Information and Communication Technologies (ICT) Programme

Project N°: H2020-ICT-2016-1-732105

D7.1: CERBERO Website

Lead Beneficiary: UNISS
Workpackage: WP7
Date: 24/05/2017
Distribution – Confidentiality: Public

Abstract:

This document presents the website that we constructed to disseminate CERBERO results.

Disclaimer

The CERBERO Consortium is the following:

Num.	Beneficiary name	Acronym	Country
1 (Coord.)	IBM Israel – Science and Technology LTD	IBM	IL
2	Università degli Studi di Sassari	UniSS	IT
3	Thales Alenia Space España, SA	TASE	ES
4	Università degli Studi di Cagliari	UniCA	IT
5	Institute National des Sciences Appliquées de Rennes	INSA	FR
6	Universidad Politécnica de Madrid	UPM	ES
7	Università della Svizzera Italiana	USI	CH
8	Abinsula SRL	AI	IT
9	AmbieSense LTD	AS	UK
10	Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Ondeerzoek TNO	TNO	NL
11	Science and Technology	S&T	NL
12	Centro Ricerche FIAT	CRF	IT

For the CERBERO Consortium, please see the http://cerbero-h2020.eu web-site.

Document Authors

The following list of authors reflects the major contribution to the writing of the document.

Name(s)	Organization Acronym
Luca Pulina, Francesca Palumbo	UniSS
Tiziana Fanni, Carlo Sau	UniCA
Michael Masin	IBM

Document Revision History

Date	Ver.	Contributor (Beneficiary)	Summary of main changes
31/01/2017		UniSS	Website On Line
24/05/2017	V0.1	UniSS, UniCA	Initial draft of the Website associated report
25/05/2017	V0.1	USI	Comments and Review
30/05/17	V0.2	UNISS	New release for final approval

Table of contents

1. Executive Summary 5
1.1. Related Documents 5
2. CERBERO website 6
2.1. The Project 7
2.2. Dissemination 9
2.3. Events 10
2.4. Communication 10
2.5. CPS Summer School 10
3. References 11

1. Executive Summary

This deliverable presents the main structure of the first release of the CERBERO website, by means of few screenshots and links to its page.

1.1. Related Documents

- Deliverable D1.1: Kick-off Progress Report
- Deliverable D2.1a: CERBERO Scenarios Description
- Deliverable D7.2a: CERBERO Dissemination and Communication Plan

2. CERBERO website

CERBERO website is http://www.cerbero-h2020.eu/

The Home Page [1] includes (see Figure 1) a brief introduction to the CERBERO Project: "*The Cross-layer modEl-based fRamework for multi-oBjective dEsign of Reconfigurable systems in unceRtain hybRid envirOnments (CERBERO) project aims at developing a design environment for CPS based of two pillars: a cross-layer model based approach to describe, optimize, and analyze the system and all its different views concurrently; an advanced adaptivity support based on a multi-layer autonomous engine. To overcome the limit of current tools, CERBERO provides: libraries of generic Key Performance Indicators for reconfigurable CPSs in hybrid/uncertain environments; novel formal and simulation-based methods; a continuous design environment guaranteeing early-stage analysis and optimization of functional and non-functional requirements, including energy, reliability and security.*" It also shows (see Figure 2) CERBERO Project information and its key personnel, representing the project core and leading team.

