

THE RESEARCH LEADING TO THESE RESULTS HAS RECEIVED FUNDING FROM THE EUROPEAN UNION'S SEVENTH FRAMEWORK PROGRAM (FP7/2007-2013) FOR CRYSTAL – CRITICAL SYSTEM ENGINEERING ACCELERATION JOINT UNDERTAKING UNDER GRANT AGREEMENT N° 332830 AND FROM SPECIFIC NATIONAL PROGRAMS AND / OR FUNDING AUTHORITIES.



**CR**itical **SY**STem Engineering **Acce**Leration

**Public Website including Dissemination material  
D102.020**



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**DOCUMENT INFORMATION**

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<b>Contact</b>	<a href="#">Kundner Ingrid</a>
<b>Organization</b>	<a href="#">AVL</a>
<b>Phone</b>	+43 316 787 5697
<b>E-Mail</b>	<a href="mailto:Ingrid.kundner@avl.com">Ingrid.kundner@avl.com</a>



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**AUTHORS TABLE**

<b>Name</b>	<b>Company</b>	<b>E-Mail</b>
Kundner Ingrid	AVL	Ingrid.kundner@avl.com

**CHANGE HISTORY**

<b>Version</b>	<b>Date</b>	<b>Reason for Change</b>	<b>Pages Affected</b>
V0.001	30.09.2013	Initial Setup and completion	All
V1.0	30.09.2013	Reviewed Version	All



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## 1 Introduction

### 1.1 Role of deliverable

The aim of this deliverable is to describe the current state of the CRYSTAL website as well as to describe further plans of enhancement during the project duration. The CRYSTAL Project Website is accessible via [www.crystal-artemis.eu](http://www.crystal-artemis.eu).

### 1.2 Relationship to other CRYSTAL Documents

There is a relationship with the CRYSTAL Dissemination Plan as well as with the Dissemination Reports.

## 2 HomePage

The CRYSTAL Homepage is characterized by 5 central elements:

1. CRYSTAL project logo. Wherever a user is currently reading on the project website, via the CRYSTAL logo a "return home" is possible
2. Search field: while at the current time of the project it is not that relevant, experience from other large projects has shown that the website content will grow significantly. Accordingly it is reasonable to have a search field to help the user find the content he/she is searching for
3. Rotating header: the rotating header provides the possibility to showcase 5 pictures resp. announcement.
4. News: the rotating news section has the aim to (a) announce CRYSTAL events, (b) provide information on current activities (c) promote conferences.
5. Main text with CRYSTAL abstract, acknowledgement and logo from European Union, ARTEMIS and FP7 to comply with the regulations set forth in the Grant Agreement.

The elements 1 until 3 are repeatedly visible on all pages and subpages of the CRYSTAL website. Therefore, they are not visible in the subsequent screenshots of the CRYSTAL pages.



### 3 Partner

On this subsite, all CRYSTAL partners are represented by logo respectively mentioning their name.

Project Strategy

❄ Partner

Deliverables












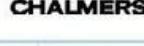




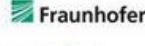










































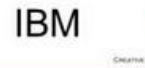




Dissemination

News

Contact

**CRYSTAL CONSORTIUM**

The CRYSTAL Consortium is composed of 71 participants from 10 European countries. They range from industrial partners, SME's to academic partners and cover the application domains aerospace, automotive, rail and health.

BE	
NL	      
SE	    
DE	           
CZ	
AT	     
IT	        
ES	       
FR	         
UK	    

Public

Figure 3-1: CRYSTAL subsite "Partner"

Version	Nature	Date	Page
V1.0	R	2014-06-05	8 of 15





## 4 Deliverables

On this subsite, the CRYSTAL deliverables of status PU or PP are listed as here, either the download possibility or the link to access the documents will be provided. Due to the large amount of deliverables, it was decided not to include all 302 documents in this list.

