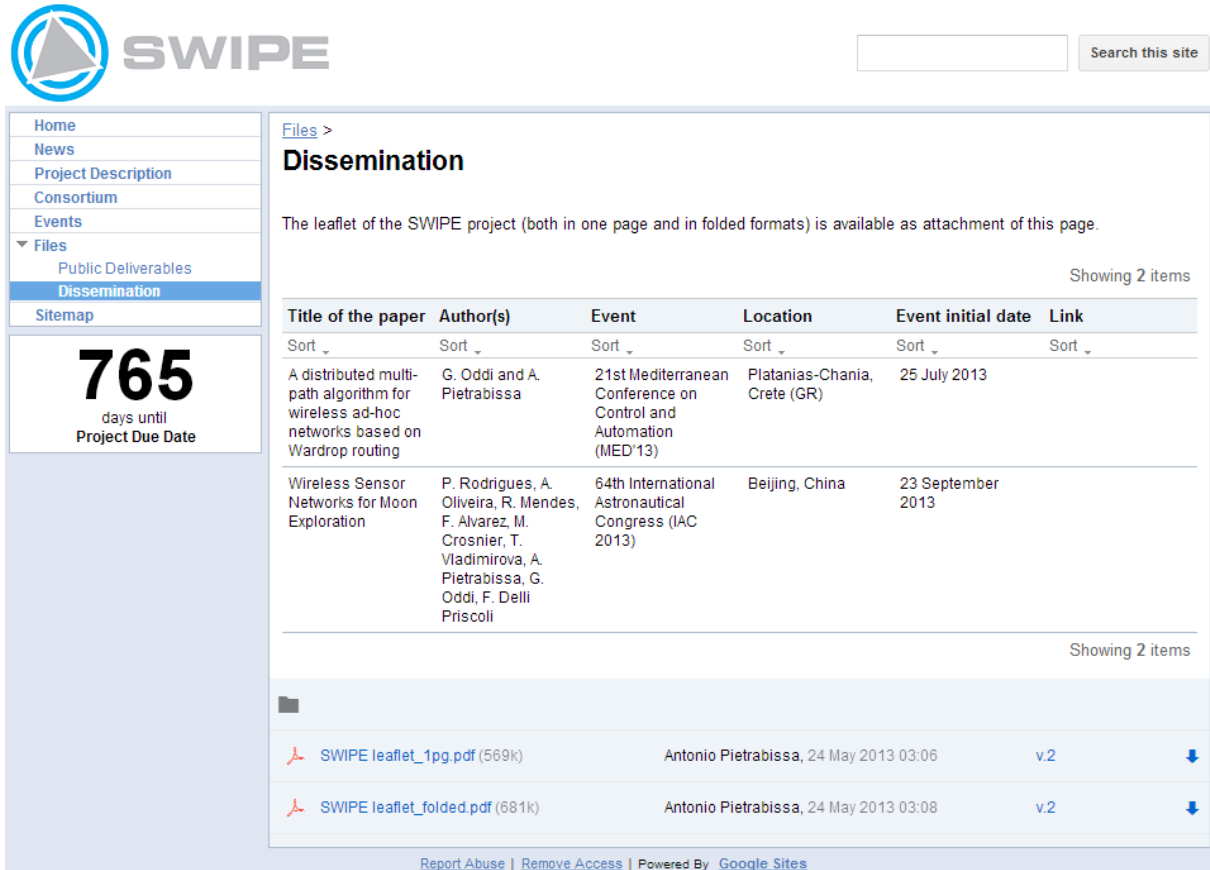
At the bottom of the page are links for 'Report Abuse', 'Remove Access', and 'Powered By Google Sites'.

Figure 4 – Events website section.

2.1.6 Files

This section is composed by two subsections:

- Public Deliverables
- Dissemination



Home
 News
 Project Description
 Consortium
 Events
 Files
 Public Deliverables
Dissemination
 Sitemap

765
 days until
 Project Due Date

Files >
Dissemination

The leaflet of the SWIPE project (both in one page and in folded formats) is available as attachment of this page.

