

RESISTO: D10.3_PROJECT WEB SITE



RESISTO

D10.3 – PROJECT WEB SITE

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RESISTO PROJECT – PUBLISHABLE EXTENDED ABSTRACT

Communications play a fundamental role in the economic and social well-being of the citizens and on operations of most of the CIs. Thus they are a primary target for criminals having a multiplier effect on the power of attacks and providing enormous resonance and gains. Also extreme weather events and natural disasters represents a challenge due to their increase in frequency and intensity requiring smarter resilience of the Communication CIs, which are extremely vulnerable due to the ever-increasing complexity of the architecture also in light of the evolution towards 5G, the extensive use of programmable platforms and exponential growth of connected devices. The fact that most enterprises still manage physical and cyber security independently represents a further challenge. RESISTO platform is an innovative solution for Communication CIs holistic situation awareness and enhanced resilience (aligned with ECSO objectives). Based on an Integrated Risk and Resilience analysis management and improvement process availing all resilience cycle phases (prepare, prevent, detect, absorb, etc.) and technical resilience capabilities (sense, model, infer, act, adopt), RESISTO implements an innovative Decision Support System to protect communication infrastructures from combined cyber-physical threats exploiting the Software Defined Security model on a suite of state of the art cyber/physical security components (Blockchain, Machine Learning, IoT security, Airborne threat detection, holistic audio-video analytics) and services (Responsible Disclosure Framework) for detection and reaction in presence of attacks or natural disasters. Through RESISTO Communications Operators, will be able to implement a set of mitigation actions and countermeasures that significantly reduce the impact of negative events in terms of performance losses, social consequences, and cascading effects in particular by bouncing efficiently back to original and forward to operational states of operation.

EXECUTIVE SUMMARY

This deliverable contains the first release of the website developed for RESISTO project. It contains a description of the map of the website and of all the pages and sections in it.

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1. INTRODUCTION

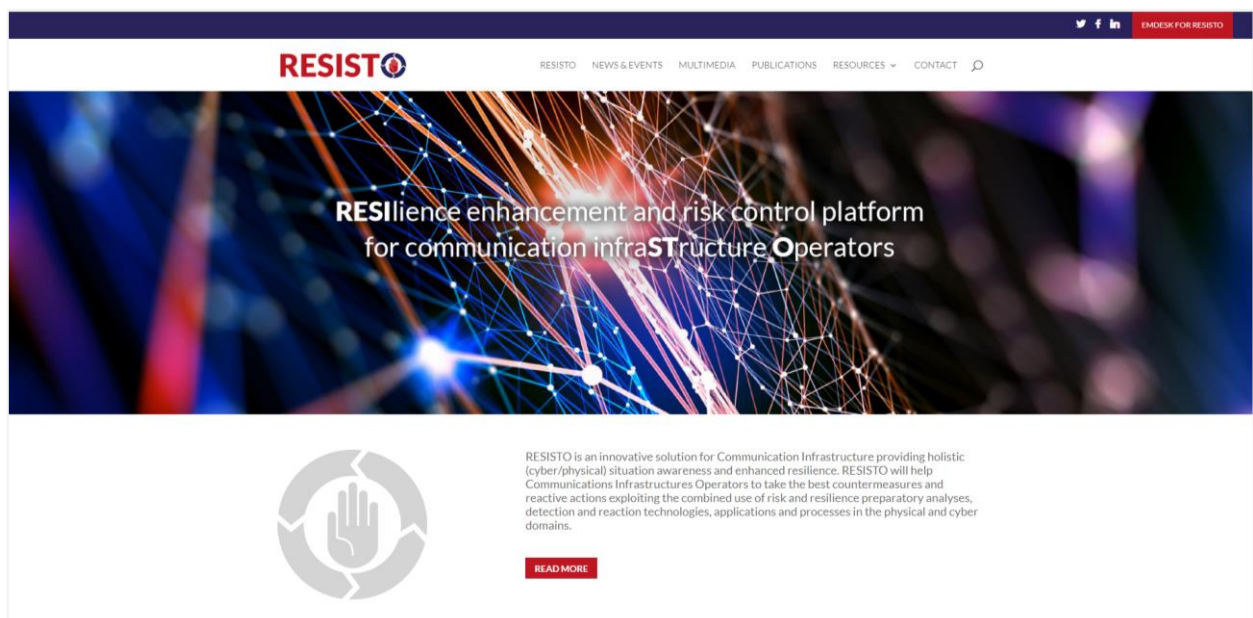
The project website represents a crucial instrument of communication and propagation for the project. For this reason a great emphasis will be put on its development as it has been created with a dynamic and user-oriented approach.

