



<b>Title:</b>  <b>Deliverable D5.2 Euro6IX Web Site</b>	<b>Document Version:</b>  1.2
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**Abstract:**

The Euro6IX web site is the main dissemination on-line tool of the project. The project specific web site as an on-line information exchange has been set up, with user-friendly interface structure for accessing the relevant information. All public documents and press releases are made public through this site. It has additional information regarding the links to IPv6 cluster projects, IPv6 Forum summits and also has a news column to host important press releases. Three domain names [www.euro6ix.com](http://www.euro6ix.com), [www.euro6ix.net](http://www.euro6ix.net) and [www.euro6ix.org](http://www.euro6ix.org) domain names have been registered and all are linked to the same web site.

The associated private and secured web and ftp space will be the platform for all document exchanges within the project, including the mail archive.

**Keywords:**

On-line communication exchange, Dissemination, IPv6 cluster, IPv6 Applications, Publications, Events, Conferences, News.

# Revision History

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

<b>Revision</b>	<b>Date</b>	<b>Description</b>	<b>Author (Organization)</b>
v0.5	15/04/2002	Document creation: Draft Deliverable	Sathya Rao (Telscom)
v0.6	29/05/2002	Document updated to match Project Deliverable Template	Susana Cremades (nGn)
v0.7	30/05/2002	Final Changes	Jordi Palet (Consulintel)
v1.0	02/06/2002	Document updated to match Project Deliverable Template	Jordi Palet (Consulintel)
v1.1	06/06/2002	Minor corrections	Sathya Rao (Telscom)
v1.2	11/06/2002	Final Review by PSC	Jordi Palet (Consulintel)

# Executive Summary

This Document provides Euro6IX project's web site used as a platform for public information dissemination and as an on-line private project level document exchange, including the mail archive. The project site is rich with project information, an introductory power point presentation, and list of all deliverables with downloadable function as soon as they are submitted.

The site also links all partner information, IPv6 information from the press, related IPv6 projects, and maintains an agenda of important events and conferences.

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## 1. INTRODUCTION

The project website can be reached with IPv4 under 3 different domain registries [www.euro6ix.com](http://www.euro6ix.com), [www.euro6ix.org](http://www.euro6ix.org) and [www.euro6ix.net](http://www.euro6ix.net).

The Web site was created in December 2001, ahead of starting date of the project in order to publish the press release of the project launch, during the IST Event 2001.

Later on, it was completely renewed, to offer a more functional view of the project and facilitate the navigation in order to exploit better the awareness possibilities of the web site.

This platform is used for both public information dissemination and for private document exchange, including mail archive.

The web site was initially constructed over Internet Information Server (IIS), running on Windows 2000 Server platform. Now is being ported to PHP, in order to facilitate the usage in native IPv6 networks.

Once the Euro6IX network is up and running, the web site will be also accessible with IPv6, from the project itself and other connected networks, like 6Bone.

The web site is based in a database, in order to increase the functionality and the possibilities, for example for searching. This is transparent to the users as they receive standard html coded pages.

## 2. HOME PAGE

The home page of the project website is as shown in the figure below:

