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Responsible and Editor/Author:	Organization:	Contributing WP:
Rudolf Roth	FOKUS	WP5

Authors (organizations):

Jordi Palet (Consulintel), Christian Thieme (FOKUS), David Diep (HIT).

Abstract:

This document is a guide to the 6QM project web site www.6qm.org.

It describes its general outline and structure, the rationale and the type of information contents that is found on the web pages and contains exemplary screen snapshot of selected pages.

Keywords:

6QM Project Web Site, Dissemination.

Revision History

The following table describes the main changes done in the document since its creation.

Revision	Date	Description	Author (Organization)
v0.1	17/02/2003	Document compilation	Rudolf Roth (FOKUS)
v0.2	18/02/2003	Document updated to match Project Deliverable Template and modified with minor changes	David Diep (HIT)
v0.3	23/02/2003	Info on Private Area added	Rudolf Roth (FOKUS)
v0.4	07/03/2003	Update on Screen Snapshots	Rudolf Roth (FOKUS)
v1.0	17/04/2003	Update to new layout and according modification of description to the current status	Rudolf Roth (FOKUS)
v1.1	18/05/2003	Final Updates and Review	Jordi Palet (Consulintel)

Executive Summary

The project web site (www.6qm.org) has been established for on-line information exchange. This document describes its general outline and structure, the rationale and the type of information that has already been made available and what will be published as the project further progresses. All public information will be made accessible through this site. The web site has both IPv6 and IPv4 capability, so that the IPv6 connectivity can be demonstrated across several IPv6 networks. The site serves as repository for presentations and publications of the project partners. It acts as a public information service on topics related to IPv6 QoS Measurement offering links to other relevant projects and initiatives worldwide.

The portal also holds a password protected private workspace for the 6QM project partners for on-line information management.

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1. INTRODUCTION

The project web site (www.6qm.org) has been established for on-line information exchange. In this document we describe the general outline and structure that has been selected by the 6QM consortium for organizing the publication of 6QM results. We explain the rationale and information policies for its pages, and specify the type of information that is subsumed under each page. The web site has both IPv6 and IPv4 capability, so that the IPv6 connectivity can be demonstrated across several IPv6 networks. A short paragraph details the connectivity realized in the present phase and describes the upgrade that is currently in preparation to become operational in the next future. Screen captures of selected pages provide a snapshot view of the web site's momentary state, however it is obvious that the site will grow and become more information rich as the project progresses and more results become available.

2. 6QM Website Organization

2.1 Website Layout

A general layout has been chosen that it consistently used on all project pages. It employs an esthetically appealing design that is intuitive and easy to navigate.

The top banner contains the project logo in the middle, the IST logo to the left and IPv6 Cluster Logo, of which 6QM is a member, to the right. It creates an identifiable and recognizable signal to the viewer. A small bar separating the top banner from the main text body contains the page heading and buttons linking to central information and navigation functions viz. a back button to the home page, a button linking to contact information and a button leading to an interface of a site search engine.

In the main text body window, a left column has been split off containing the site navigation menu. The bottom corner of the left column contains a link to the password protected private work area, and the link on the bottom bar opens a mail window for sending requests to the web-master.