It will be a tool for visibility and generated by the project. The purpose of the website will be to become the main reference point for information regarding RESISTO at the European level, both within and outside the network of the project. The responsible for the website is APRE and the contents will be delivered by APRE with the contribution of other partners. Moreover, the website will be created in accordance with the visual identity developed by APRE.

In order to reach the goal of being the main source of information about RESISTO at the European Level, the news will be reported on the website based on their relevance and added value. All relevant information about the project and related initiatives will be provided through user-friendly format and tools.

The content of the website will be constantly updated.

- Users will be asked to subscribe to access to this dedicated workspace. A database of users will also be established, with newsletters informing them about the multiple projects initiatives.
- Events and other RESISTO related initiatives (workshops etc.) will be organized and registration will be made through the website.
- Moreover the website will include in a specific repository the Multiplicator Reports.



Before launching the website, a project landing Page was created in order to provide, from the earlier stage, with the diffusion of basic news about the project, its objectives and its services. The website has been launched by M2, in June 2018 based on a website specifications document developed and maintained by APRE. The dedicated RESISTO website will be the main dissemination reference with information about the project, objectives, partners, results etc.

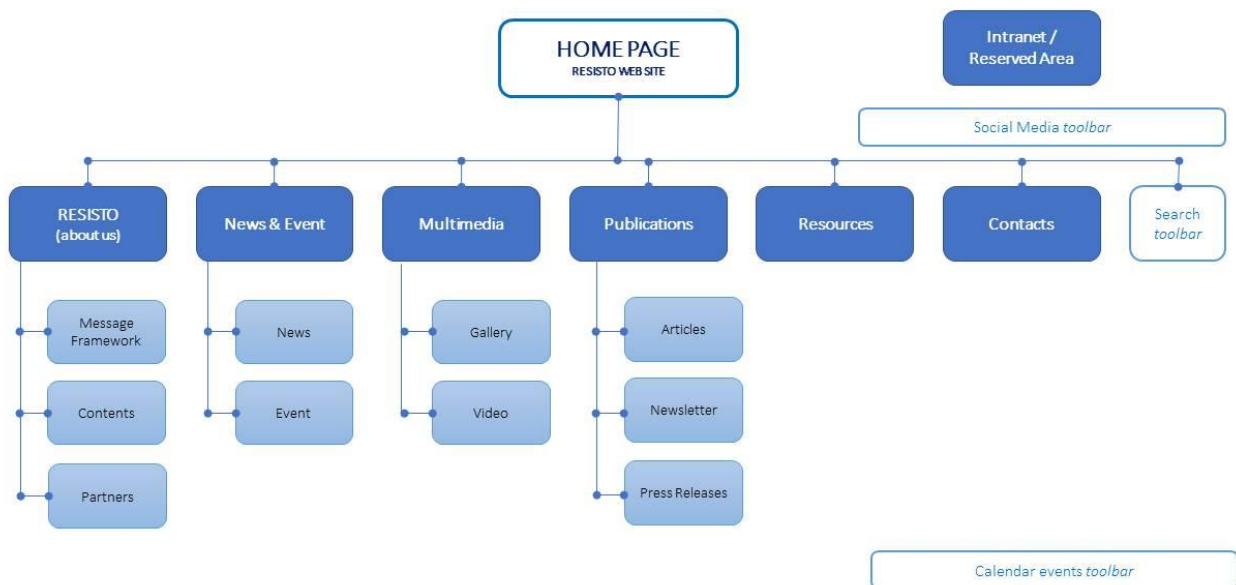
A blog will provide regular updates about the project, interesting news and promote key message. The website include a subscription to project updates forms.

The concept of the website has been conceived as follows:

1.1 Website Map

The website <http://www.resistoproject.eu/> was designed with a view to maximizing the communication and dissemination effort through a design as much as possible based on user experience premises. Visual was declined accordingly. The entire graphics - as well as any visual element on the website recalling the project and its services - responds to the corporate identity manual from the approved guidelines (brand identity) .

The RESISTO website overall structure is based on the following Map. Contents and materials are published and stored accordingly.