Showing 2 items

Title of the paper	Author(s)	Event	Location	Event initial date	Link
A distributed multi-path algorithm for wireless ad-hoc networks based on Wardrop routing	G. Oddi and A. Pietrabissa	21st Mediterranean Conference on Control and Automation (MED'13)	Platanias-Chania, Crete (GR)	25 July 2013	
Wireless Sensor Networks for Moon Exploration	P. Rodrigues, A. Oliveira, R. Mendes, F. Alvarez, M. Crosnier, T. Vladimirova, A. Pietrabissa, G. Oddi, F. Delli Priscoli	64th International Astronautical Congress (IAC 2013)	Beijing, China	23 September 2013	

Showing 2 items

- SWIPE leaflet_1pg.pdf (569k) Antonio Pietrabissa, 24 May 2013 03:06 v.2
- SWIPE leaflet_folded.pdf (681k) Antonio Pietrabissa, 24 May 2013 03:08 v.2

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Figure 5 – Dissemination website section.

2.1.6.1 Public Deliverables

The Public Deliverables section reports the deliverables which are at Public Dissemination (PU) level and could be shared with the public audience. The documents will be uploaded to this section when they become available.

2.1.6.2 Dissemination

The Dissemination section contains:

- The SWIPE leaflet which summarizes the concept and the objectives of the project (available in pdf format, both in the one page version and in the folded version). Those documents are available as attachments.
- The list of papers which are accepted and/or presented to national and international conferences and journals, in the topics of interest for SWIPE.

Figure 5 shows the Dissemination page.

2.1.7 Sitemap

The Sitemap section contains the index of the website pages.

2.2 Content management

2.2.1 Content management tool

The content, relevant for the SWIPE dissemination, is uploaded to the SWIPE website through the utilization of the tools provided by Google (<http://sites.google.com>).

The permission for the update of the website is given to the SWIPE coordinator (TEK) and to UoR-CRAT and the access is governed by a password. All the partners generate the content to be disseminated through the website and deliver the content to the partners enabled to upload information.

Of particular interest are the following features to update and personalize the website:

- *Add a new page* to the web site: once logged, it is possible to add a new page to the website by clicking on the New page icon, on top on the screen (see Figure 6). There are many different pre-formatted page models which can be easily adopted for the site as well as it is possible to create a personalized web page (for instance using HTML code).

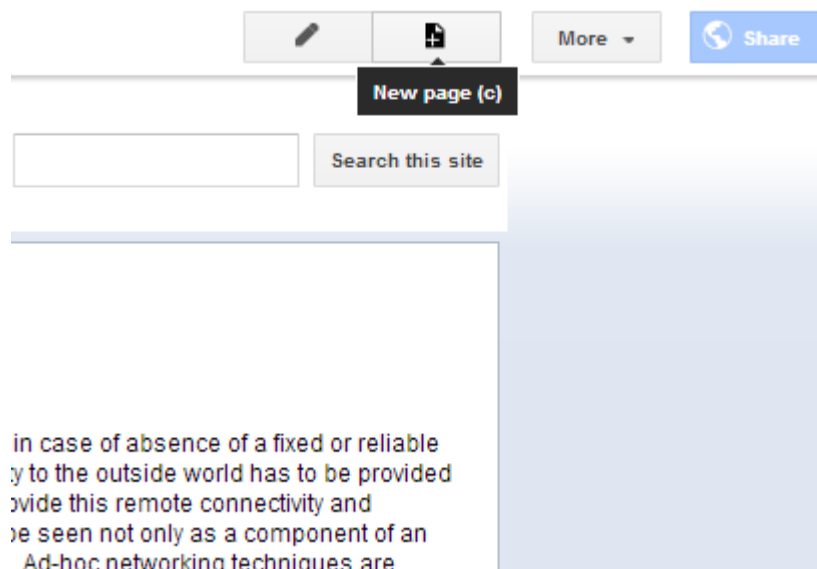


Figure 6 – Add a new page.

- *Edit a page*: once a page is successfully created, this page can be modified by clicking on the Edit page button (see Figure 7). A row with the tools to insert content in the page appears (see Figure 8). Using those tools, it is possible to add whatever type of content: text, audio, video (e.g. Youtube), attached files, links, HTML native code, scripts, Google maps, etc.).

Finally, from the More menu (see Figure 6) it is possible to manage the whole website, for instance moving, renaming or deleting pages, etc.