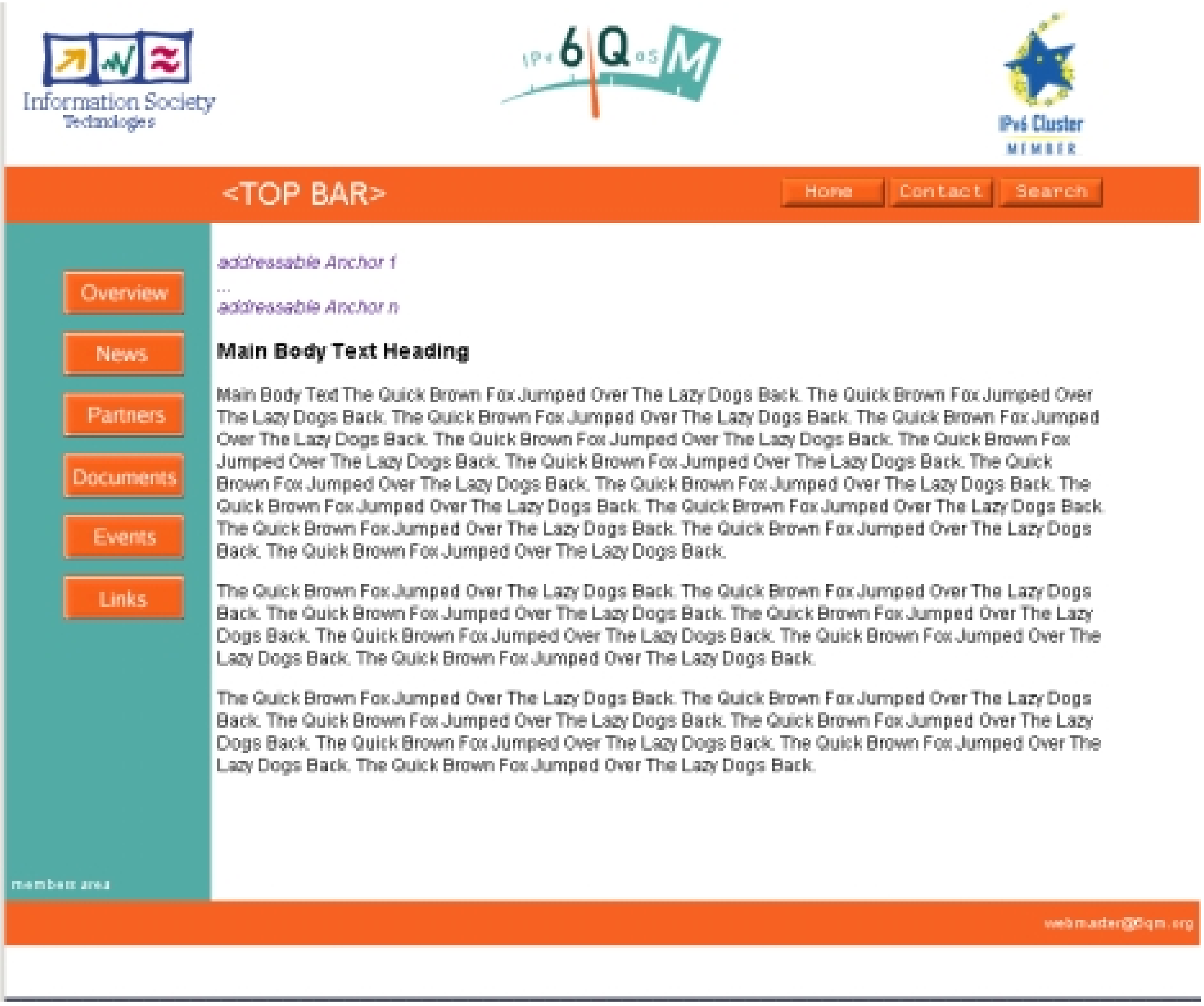


Figure 2-1: 6QM Web Page Layout

2.2 Site Map

For the structure of the web-site the following page organization had been realized

- Project Home Page
- Project Overview
- Project News
- Partner Information
- Documents
- Events
- Links

In addition general navigation support is provided by

- Site Search Page
- Contact Information

The portal also holds a password protected private workspace containing:

- Web interface to the project ftp-site for up- and downloading files
- Various access statistics of web-site usage
- Mail archive (currently under construction)
- Access control and management for private area

2.3 Rationale and Content Organization

2.3.1 Project Home Page

The project home page contains a short textual introduction to the 6QM project describing scope, objectives and expected project results. The text is organized to provide a quick orientation to the site visitor, therefore care is taken that information presented on the starting page is clear and concise to fit on a single monitor page with no requiring of scrolling text.

2.3.2 Project Overview

More expanded information is presented under the header of project overview. It gives an detailed description of project objectives, technical approach and organizational work package structure of the project. Graphical diagrams support the presented project presentations.