2. CREATION AND MAINTENANCE OF THE WEBSITE

For the project to be visible online and to provide a contact point from the very beginning, a temporary landing page was set and realized and released by APRE. The landing page was realised in the beginning of M2 and the RESISTO website was released at the end of M2.

The RESISTO landing page was circulated in any communication prior to the website release and specifically contained a countdown for the launch of the final version of the website.


The RESISTO website is online at the following direction: <http://www.resistoproject.eu/>

In relation to maintenance, APRE has overseen providing contents and guidelines for publications, and has been taking care for content uploading and publishing as well as for the overall technical maintenance. In the following, the structure (website map) and main features of the website are presented.

2.1 Homepage as project entry point

As shown from the website Map, the Homepage serves as an entry point to all relevant sections. All the access points are provided in the horizontal menu, while visual evidence through dedicated sections are provided when scrolling the homepage, as follows.

2.2 The overall project presentation



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FACTS AND FIGURES OF THE RESISTO PROJECT

Duration: 3 years

Budget: 10M€ funded by the European Commission at 8M€

Consortium: 19 partners | 3 Large Enterprises, 6 Communication Infrastructure Operators Practitioners, 5 RTOs/Universities, 5 SMEs

THE PROJECT

Communications play a fundamental role in the economic and social well-being of the citizens and on operations of most of the CIs. Thus they are a primary target for criminals having a multiplier effect on the power of attacks and providing enormous resonance and gains. Also extreme weather events and natural disasters represents a challenge due to their increase in frequency and intensity requiring smarter resilience of the Communication CIs, which are extremely vulnerable due to the ever-increasing complexity of the architecture also in light of the evolution towards 5G, the extensive use of programmable platforms and exponential growth of connected devices. The fact that most enterprises still manage physical and cyber security independently represents a further challenge.

RESISTO platform is an **Innovative solution** for Communication CIs holistic situation awareness and enhanced resilience (aligned with ECSO objectives). Based on an **Integrated Risk and Resilience analysis management and improvement process** availing all resilience cycle phases (prepare, prevent, detect, absorb, etc.) and technical resilience capabilities (sense, model, infer, act, adopt), **RESISTO** implements an innovative **Decision Support System** to protect communication infrastructures from combined cyber-physical threats exploiting the **Software Defined Security** model on a suite of state of the art cyber/physical security components (Blockchain, Machine Learning, IoT security, Airborne threat detection, holistic audio-video analytics) and services (Responsible Disclosure Framework) for detection and reaction in presence of attacks or natural disasters.

Through **RESISTO, Communications Operators** will be able to implement a set of mitigation actions and countermeasures that significantly reduce the impact of negative events in terms of performance losses, social consequences, and cascading effects in particular by bouncing efficiently back to original and forward to operational states of operation.

The RESISTO project will foster the following key innovation areas:

1. Enlarged Threat Landscape considered (Cyber/Phy/ Cyber+Phy)
2. Holistic approach to System Modelling
3. Integrated Risk and Resilience management
4. Convergence of PSIM and Cyber Protection technology
5. Perspective: new challenges posed by 5G evolution (IoT/IoE, LPWAN)
6. New Technology for detection/protection/response (blockchain, drones, machine learning algorithms, software defined security)
7. Cyber Intelligence

OBJECTIVE

Objective #1

Help managers of Communication CIs to guarantee improved business and asset continuity, delivering an innovative platform for optimized decision support in the face of physical, cyber and combined cyber-physical

Objective #2

Develop an Integrated Risk and Resilience analysis and management tool, that takes account of cyber and/or physical threats and disruptions jointly at the level of telecommunication service functions and performance functions

Objective #3

Provide, experiment and assess a suite of innovative cyber/physical security solutions for prevention, protection, detection and reaction that can deliver unprecedented cost-effective performances in a holistic technology framework

Objective #4

Support a progressive adoption path for the RESISTO platform and services through extensive validation in relevant use cases for Communication Infrastructure protection (TRL 7) directly involving relevant Communication CI operators, arising awareness and promoting a joint approach to resilience

Objective #5

Contribute to the European Programme for Critical Infrastructure Protection and to the objectives of the Cybersecurity Strategy of the European Union (as well as convergence of safety and security standards and Directive 2009/140 EC regulatory framework for electronic communications networks and services)