- Project Strategy
- Partner
- ❄ Deliverables
- Dissemination
- News
- Contact

### CRYSTAL DELIVERABLES

To summarize the activities and achievements of this large AIPP project, CRYSTAL is going to provide 302 deliverables out of which 54 are accessible to either the general public (PU) or related research projects (PP). Deliverables categorized as PU are available for download under this site as well as in the ARTEMIS Repository.

Name	Month	Dissemination Level
Public Website including Dissemination Material	4	PU
A SDLC community program of community calls	6	PU
Dissemination Plan V1	9	PP
Report and Planning of Dissemination Activities V1	9	PP
CRYSTAL aerospace use case description	9	PU
State of the art for aerospace ontology	9	PU
Domain Reports - V1	9	PU
Milestone Report - V1	9	PU
State of the art for automotive ontology	9	PU
State of the art for healthcare ontology	9	PU
Meta-model specification - V1	9	PU
Internal on demand: Specification, development, and assessment of tools for safety engineering – Publishable versions - V1	9	PU
A web wiki built up and maintained by the community providing a focus for the application of IOS towards SDLC	9	PU
A summary of the feedback from assessment of IBM Systems and Software Engineering Solution - V1	9	PU
Engineering Process Run-time Specification	11	PU
Interoperability Specification - V1	12	PP
Interoperability Specification – Domain Specific Auto (PLM Part)	12	PP
A summary report of IOS application to SDLC after each iteration	17	PU
Systems Design and Architecture of IOS Interface for B6.8.1	18	PP
CRYSTAL Sustainability Model V1	20	PP
Report and Planning of Dissemination Activities V2	20	PP
CRYSTAL Global Glossary	20	PU
CRYSTAL aerospace use case data package - V1	20	PU
CRYSTAL aerospace SEE	20	PU
CRYSTAL aerospace use case assessment report - V1	20	PU
Domain Reports - V2	20	PU
Milestone Report - V2	20	PU

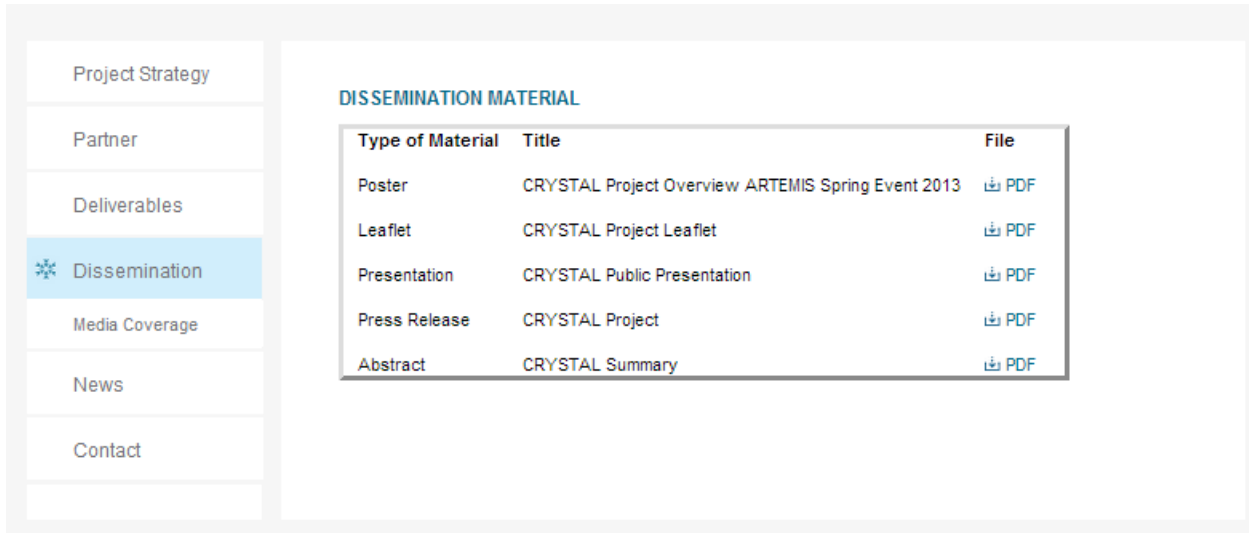
Figure 4-1: CRYSTAL subsite “Deliverables” (PU/PP)

### 4.1 Further enhancement

For the further enhancement it is planned to provide the deliverables structured per WP as well as to provide PDF of the public deliverables.