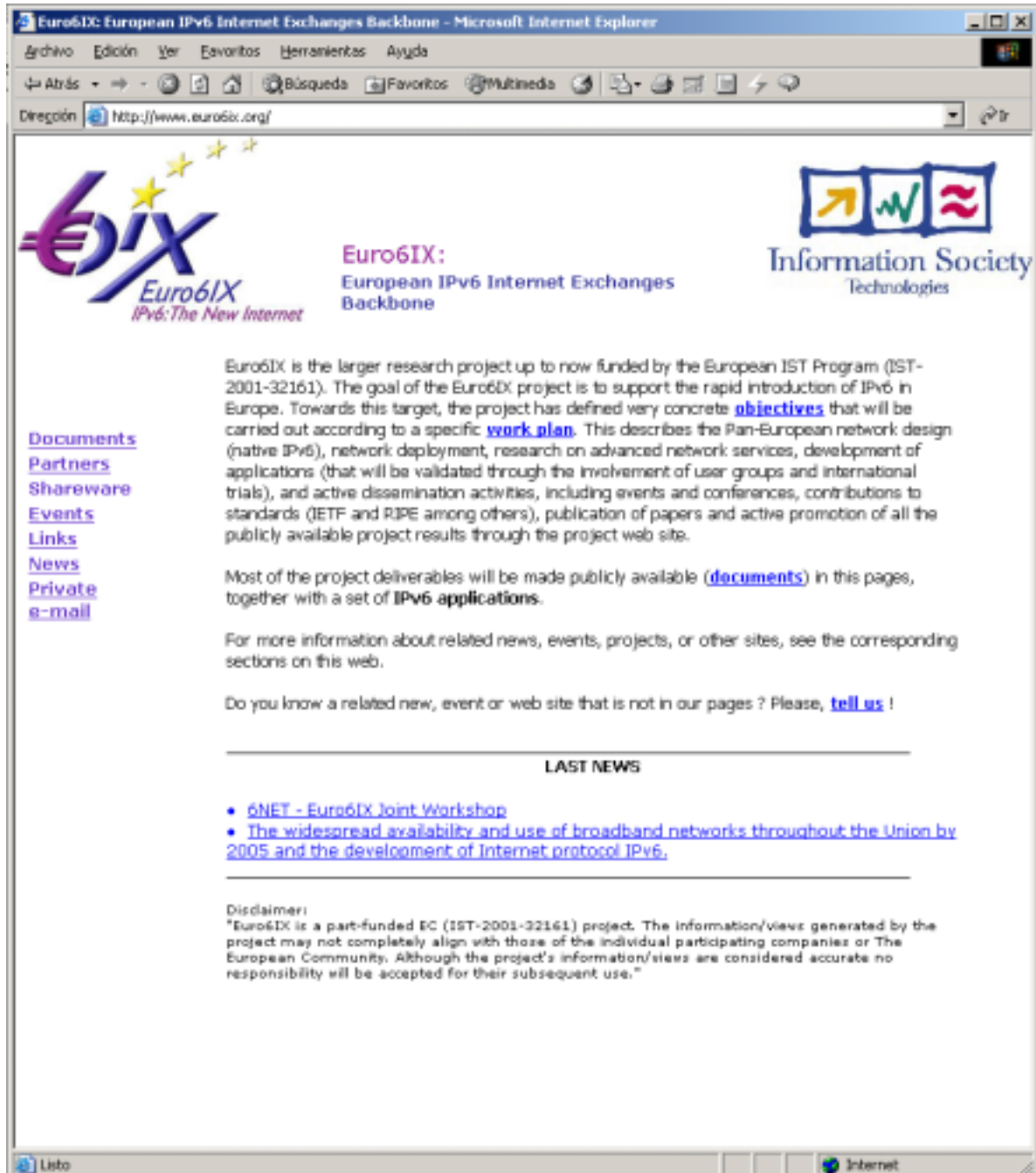


Figure 2-1: Euro6IX Home Page

The homepage is made simple with a brief summary of the project profile with links to more detailed pages:

- Objectives (contents of the Description of Work, Project Objectives Section).
- Work Plan (brief summary of the Project Work Plan and the leading partners).
- Documents details (Deliverables table, with links to the available documents).

- IPv6 Applications (Not functional now, it will point to the Shareware Repository when available).

The “tell us” hyperlink allow an email to be sent to the [info@euro6ix.net](mailto:info@euro6ix.net) account, in order to ask for some additional information, or provide new links or ideas relative to the project or the project web site itself.

At the bottom of the page, a small “LAST NEWS” section lists the project or IPv6 (if very important) latest news (only 2-3 of them), as a quick link to the events or news section of the web site.

A disclaimer is added to guarantee the understanding of the references from the project, partners and EC, according to the EC Project Contract.

Both the IST and the Project logos are “clickable” in order to go to the home pages of the relevant sites.

The following figures show the Objectives and Work Plan Pages.

**Euro6IX:**  
European IPv6 Internet Exchanges  
Backbone

**Information Society  
Technologies**

**PROJECT OBJECTIVES**

The **first objective** of the Euro6IX project is to research an appropriate architecture to design and deploy the first Pan-European non-commercial IPv6 Internet Exchange (IX) Network. It will connect several regional neutral IPv6 Internet Exchange points across Europe, and achieve the same level of robustness and service quality as currently offered by IPv4 Internet Exchange Networks. That is:

- To research and design a native IPv6 network which follows the hierarchical architecture of the global Internet by including:
  1. A set of regional native IPv6 Internet Exchanges;
  2. A core network to interconnect the exchanges;
  3. A second/access level of nodes, for ISPs, sites, corporations and users.
- To deploy the native IPv6 network based on the proposed architecture:
- To test, tune and improve the main protocols, algorithms and techniques needed to deploy and operate the network and the advanced services.

The involvement of the major/incumbent European Telcos in this project, covering also the bigger areas that have a higher Internet user growth rate, reflects the strategic importance of the fast and timely introduction of IPv6 in Europe.