2.3.3 Project News

This page informs about important events occurring during the runtime of the project. It announces major project achievement, participation and demonstration in public events and includes projected related news events from partners in the consortium. The page will list summarizing headlines with short abstracts and links to further information such as press releases and short articles.

2.3.4 Partner Information

On this page interested parties find the contact points and address information for the participating partners of the 6QM consortium

2.3.5 Documents

The Documents sub-pages lead to the core information contents on the web site.

Project documentation includes

- General information
  explaining to a wider public project scope, context, potential impact and application of results offering downloadable leaflets, brochures, etc.
- Technical information in form of:
  - Public project deliverables and derived excerpts of hyperlinked web versions.
  - Articles, papers and presentations given at public events and conferences
  - Documentation to software tools developed in the project.
  - Experiment descriptions and measurement results
  - Links to Supporting research material such as collected traces from experiments

2.3.6 Events

This page contains a selection of links to event announcements with particular relevance for 6QM related topics, such as conferences, workshops or fair exhibitions. The emphasis will focus on events with 6QM participation and active representation. In addition linkage to more general Events Calendars will supplement this information service offer.

2.3.7 Links

The Links page contains a rich collection of links towards other web pages with material relevant for 6QM related topics.

2.4 Connectivity

The 6QM project web site is hosted by Fraunhofer FOKUS. It is considered of high priority to offer access to the project pages through IPv4 and IPv6 connectivity. Since Fraunhofer FOKUS is also partner within 6NET, the opportunity is taken to realize web site connectivity through native IPv6 across 6NET. During the time of installation the attachment of FOKUS underwent a change, which replaced a subnet via the provisional German IPv6 showcase network by a direct attachment to the German DFN 6WiN network with a corresponding assignment of address space. Therefore it was chosen to use during the transition a solution via the tunneled 6Bone, which has been migrated recently towards native IPv6 since then.