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2.3 News and Events


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LATEST NEWS & EVENTS



RESISTO OFFICIALLY STARTED!
 Jun 14, 2018 | news&events
 On the 14th and 15th of May, the kick off meeting of RESISTO project has been organized to officially start the activities. The meeting represented an important opportunity for launching RESISTO, to know each partner and establish team's...
[read more](#)

JULY

KICK-OFF MEETING
 RESISTO OFFICIALLY STARTED







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2.4 Multimedia





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GALLERY

KICK OFF MEETING



VIDEO



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2.5 Publications

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2.6 Resources (Project Documentation)


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[COMMUNICATION MATERIALS](#)
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Showing 1 to 20 of 20 entries

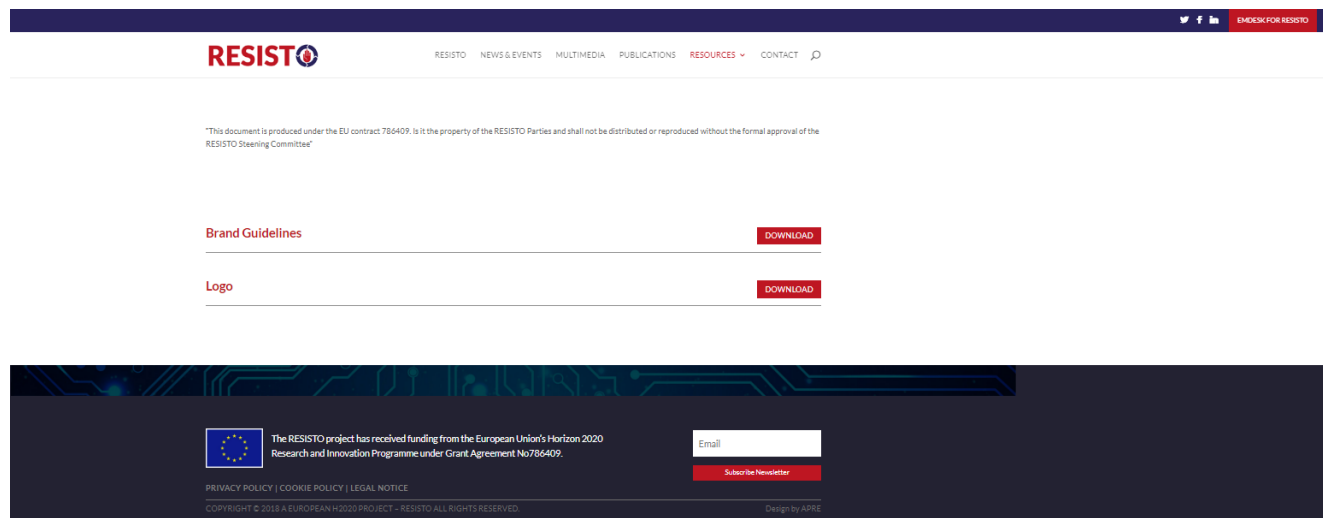


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2.7 Resources (Communication Materials)



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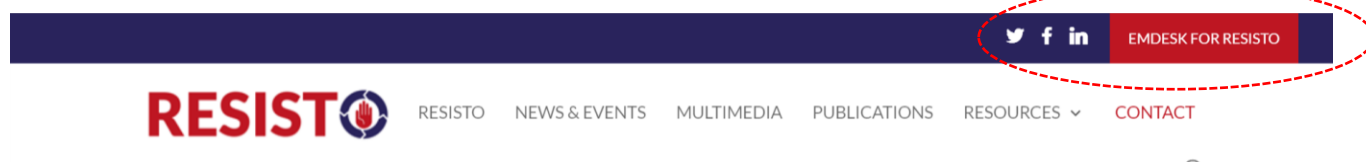
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2.8 Social Toolbar – EMDESK Button



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EMDESK is a **web-based collaboration and project management product** developed especially for European research projects. An **integrated and secure** platform, EMDESK supports the **entire project life-cycle** with essentially three function areas. The Implementation functions enable controlling project progress against plan data. Its product features facilitate the reporting of costs, efforts and deliverables for our project. The Collaboration functions facilitate the communication and collaboration in the consortium through e.g. mailing lists, a document manager and shared calendar.