## 5 Dissemination

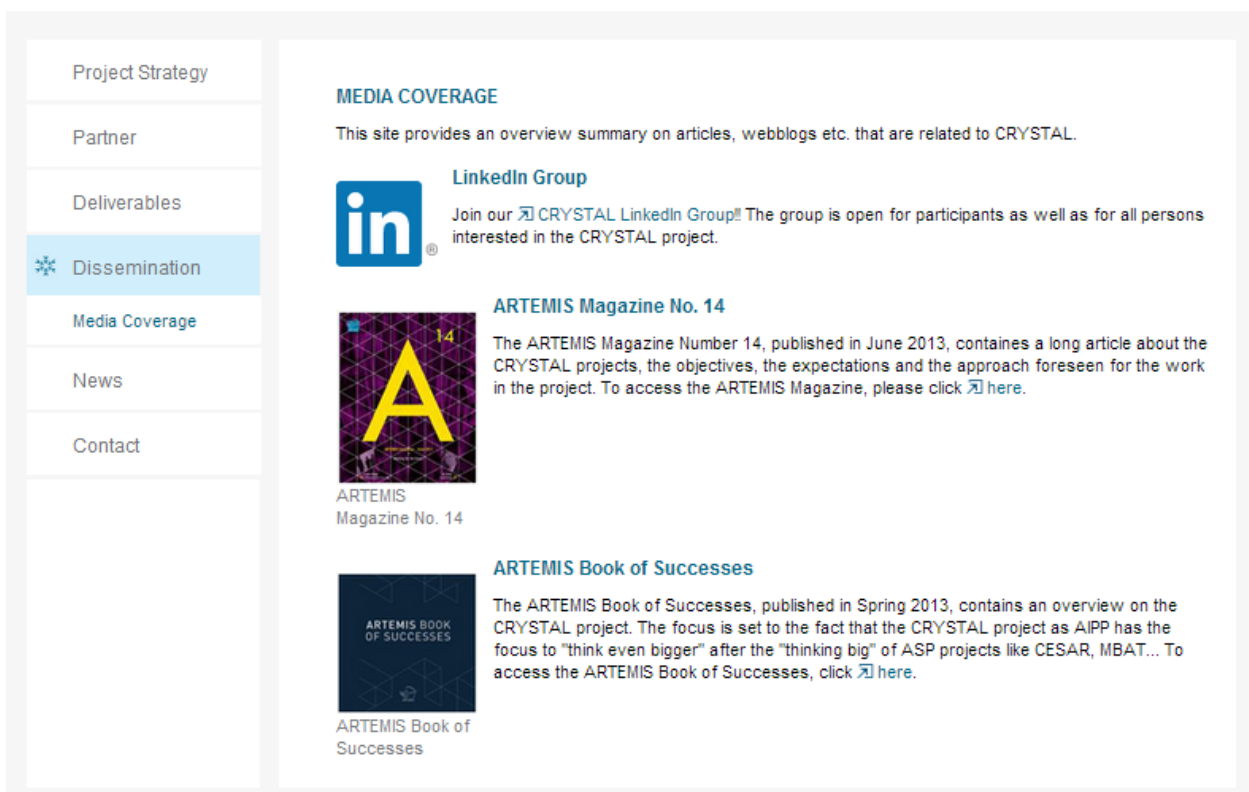
The central element of the subsite “Dissemination” is the tablet o provide dissemination material. At the current time, the following dissemination material as available (see Figure 5-1: CRYSTAL subsite “Dissemination”):



Type of Material	Title	File
Poster	CRYSTAL Project Overview ARTEMIS Spring Event 2013	<a href="#">PDF</a>
Leaflet	CRYSTAL Project Leaflet	<a href="#">PDF</a>
Presentation	CRYSTAL Public Presentation	<a href="#">PDF</a>
Press Release	CRYSTAL Project	<a href="#">PDF</a>
Abstract	CRYSTAL Summary	<a href="#">PDF</a>

Figure 5-1: CRYSTAL subsite “Dissemination”

### 5.1 Media Coverage



**MEDIA COVERAGE**

This site provides an overview summary on articles, weblogs etc. that are related to CRYSTAL.