2.5 Screen Captures of the 6QM Web Site

Figure 2-2: 6QM Home Page

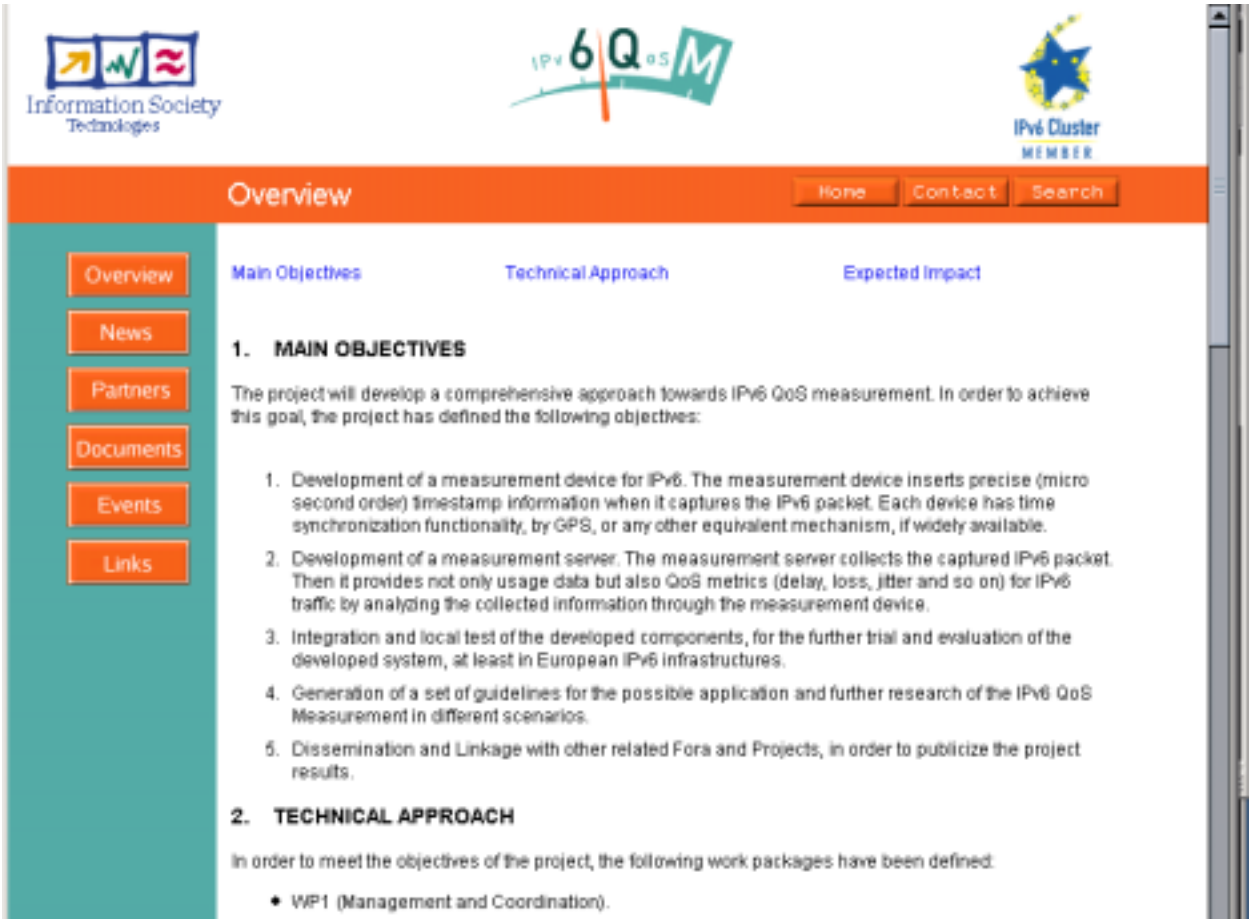


Figure 2-3: 6QM Project Overview

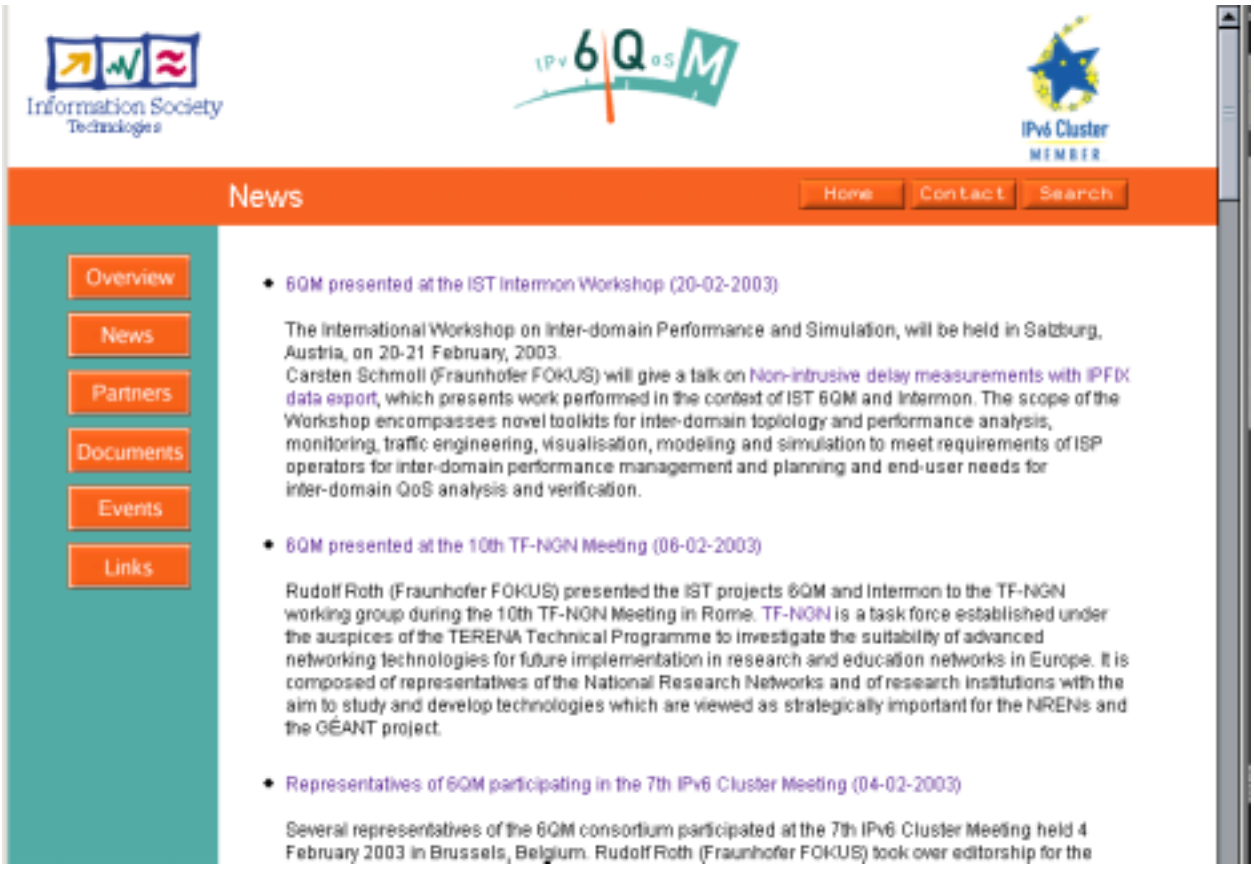


Figure 2-4: 6QM Project News

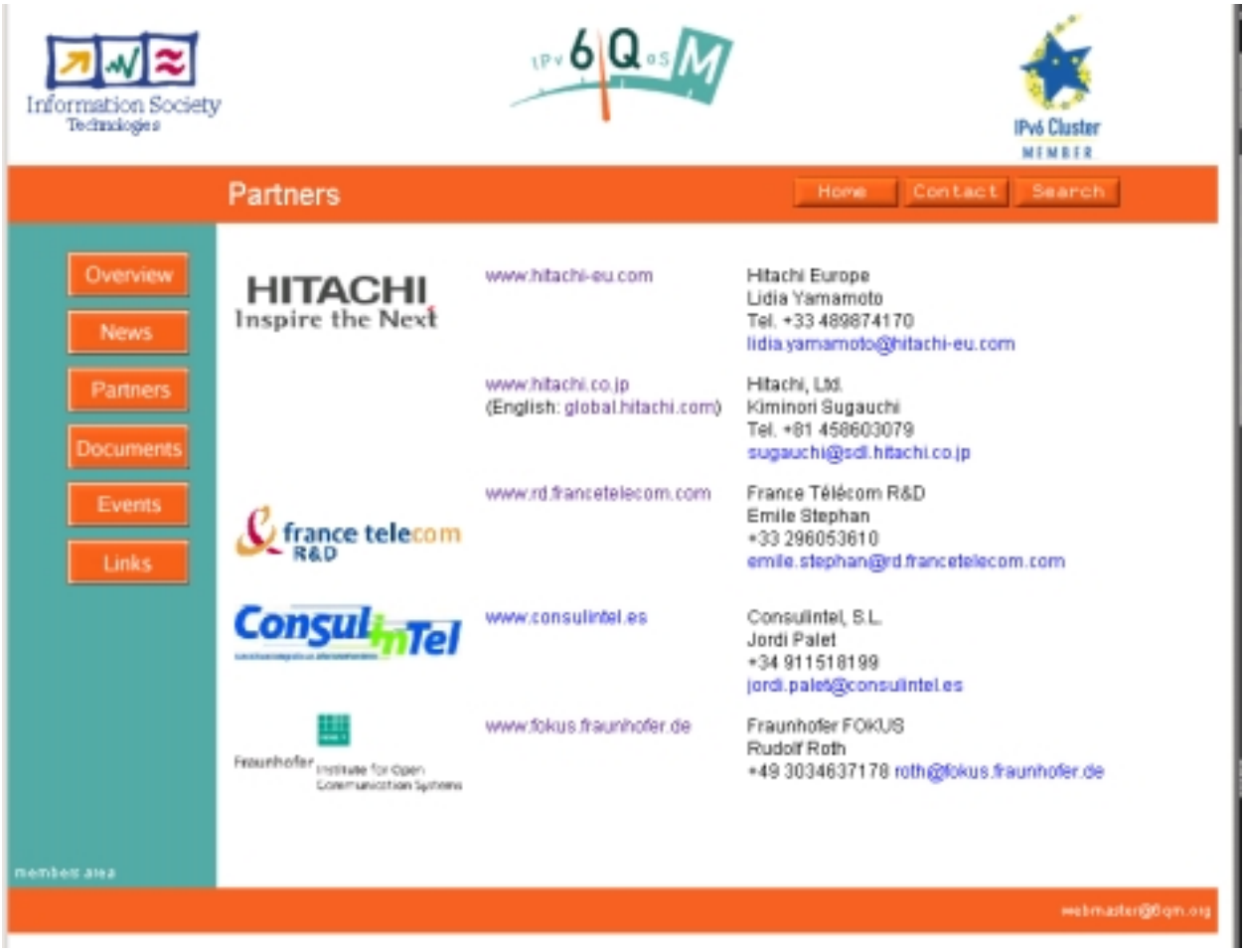