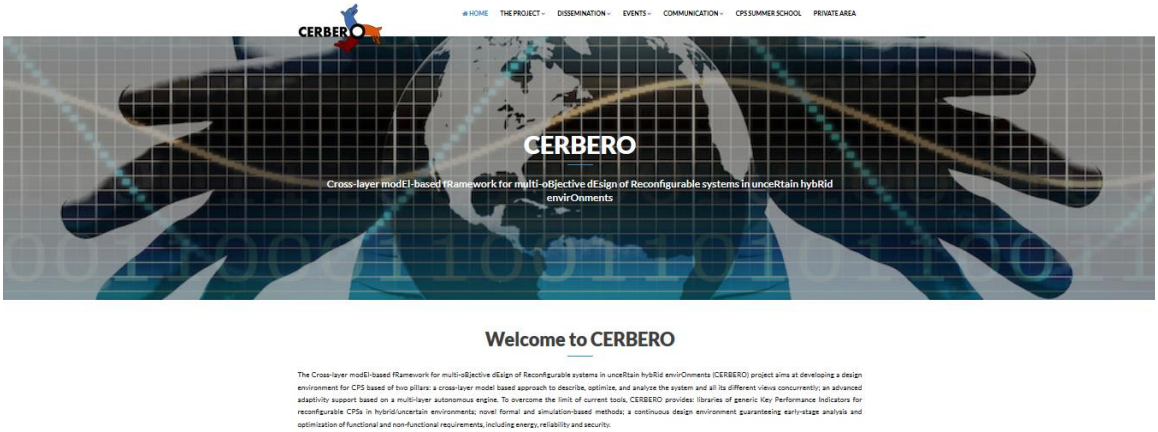


Figure 1 CERBERO Home Page

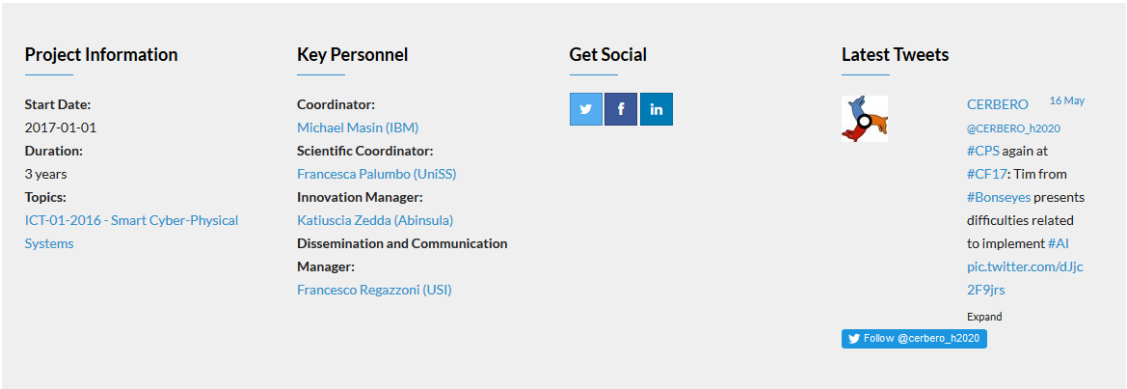


Figure 2 – Information, Core Team and Shortcuts to social profiles.

Moreover, the social profiles of the CERBERO project and the latest tweets regarding CERBERO are available at the bottom of the main page.

The following sections describe the website pages.

2.1. The Project

The Project Overview [2] (see Figure 3) page describes briefly the technological background of the CERBERO project: "*ICT is embedded and pervasive into our daily lives. The notion of Cyber Physical Systems (CPS) has emerged: embedded computational collaborating devices, capable of controlling physical elements and responding to humans. The Cross-layer modEl-based fRamework for multi-oBjective dEsign of Reconfigurable systems in unceRtain hybRid envirOnments (CERBERO) project aims at developing a design environment for CPS based of two pillars: a cross-layer model based approach to describe, optimize, and analyze the system and all its different views concurrently; an advanced adaptivity support based on a multi-layer autonomous engine. To overcome the limit of current tools, CERBERO provides: libraries of generic Key Performance Indicators for reconfigurable CPSs in hybrid/uncertain environments; novel formal and simulation-based methods; a continuous design environment guaranteeing early-stage analysis and optimization of functional and non-functional requirements, including energy, reliability and security.*". It provides also a brief description of the project pillars, indicating in which WPs they will be addressed.