**LinkedIn Group**

Join our [CRYSTAL LinkedIn Group!](#) The group is open for participants as well as for all persons interested in the CRYSTAL project.

**ARTEMIS Magazine No. 14**

The ARTEMIS Magazine Number 14, published in June 2013, contains a long article about the CRYSTAL projects, the objectives, the expectations and the approach foreseen for the work in the project. To access the ARTEMIS Magazine, please click [here](#).

**ARTEMIS Book of Successes**

The ARTEMIS Book of Successes, published in Spring 2013, contains an overview on the CRYSTAL project. The focus is set to the fact that the CRYSTAL project as AIPP has the focus to "think even bigger" after the "thinking big" of ASP projects like CESAR, MBAT... To access the ARTEMIS Book of Successes, click [here](#).

Figure 5-2: CRYSTAL subsite "Media Coverage"

## 5.2 Further enhancement

For the further updates of the section “Dissemination”, it is planned to include 2 additional subsites:

1. “Newsletter”: as the CRYSTAL consortium will publish regular newsletters, there will be a subsite listing all of these
2. “Publications”: with the large number of project partners and especially academic partners, it is expected that CRYSTAL will produce a significant number of technical publications. As soon as some publications are available, this subsite will be launched to (a) provide a download possibility for publications public available or (b) provide information on where to retrieve the publication.

## 6 News

The subsite “News” is linked to the news corner on the CRYSTAL Homepage. Here, more detailed information on the events, activities... promoted is provided.