Figure 2-5: 6QM Project Partners Page

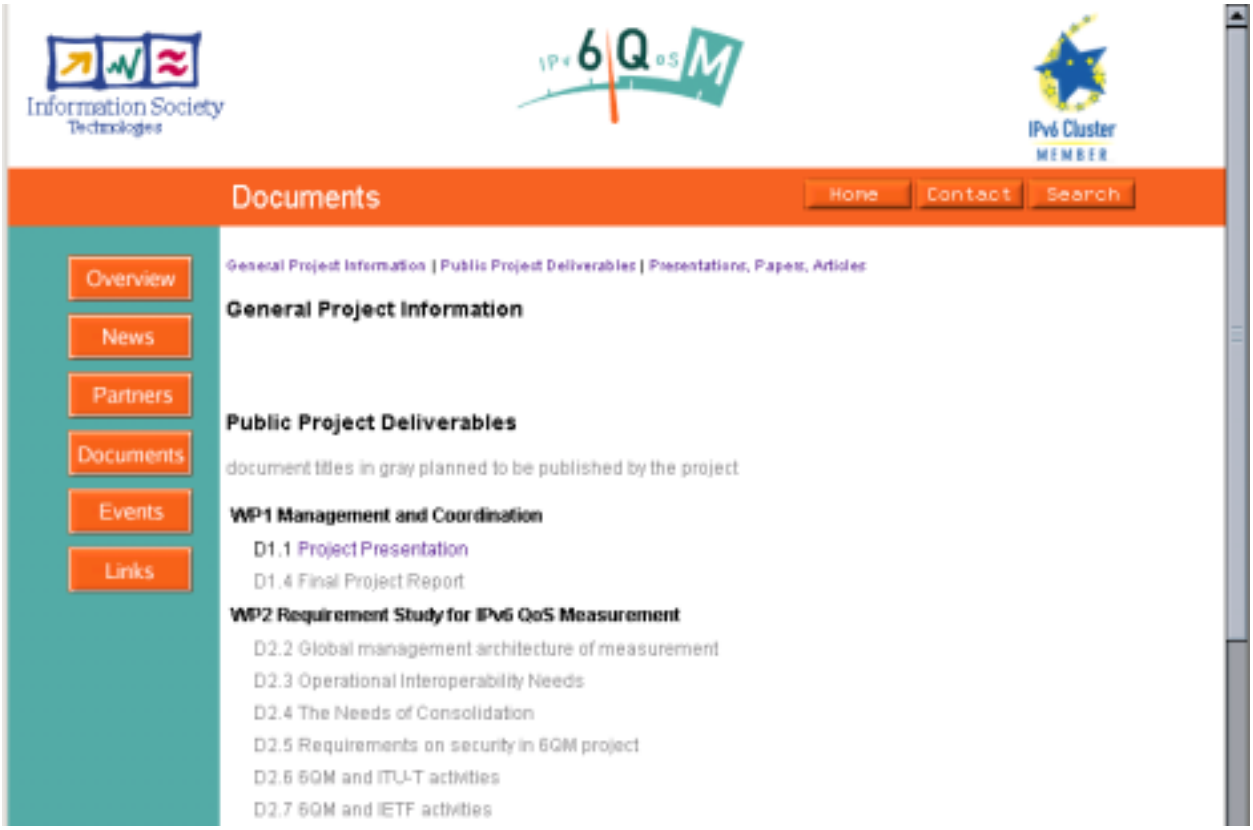


Figure 2-6: 6QM Project Documents Page

Date	Event	Venue
27 January	1st IST Scampi Workshop	Amsterdam, NL
4 February	IST IPv6 Cluster Meeting	Brussels, Belgium
6-7 February	10th TF-NGN Meeting	Rome, Italy
20-21 February	IST Intermon Workshop	Salzburg, Austria
10-12 March	10th Concertation Meeting IST Communication & Network Technologies	Brussels, Belgium
12-19 March	CeBIT	Hannover, Germany
16-21 March	IETF 56	San Francisco, USA
8-9 May	11th TF-NGN Meeting	Poznan, Poland
12-14 May	Madrid 2003 Global IPv6 Summit / ETSI IPv6 Plugtests ™	Madrid, Spain
19-22 May	TERENA Networking Conference 2003	Zagreb, Croatia
13-18 July	IETF 57	Vienna, Austria
15-16 September	12th TF-NGN Meeting	Cambridge, UK