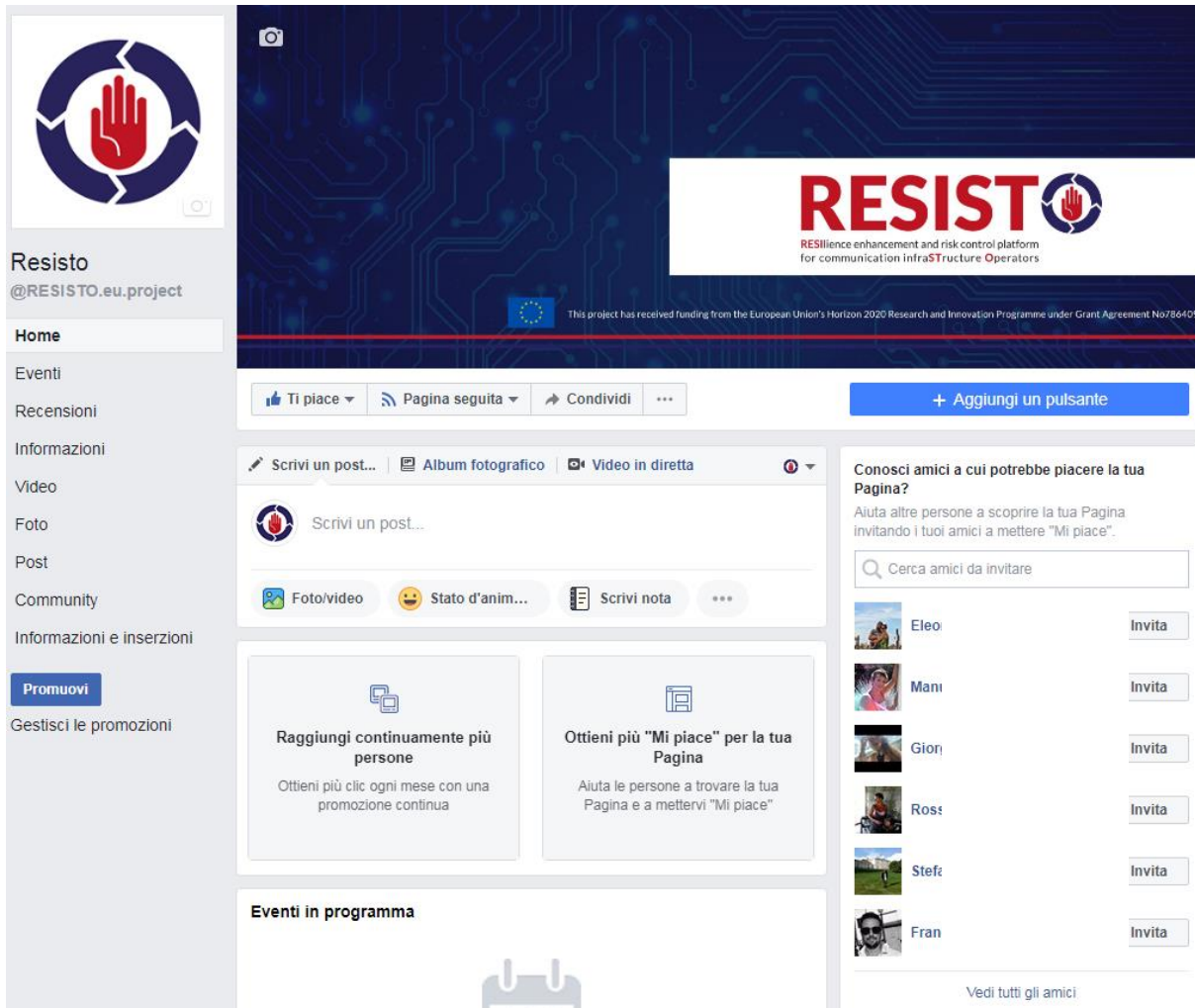
2.9 Social Page

Accounts will be created on the major social media networks to disseminate information the project, issue project updates, form communities of interest and interact with stakeholders. Social media content strategy will be covered in the dissemination plan.