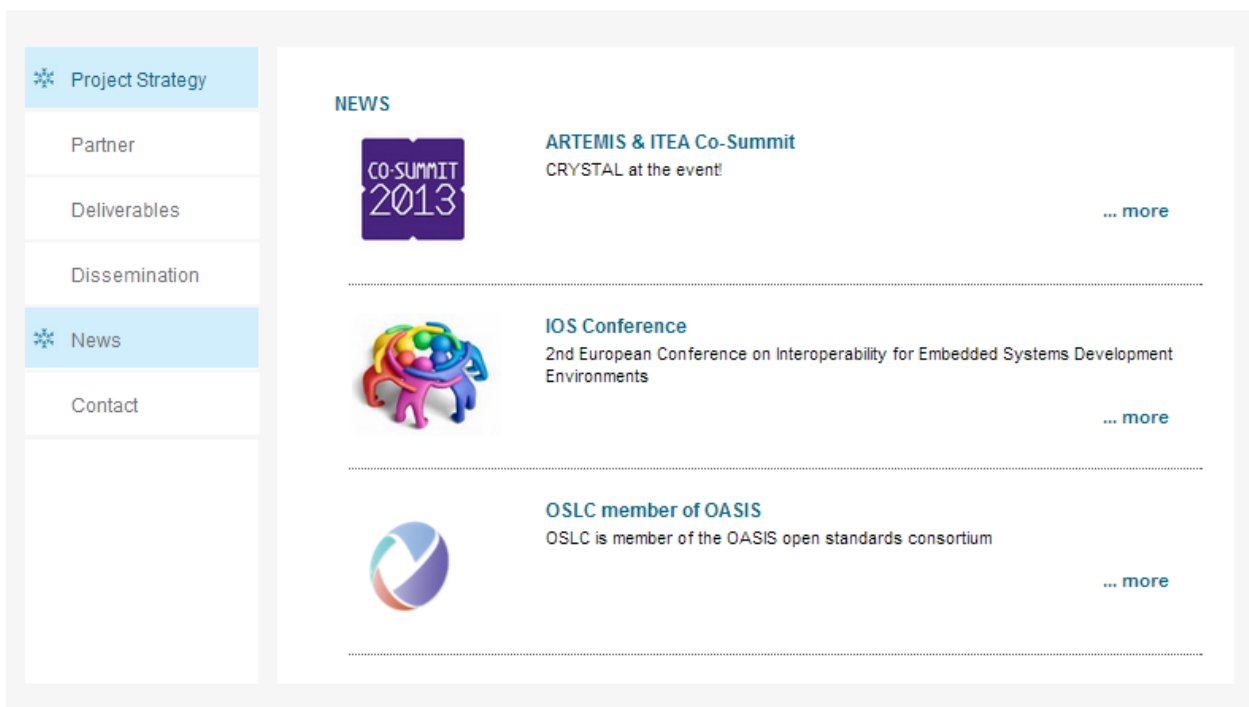


Figure 6-1: Subsite "News"


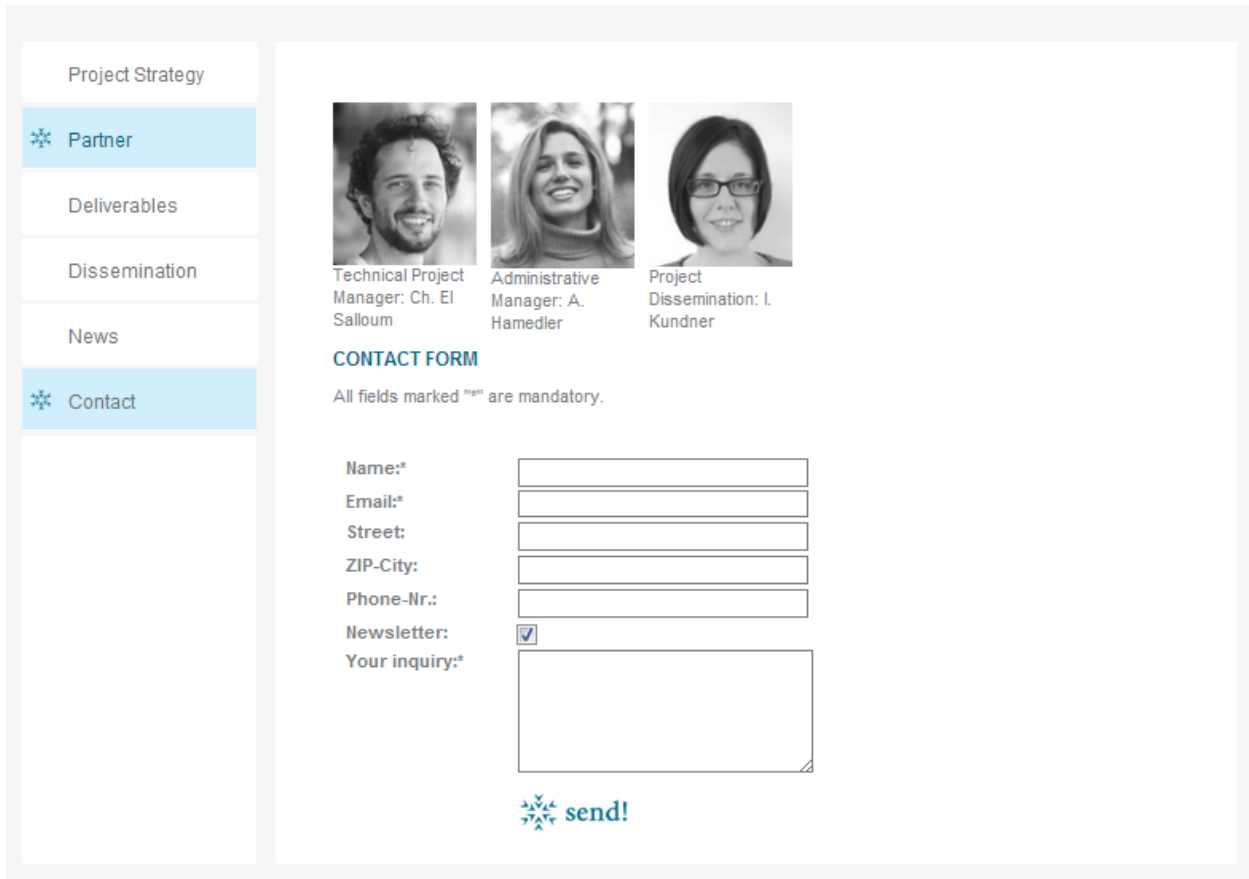
Project Strategy	<p><b>News Detail</b></p> <p>IOS Conference</p> <p><b>Preannouncement for the 2nd European Conference on Promoting Interoperability for Embedded Systems Development Environments – Dec. 3rd.</b></p> <p>The conference takes place in Stockholm, collocated with the Artemis-ITEA2 co-summit, 2013 and provides a continuation of the <a href="#">Artemis technology conference held in March 2012</a>.</p> <p>The goals of the conference are to</p> <ol style="list-style-type: none"> <li>1. Provide a meeting place for Interoperability Specification related efforts, fostering improved communication between such initiatives and providing a first step towards a common understanding of the main challenges.</li> <li>2. Proposing and discussing ways forward to achieve sustainable interoperability for embedded systems development.</li> </ol> <p>The conference is organized in collaboration with the ARTEMIS-JU projects CRYSTAL and MBAT and will provide best practice presentations and overview of current research and standardization efforts. Your participation provides an opportunity to network and to influence the direction of future research and harmonization.</p> <p>For more information about the conference, please see the <a href="#">website</a> and/or contact the conference steering committee.</p>  <p><a href="#">-&lt; Back to: News</a></p>
Partner	
Deliverables	
Dissemination	
News	
Contact	