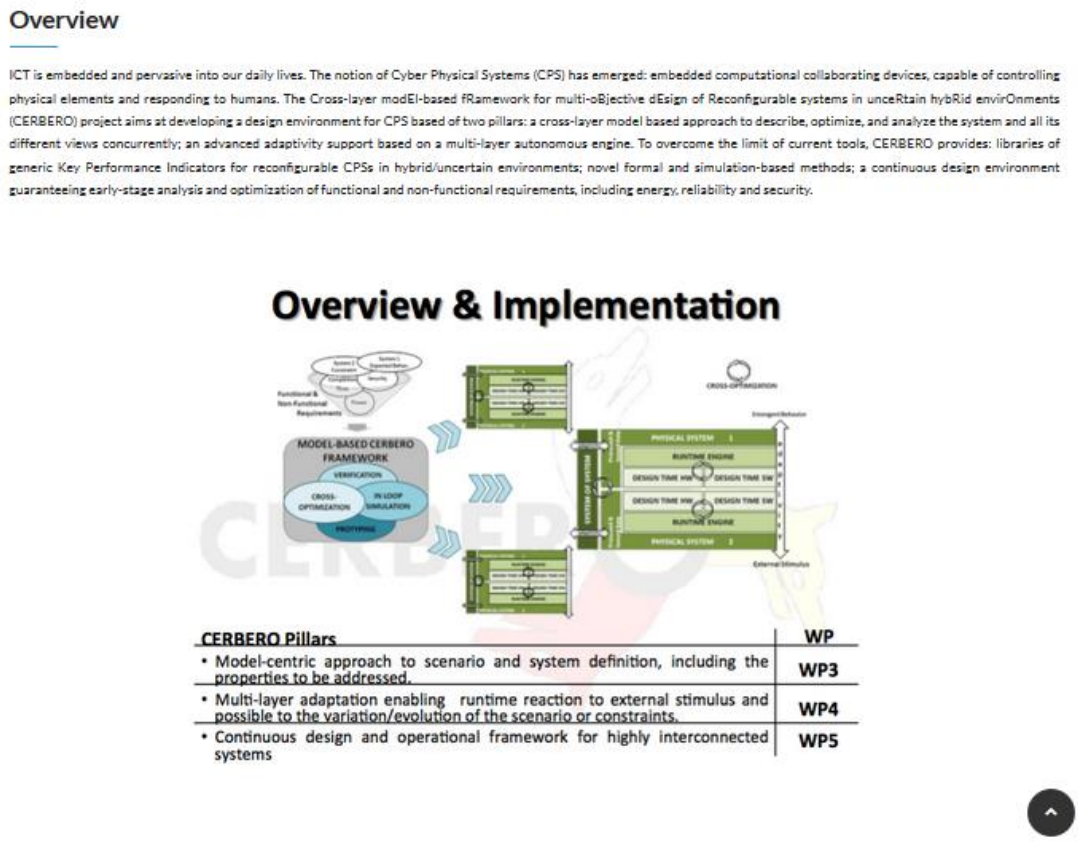


Figure 3 – CERBERO Overview and Pillars.

The Project Participants [3] (see Figure 4) page shows the list of the participants to the CERBERO project with an interactive map, where countries of beneficiaries are highlighted in different colours. For each country, it is possible to separately select the beneficiaries and to open the related people page, which includes the short biography of each key personnel involved in the project.

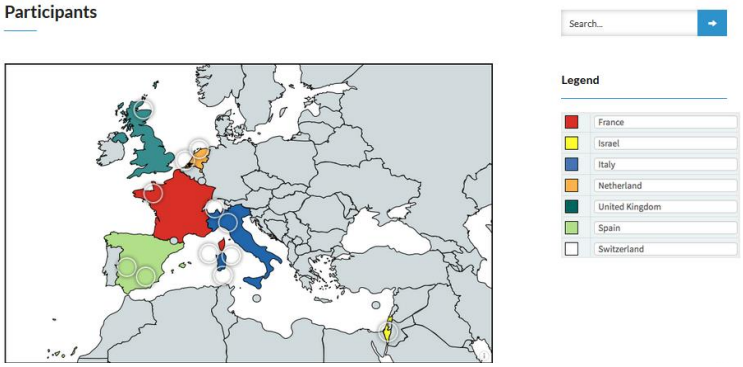


Figure 4 – Involved Countries.