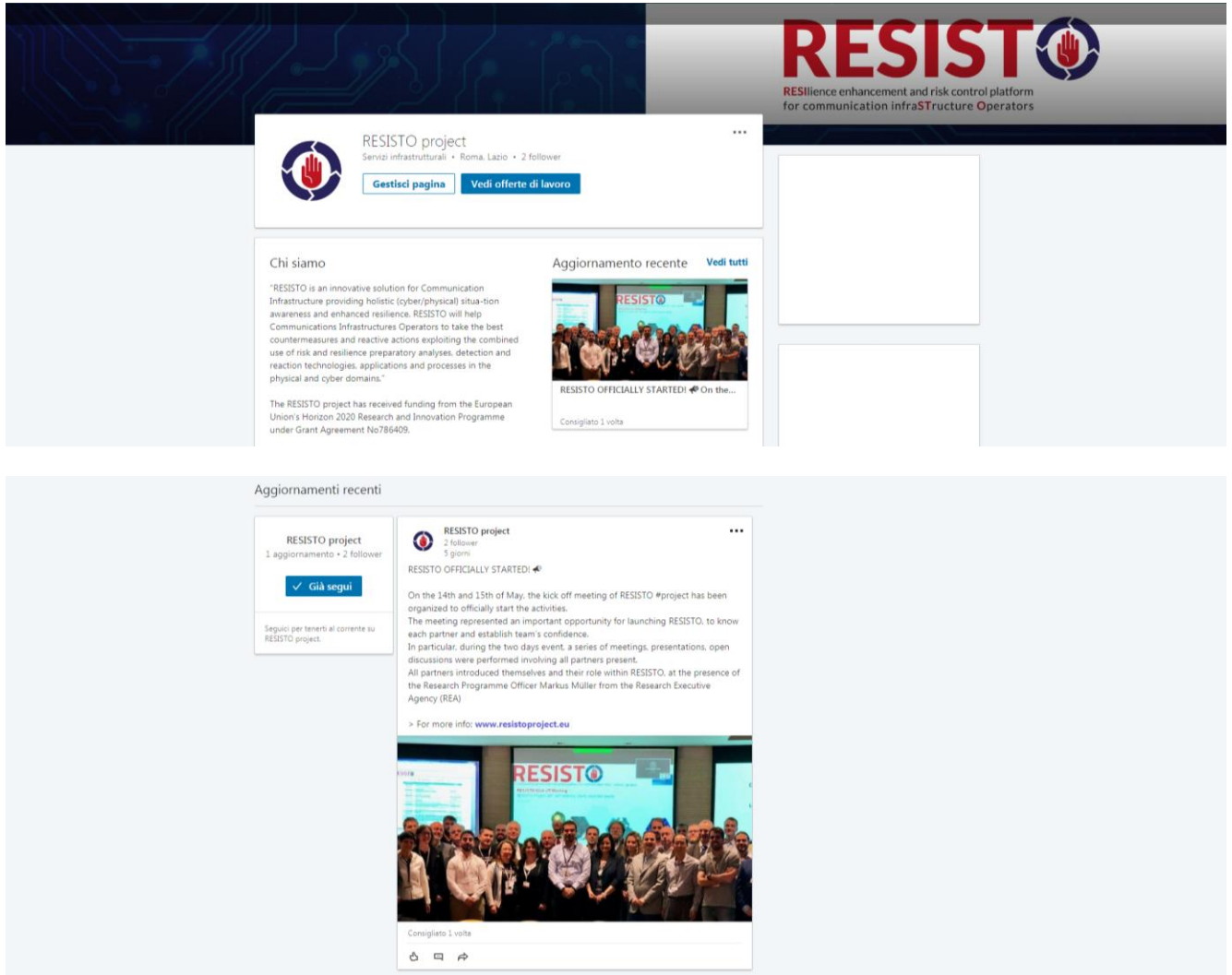
2.9.1 Twitter






2.9.2 Facebook




2.9.3 LinkedIn




2.10 Contact us

 EMDESK FOR RESISTO

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CONTACT

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and Project Manager**
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Your Email

Type of request

☐ Request for more information

☐ Signal an incorrect content


☐ To contact RESISTO Project Manager

Subject

Your Message

Privacy ☐ I agree to the Terms and Conditions

SEND



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2.11 Consortium and Horizon 2020 disclaimer

RESISTO website include the EU emblem and the following acknowledgement: “This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 786409.” It also include all the logos of all the member of the project consortium with links landing to each partner website.

OUR PARTNERS

(RM3 third party) is responsible of Dissemination, Communication and awareness raising activities

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3. REFERENCES

INDEX	REFERENCE
[Ref1]	RESISTO – Grant Agreement. Project Starting Date: May, 1 st 2018