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Operational WEB SITE for public use

Summary Report

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Author(s):	Alan Gobbi (YEC), Martin Pascoe (YEC)
Participant(s) (partner short names):	YEC
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Abstract:

Brief report outlining the CAPANINA web site www.capanina.org

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DOCUMENT HISTORY

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1 st March 2004	01	Editor (Internal reviewer)	David Grace	UoY
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EXECUTIVE SUMMARY

The www.capanina.org web site is an essential facility for disseminating information and managing the project. The report outlines the scope and structure of the public web site along with plans of future developments. Details of the private section used to help manage the program effectively are also included. This password protected section includes a Milestone and Document control tool that allows partners to generate, upload and download documents wherever they are (assuming an internet connection)

Details of 60 promotional activities, stemming in part from the web site, are also included.

Web site traffic, (in mid Feb 2004) is averaging more than 2000 hits per day.

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1. Introduction

A public access web site is an essential tool to help share and disseminate views relating to the CAPANINA R&D activities. Although it is envisaged that the site will continue to evolve throughout the program and beyond, an initial site has been established with some core functionality and content.

This report provides an overview of the web site, indicates future plans and provides some summary data relating to web site traffic. Additionally, several "media" articles, many of which have stemmed from or used the web site as an information source, are summarised in tabular form.

Note: As web sites by their very nature are dynamic, this report needs to be viewed as a general guide. Readers are strongly advised to review the actual web site on line at www.capanina.org for an up to date view.

2. Web site structure

A general relatively mellow style without prolonged graphic introductions has been selected, allowing the user quick and simple access to information. Details of the current and planned page structure follows.

2.1 Welcome page

View of the welcome page

Broadband for All - Research and Development program

The CAPANINA project will develop broadband capability from aerial platforms to deliver cost effective solutions providing a viable alternative to cable and satellite, with the potential to reach rural, urban and travelling users.

European Union Funded Research
Private Area (login required)

Home
General Information
News
Links
Technical Summary
Partner Details
Frequently asked questions

Diagram illustrating the CAPANINA project concept: Aerial platforms (blimps) connected to ground stations (house and truck) via stratospheric broadband technology. The diagram includes logos for Information Society Technologies and the CAPANINA project.

STRATOSPHERIC BROADBAND
European Union - Funded Research

UK - Italy - Hungary - Spain - Slovenia - Germany - Switzerland - Japan

Logos of partner organizations: THE UNIVERSITY of York, BT, skyLINC, rsem, HARBOUR SPACE, DLR, Contraves | Space, and others.

The welcome page currently includes the following key data:

- At the top of the page a simple outline of what CAPANINA is
- The logo and strap line – Stratospheric Broadband
- Reference to EC partial funding of program and IST
- Simple graphics of Airships and communication lines to buildings / trains
- Partner names and logos
- A menu with links to other pages
- A link to the private section requiring pass word access
- An option to send an e mail to info@capanina.org

Links from this page are described below

2.2 General Information

This page provides some basic information about the program in a depth and format that should suit most visitors. Links are provided to further pages as below:

- **Project Summary** – provides a description of the project
- **Why HAPs?** – identifies the reasons why HAPs are appropriate for Broadband delivery
- **R and D approach** – outlines the strategy adopted to deliver medium and longer term technology advances
- **Potential Impact** – reviews the impact the developments will have
- **Other Research** – identifies other research activity related to the CAPANINA activity

2.3 News

This page provide info on any current news topic and links are provided to the following pages

- **News articles** – with links to other web sites where CAPANINA has been promoted
- **Logo** – access to the CAPANINA logo
- **Images** – access to images that may be used

2.4 Partners

This page provides summary details of all the partners involved in the program with links to their own web sites

2.5 Frequently asked Questions

This section provides further information about the program in a simple question and answer format

2.6 Private section

Outline details of the Private section of the web site follow

2.6.1 Document and Milestone Management

This data base section provides details of all Milestones and Deliverables agreed with the EC. Additionally new documents or milestones can be easily generated. The tool allows any authorised user to fulfil a number of tasks including:

- View all entries or select entries by workpackage, organisation, due date, author etc
- Upload a document to the site, automatically incrementing the issue level either as a draft or as an issued document
- Download a document
- Generate a new document, automatically assigning a document number and creating the “space” to accept an uploaded document when available.
- See pending tasks
- See overdue tasks

Click on column heading to "sort" table.