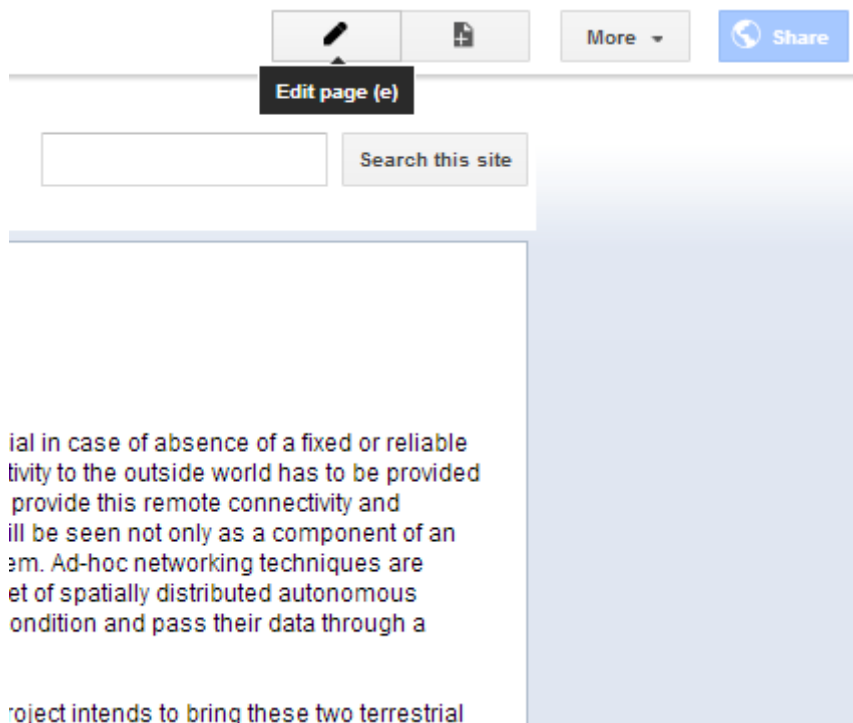


Figure 7 – Edit a page.

Project Description

Insert Format Table Layout



Figure 8 – Tools for page editing.

3 Logo

The logo is a primary technique which is of a vital importance to aid and promote instant public recognition. The main SWIPE logo is reported in the following figure:



Figure 9 – SWIPE logo.

Section 3.1 reports the guidelines of usage of the SWIPE logo, in terms of format and colour rules.

3.1 Usage guidelines

3.1.1 Minimum distance

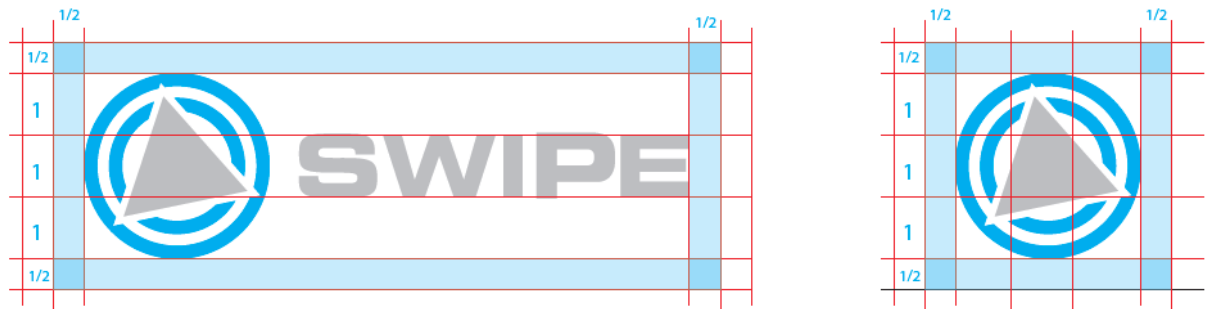


Figure 10 – Logo minimum distance.

3.1.2 Solid colours



Figure 11 – Logo solid colours.

3.1.3 Dark background

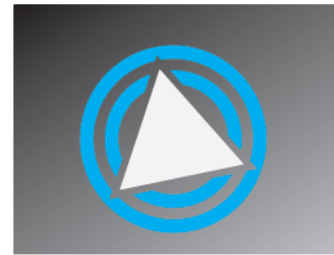


Figure 12 – Logo dark background.

3.1.4 Solid white



Figure 13 – Logo solid white.

3.1.5 Solid white for photo background



Figure 14 – Logo solid white for photo background.

3.1.6 Colours



	CYMK: 100, 0, 0, 0		PANTONE: 638 U		#00ADEF
	CYMK: 0, 0, 0, 30		PANTONE: 420 U		#BBBDC0



	CYMK: 0, 0, 0, 0		#000000
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Figure 15 – Logo colours.

Don't use gradients, dropshadows or bevels:

**Figure 16 – Logo gradient, dropshadows and bevels guidelines.**

Don't invert or change colours:

**Figure 17 – Logo colour inversion.**

3.1.7 Logo distortions

Don't distort the logo:

**Figure 18 – Logo distortions.**