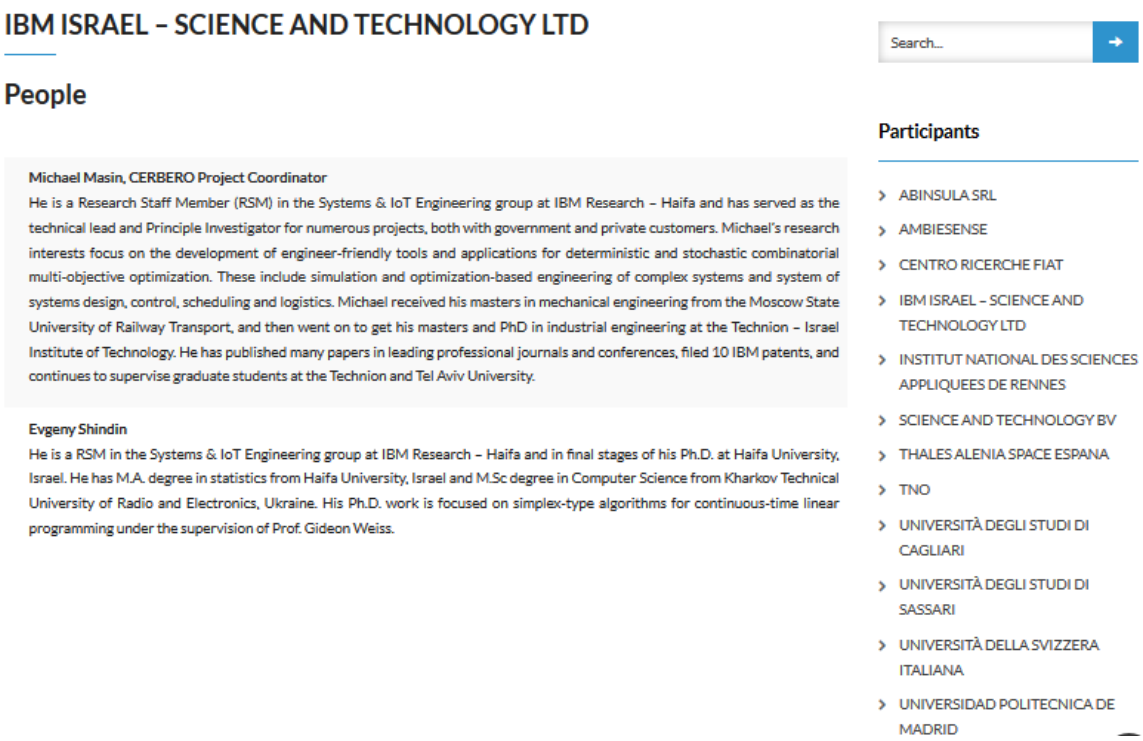


Figure 5 – Key Personnel per Participant

Finally, the Project Use Cases [4] page shows a brief description of each CERBERO use case. A complete description of the use cases is provided in deliverable D2.1a.

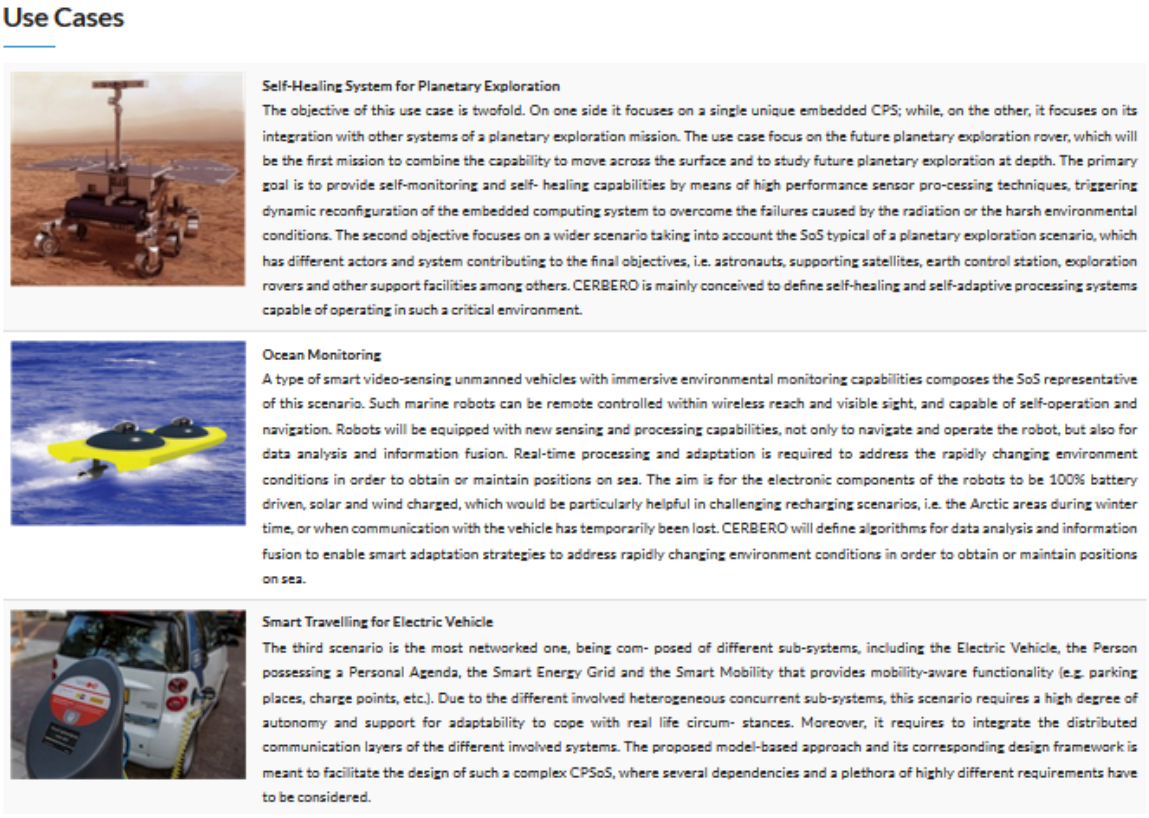


Figure 6 – CERBERO Use Cases.