Figure 2-7: 6QM Project Events Page

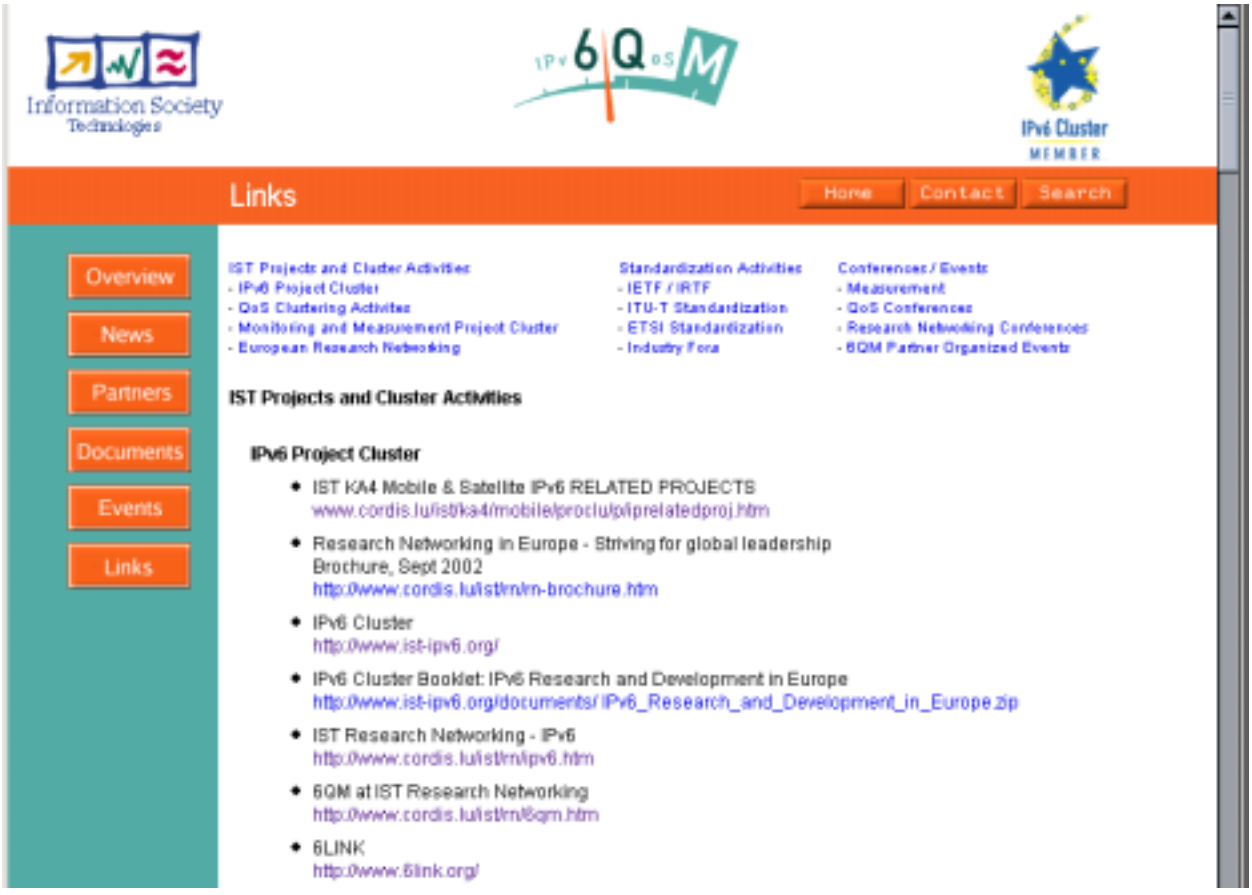
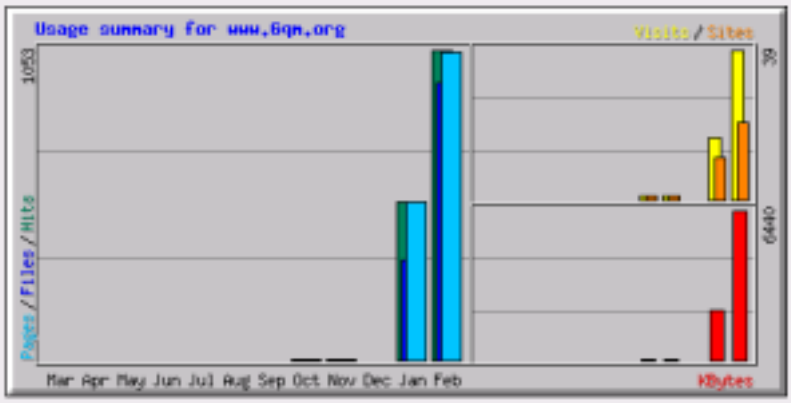


Figure 2-8: 6QM Project Links Page

Figure 2-9: Web Interface to ftp Server in Private Area of Site

Usage Statistics for www.6qm.org

Summary Period: Last 12 Months
Generated 23-Feb-2003 00:15 CET



Summary by Month

Month	Daily Avg				Monthly Totals					
	Hits	Files	Pages	Visits	Sites	KBytes	Visits	Pages	Files	Hits
Feb 2003	47	42	47	1	20	6440	39	1045	941	1053
Jan 2003	17	11	17	0	11	2145	16	535	340	538
Dec 2002	0	0	0	0	0	0	0	0	0	0
Nov 2002	0	0	0	0	1	2	1	1	1	2
Oct 2002	0	0	0	0	1	2	1	1	1	1
Totals						**8589**	**57**	**1582**	**1283**	**1594**

Generated by **Webalizer Version 2.01**

Figure 2-10: Usage Statistics in the Private Area of the Site

3. SUMMARY AND CONCLUSIONS

The project web site (www.6qm.org) has been established for on-line information exchange and has been operational since mid Jan. 2003. It gives access to public project information and in addition acts as a general information switchboard on topics related to IPv6 QoS Measurement. The 6QM consortium is an active participant in the IPv6 Project Cluster initiative. This interaction and concertation is reflected in the organization of the web site which is one of the means to integrate and interlink with that networked group of IST projects devoted to IPv6 topics, to which 6QM brings an added value with its unique scope and profile.