Doc Number ^A	Description	Owner	Org.	Status	Due by	WP	Control
CAP-D01-WP11-BT-PUB-01	Candidate applications and services for BB HAP delivery	Mike Fitch	BT	Complete	3	1.1	upload
CAP-D02-WP60-YEC-PUB-01	Report on potential collaboration with other FP6 and FP5 projects	Graham Long	YEC	Complete	3	6.0	upload
CAP-D03-WP41-CGS-PUB-01	List of aspects to be experimentally validated	Marco Bobbio	CGS	In Progress	4	4.1	upload
CAP-D04-WP50-YEC-PUB-P00	Summary report: Operational Web site for public use	Alan Gobbi	YEC	In Progress	4	5.0	upload
CAP-D05-WP50-YEC-PUB-P00	Project presentation	Alan Gobbi	YEC	In Progress	5	5.0	upload
CAP-D06-WP42-CGS-CON-P00	Definition of requirements for aerial platforms necessary for trials and tests	Marco Bobbio	CGS	In Progress	7	4.2	upload
CAP-D07-WP41-CGS-CON-P00	Test Campaign Plan (preliminary)	Marco Bobbio	CGS	In Progress	8	4.1	upload
CAP-D08-WP34-CSAG-PUB-P00	Interface requirement specification for a HAP free-space optical crosslink terminal	Thomas Dreischer	CSAG	In Progress	12	3.4	upload
CAP-D09-WP21-JSI-PUB-P00	Report defining proposed specification of candidate broadband communication standards	Miha Mohoric	JSI	In Progress	15	2.1	upload

View of a document management screen

Pre-set screens allow direct access to information within a particular category examples being “EC deliverables” or “WP1”.

2.6.2 Bulletin board

This provides a means of sharing information internal to the project

2.6.3 Support info

General support information (e.g. access to annex1, document templates etc)

2.6.4 Work package home pages

These pages allow work package leaders to place content specific to their activity and to directly access any document relating to the activity.

2.6.5 Meetings

Details relating to all significant CAPANINA meetings

2.6.6 Measurement data

A facility allowing users to upload measurement data for sharing with other partners

3. Future plans for the Public site

Future plans being considered for the public site (along with approximate timing) include:

- A link to a “Chat space” so that visitors can share ideas (March 2004)
- A “Google” type search facility (March 2004)
- EC deliverables page with password required to access non Public deliverables (March 2004)
- “Technical Paper” section providing access to paper details along with a facility for authorised users to upload and down a paper. (March 2004)
- Links to conferences and events relevant to CAPANINA (April 2004)
- Direct top level paths to information customised to suit the following types of visitors (May 2004)
 - Technical/Scientific
 - Industry and commerce
 - General interest
- Option to sign up to a periodic news letter (May 2004)
- Some non English language pages (to provide top level info only – not full web site) (July 2004)
- Exploitation paths with details of (Sept2004)
 - Commercial partners interested in supplying content or needing broadband to support their products
 - Industrial organisations interested in developing / supply infrastructure
 - Operators interested in managing broadband infrastructure and selling capacity

Research and development organisations interested in pursuing the technology further

Many more pages will be generated as and when the need arises, the above summary shows some of the current thinking.

4. Other web site info

Running average hits per day at 31st January 2004 was 2033.

Other sites linking to the CAPANINA site include:

http://slashdot.org
http://www.theregister.co.uk/content/22/34992.html
http://www.elec.york.ac.uk/comms/CAPANINA.html
http://slashdot.org/article.pl
http://www.theregister.co.uk/content/22/35222.html
http://www.google.com/search
http://slashdot.org/articles/04/01/21/1342237.shtml
http://twojepc.pl
http://www.york.ac.uk/admin/presspr/pressreleases/broadbandhaps.htm
http://www.cordis.lu/ist/directorate_d/cnt/proclu/p/projects.htm
http://news.zdnet.co.uk/communications/broadband/0,39020342,39119220,00.htm
http://www.cdprojekt.info
http://internetworld.idg.se/ArticlePages/200401/27/20040127103642_IW850/20040127103642_IW850_dbp.asp
http://www.idg.se/ArticlePages/200401/27/20040127103923_IW/20040127103923_IW.dbp.asp
http://www.theregister.com/content/22/34992.html
http://www.nyteknik.se/art/32514
http://theregister.co.uk/content/22/34992.html
http://dbs.cordis.lu/cgi-bin/srchidadb
http://slashdot.org/index.pl
http://informatica.terra.com.br/interna/0,,OI258187-EI553,00.html