2.2. Dissemination

The Dissemination page depicts the activities related to the dissemination of CERBERO related information. In particular, this section includes:

- the list of the Deliverables [5] that have already been submitted to the EC. Public deliverables will be made available here.
- the list of the Publications [6] on CERBERO activities once available. According to the open access policy chosen (gold or green) publications will be made available here.
- CERBERO Glossary [7] of the keywords. In this page, we intend to define all the relevant keywords for the CERBERO project and the Cyber-Physical System domain in general.

This page will be continuously updated with new contents.

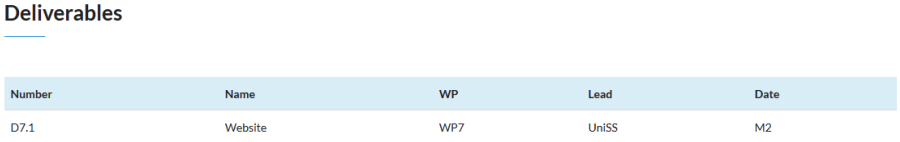


Figure 7 – Dissemination: deliverables.

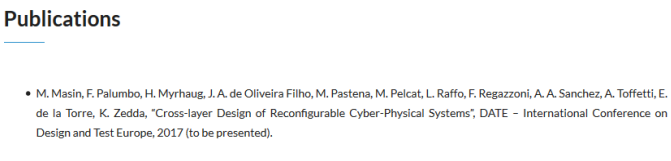


Figure 8 - Dissemination: publications.

Figure 9 - Dissemination: glossary.

2.3. Events

The Events page in the CERBERO website will include the list of relevant Industrial [8] and Research [9] events, where CERBERO members are involved as participants or as organizers.

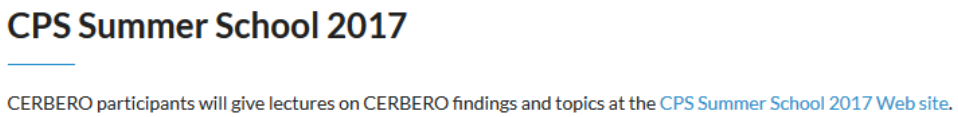
Moreover, Consortium Meetings [10] will also be included in this list.

2.4. Communication

This page is basically connected to traditional communication means. It collects all the audio and video material related to CERBERO events (Multimedia [11]) and the links to the newspaper articles dealing with CERBERO or mentioning the project (Press [12]).

2.5. CPS Summer School

The CPS Summer School [13] page collects the links to the schools the CERBERO members are participating to. Summer and Winter Schools are seen by CERBERO members as fundamental opportunities to disseminate the project results. Therefore, in this page we will advertise the schools where we intend to participate.



3. References

[1] "CERBERO Home Page," [Online]. Available: http://www.cerbero-h2020.eu/.

[2] "CERBERO Project Overview," [Online]. Available: http://www.cerbero-h2020.eu/overview/.

[3] "CERBERO Project Participants," [Online]. Available: http://www.cerbero-h2020.eu/participants/.

[4] "CERBERO Use Cases," [Online]. Available: http://www.cerbero-h2020.eu/use-cases/.

[5] "CERBERO Dissemination Deliverables," [Online]. Available: http://www.cerbero-h2020.eu/deliverables/.

[6] "CERBERO Dissemination Publications," [Online]. Available: http://www.cerbero-h2020.eu/publications/.

[7] "CERBERO Dissemination Glossary," [Online]. Available: http://www.cerbero-h2020.eu/glossary/.

[8] "CERBERO Events Industrial," [Online]. Available: http://www.cerbero-h2020.eu/conferences/.

[9] "CERBERO Events Research," [Online]. Available: http://www.cerbero-h2020.eu/research/.

[10] "CERBERO Events Consortium Meetings," [Online]. Available: http://www.cerbero-h2020.eu/consortium-meetings/.

[11] "CERBERO Communication Multimedia," [Online]. Available: http://www.cerbero-h2020.eu/multimedia/.

[12] "CERBERO Communication Press," [Online]. Available: http://www.cerbero-h2020.eu/press/.

[13] "CERBERO CPS Summer School," [Online]. Available: http://www.cerbero-h2020.eu/summer-school/.