Figure 6-2: News Details "IOS Conference"

## 7 Contact

Under “contact”, there is a contact form to reach the coordinator. All requests are sent to the general CRYSTAL address under [crystal@avl.com](mailto:crystal@avl.com) accessible for the CRYSTAL AVL project management team as well as to the dissemination manager. Additionally, this contact form provides the possibility for non-CRYSTAL members to register to the CRYSTAL Newsletter.



Project Strategy


❄ Partner


Deliverables


Dissemination

News

❄ Contact

  
Technical Project  
Manager: Ch. El  
Salloum

  
Administrative  
Manager: A.  
Hamedler

  
Project  
Dissemination: I.  
Kundner

**CONTACT FORM**

All fields marked "\*" are mandatory.

Name:\*

Email:\*

Street:

ZIP-City:

Phone-Nr.:

Newsletter:

Your inquiry:\*


 send!

Figure 7-1: Contact Form

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## 8 Further Enhancement

Besides the further enhancement already provided in the respective sections, 3 major enhancements are planned for the first project year.

### 8.1 Events

Under a subsite events, a review will be provided on (a) project specific events such as consortium meetings and (b) events where CRYSTAL has been represented. The site will be public after the ARTEMIS & ITEA Co-Summit.

### 8.2 Application Domains

In month 9, the application domains will finish the description of their public use cases. It is planned that a summary of these use cases is presented on the CRYSTAL homepage to also represent the application domains.

### 8.3 RTP / IOS

Also in month 9, after reaching the first project milestone, an enhancement towards RTP and IOS is planned. Especially the topic of IOS as open specification respectively future standard requires the availability of information. The CRYSTAL website will pay respect to this fact by providing continuous updates on that topic.



## 9 Terms, Abbreviations and Definitions

Please add additional terms, abbreviations and definitions for your deliverable.

CRYSTAL	<b>CR</b> itical <b>SYST</b> em Engineering <b>AcceL</b> eration
R	Report
P	Prototype
D	Demonstrator
O	Other
PU	Public
PP	Restricted to other program participants (including the JU).
RE	Restricted to a group specified by the consortium (including the JU).
CO	Confidential, only for members of the consortium (including the JU).
WP	Work Package
SP	Subproject

Table 9-1: Terms, Abbreviations and Definitions