5. Table showing English promotions relating to CAPANINA program for period 1 (1st Nov 2003 to 31st Jan 2004)

Date	Media	Title	Link
08-Dec-03	Computer Weekly	High altitude aircraft could replace comms satellites to provide low-cost broadband	http://www.computerweekly.co.uk/articles/article.asp?liArticleID=126901&liArticleTypeID=20&liCategoryID=1&liChannelID=7&liFlavourID=1&sSearch=&nPage=1
19-Jan-04	University of York	Broadband for all from High Altitude Platforms	http://www.york.ac.uk/admin/presspr/pressreleases/broadbandhaps.htm
20-Jan-04	Comms Design	Consortium plans airship-based net for broadband delivery	http://www.commsdesign.com/news/showArticle.jhtml;jsessionid=AD3J5HMHVD4QOQSNDBGCKHY?articleID=17500008
20-Jan-04	DailyWireless.org	Internet Blimps in the UK	http://www.dailywireless.org/modules.php?name=News&file=article&sid=1967
20-Jan-04	Doom.com	Consortium plans airship-based net for broadband delivery	N/A
20-Jan-04	Neowin.net	Airships to deliver broadband to rural areas	http://www.neowin.net/comments.php?id=16783&category=main
20-Jan-04	Satellite News Digest (subscription only)	Capanina to deliver broadband via HAPs by 2008,	Subscription required
20-Jan-04	Smart Mobs	Stratospheric broadband	http://www.smartmobs.com/archives/002456.html
20-Jan-04	Yorkshire Post	University aims high over Internet access. Yorkshire Post, 20-Jan-04	http://www.yorkshiretoday.co.uk/ViewArticleMore2.aspx?SectionID=55&ArticleID=726031&Page=1&ReturnUrl=NewsFrontMore.aspx
21-Jan-04	M2.com (subscription only)	Broadband for all from High Altitude Platforms,	http://m2.com/M2/M2Archive.nsf/UserSearch/85256B00004976D185256E20004020A9?opendocument
21-Jan-04	Computing	Broadband - up, up and away	N/A
21-Jan-04	Guardian	Microlight plan to fill broadband gaps	http://www.guardian.co.uk/online/news/0,12597,1127677,00.html
21-Jan-04	Help is at hand	Balloon to fly for broadband	http://www.helpisathand.gov.uk/news/tech/2004/capanina/

21-Jan-04	Irish Eyes	Interesting comments	http://irish.typepad.com/irisheyes/2004/01/wimax.html
21-Jan-04	Satellites.co.uk	Broadband Balloons	http://www.satellites.co.uk/php-bin/forum/post33720
21-Jan-04	The Register	Airships to deliver broadband to rural areas	http://www.theregister.co.uk/content/22/34992.html
21-Jan-04	trickery.net	Broadband from Hot Air,	http://www.trickery.net/bb/viewtopic.php?t=4735
21-Jan-04	ZDNet.co.uk	Balloon goes up for rural broadband	http://news.zdnet.co.uk/0,39020330,39119220,00.htm
22-Jan-04	2wm.co.uk	UK: Capanina rural broadband project underway	http://www.2wm.co.uk/80256D3A00522E46/NewsGet/F55DDAD57E46FB2F80256E28003B844C
22-Jan-04	Advanced Television	Broadband balloons	Http://www.advanced-television.com/2004/news_archive_2004/january19_23.htm
22-Jan-04	Slashdot	UK Testing Wireless Broadband Via Airship.	http://slashdot.org/article.pl?sid=04/01/21/1342237&mode=thread&tid=126&tid=137&tid=193&tid=95
22-Jan-04	The Engineer	Broadband from on high	N/A
23-Jan-04	Electronic Times	Consortium plans airship-based net for broadband delivery	http://www.electronicstimes.com/tech/news/OEG20040123S0066
23-Jan-04	itWorldCanada.com	Wireless Web reaches for the sky	http://www.itworldcanada.com/Pages/Register.aspx?DocID=idgml-453a8101-de7c-4dfe-ae87-0e296864ff4e
23-Jan-04	York Evening Press	Local article	N/A
25-Jan-04	Federation Chronicle	REAL LIFE NEWS: BROADBAND BY AIRSHIP	http://www.ibgames.net/fednews/040125/official08.html
26-Jan-04	Eet.com	Balloons will rise to deliver broadband	http://www.eet.com/issue/int/OEG20040123S0021
27-Jan-04	eWeek	Go Fly a Blimp	http://www.eweek.com/print_article/0,3048,a=117636,00.asp
27-Jan-04	Micheal Fabricant (MP)	The Future of Broadband Britain	http://www.michael.fabricant.mp.co.uk/ith-0064.ihml
28-Jan-04	Uvonline	EU Supports Broadband Project	http://www.uvonline.com/cgi-bin/view?t=N&r=N/1812
28-Jan-04	vnunet.com	Broadband reaches for the sky	http://www.vnunet.com/News/1152342

30-Jan-04	III-Vs Review	Capanina works on HAP broadband	http://www.three-fives.com/WZ/III-Vs/market_news/news/000089/show/
30-Jan-04	NewsTrove.com	Other CAPANINA Stories	http://newstrove.com/cgi-bin/search.pl?search=Capanina&search_source=news
30-Jan-04	Paget at conlog.co.za	South African Comment	http://lists.crypto.co.za/pipermail/lead/2004-January/000233.html
30-Jan-04	The Register	Whatever happened to broadband by blimp?	http://www.enn.ie/frontpage/news-9389099.html

6. Table showing NON - English promotions relating to CAPANINA program for period 1 (1st Nov 2003 to 31st Jan 2004)

Date	Media	Title	Link
20-Jan-04	CDProjekt.info (in Polish)	Internet z nieba?!	http://www.cdprojekt.info/komentarze.asp?action=ShowAll&nid=6489
20-Jan-04	Dagelinks.nl (in Dutch)	Breedband internet via luchtschepen...	N/A
20-Jan-04	user base (in Flemish)	Capanina ziet ze vliegen	http://www.userbase.be/forum/viewtopic.php?t=2280&sid=6041a1f84305287cda8935384279cda8
21-Jan-04	ISDN Server (in Czech)	V Evropě se chystá další Internet ze stratosféry	N/A
21-Jan-04	dobreprogramy.com (in Polish)	Internet zamiast UFO	http://www.dobreprogramy.pl/komentarz
21-Jan-04	estadao.com.br (in Portuguese)	Europa terá acesso à Internet, via dirigíveis	http://busca.estadao.com.br/cgi-bin/busca/busca?palavra=capanina&Onde=AEJ&SUBMIT.x=6&SUBMIT.y=2
21-Jan-04	Internet.ru (in Russian)	В ДЕРЕВНЯХ ИНТЕРНЕТ БУДУТ РАЗБРАСЫВАТЬ С ВОЗДУШНЫХ ШАРОВ	N/A
21-Jan-04	Miestro per l'Innovazione e le Tecnologie, (in Italian)	UK, un nuovo progetto per la larga banda	N/A
21-Jan-04	modotlc.com (in Italian)	UK, dirigibili per banda larga in aree rurali	N/A
21-Jan-04	Yahoo! Brasil (in Portuguese)	Inglaterra experimenta banda larga via dirigível	http://br.news.yahoo.com/040122/7/hvwi.html
21-Jan-04	ZDNet.nl (in Dutch)	Breedband op hoog niveau - Luchtverbindingen als breedbandoplossing,	http://www.zdnet.nl/News.cfm?id=33368
22-Jan-04	Deckpoint (in French)	Des ballons pour aller à 120Mb/s sur Internet	http://www.deckpoint.com/actualite/index.asp?p=1&doc=6898&cat=54
22-Jan-04	Telekom Srpske On-Line (in Serbian)	Летјелице доводе broadband Интернет до руралних насеља	http://www.teol.net/cms/view.php/p/3041.html

23-Jan-04	Autolabs (in Portuguese)	Europa terá acesso à Internet, via dirigíveis	http://www.midiatatica.org/autolabs/blog/modules/news/article.php?storyid=20
23-Jan-04	Focus.msn.de (in German)	Tempo für die Provinz	http://focus.msn.de/F/Navi/update.htm
23-Jan-04	HT net (in Croatian)	Brze Internet veze u Europi uz pomoć cepelina	N/A
23-Jan-04	telenet solutions (in Flemish)	ICT nieuws : Breedband in de lucht	http://www.telenetsolutions.be/modules/news/article.php?storyid=1924
25-Jan-04	O Velho (in Portuguese)	Banda larga via dirigível??	http://150.161.125.12/ovelho/news.php?cod=1163&PHPSESSID=2e2bb9da55067fe21da9113b1a67df5c
25-Jan-04	Spiegel Magazine	Fluggeräte für bessere Verbindungen	http://www.spiegel.de/netzwelt/technologie/0,1518,283480,00.html
26-Jan-04	tvCentrum (in Slovakian?)	Balóny a bezpilotní letadla přinesou broadband	N/A
27-Jan-04	Café Montenegro (in Serbian)	Letjelice dovode broadband Internet do ruralnih naselja	http://www.cafemontenegro.cg.yu/index.phtml/index.phtml?akcija=vijest&id=11905
27-Jan-04	internetworld.se (in Swedish)	Snart bredband från himlen	http://internetworld.idg.se/ArticlePages/200401/27/20040127103642_IW850/20040127103642_IW850.dbp.asp
28-Jan-04	norran.se (in Swedish)	Luftskepp ska ge bredband till glesbygd	http://www.norran.se/sektion_c.php?id=321157&avdelning_1=102&avdelning_2=0
29-Jan-04	nyttomit (in Swedish)	Bredband till glesbygd – via luften	http://nyttomit.fpgroup.se/arkiv/nyttomit20040129.html
30-Jan-04	Eforum.idg.se (in Swedish)	Capanina	http://www.eweek.com/print_article/0,3048,a=117636,00.asp