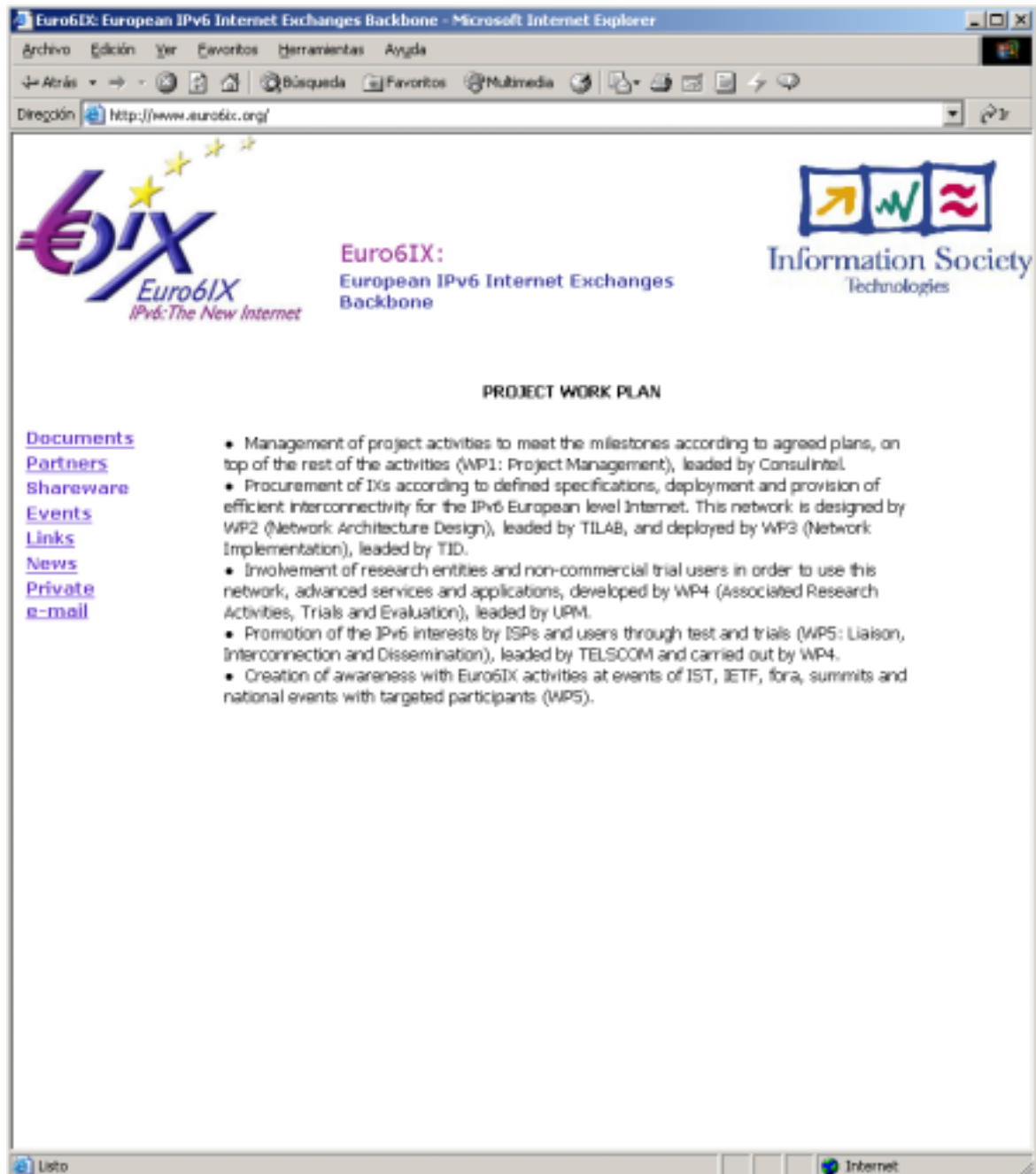
The **second objective** is to use the deployed IPv6 IX infrastructure to research, test and validate IPv6-based applications and services, such as:

- Investigations on the maturity of advanced IPv6 network services, as well as the feasibility of their inclusion in the Euro6IX test-bed, for example CoS/QoS, Mobility, Anycast and multicast, security, multihoming, renumbering, and policy languages.
- The development, porting, adaptation, or enhancement of IPv6 enabled applications, which will be made available for project trials and to third parties.

Documents  
Partners  
Shareware  
Events  
Links  
News  
Private  
e-mail

Listo Internet

Figure 2-2: Home Page, Objectives section



**Figure 2-3: Home Page, Work-Plan section**

The menu list in the left column of the Home page identifies the main site structure. This menu is the same when visiting the rest of the site, in order to facilitate the browsing.

### **3. PUBLIC AREA**

Most of the information, results and documents available from the project, will be made publicly available.

In order to organize all this information, the site includes several areas, detailed in the following sections.

#### **3.1 Documents**

This area is the main one for the dissemination of the project results. Is sub-divided in three sub-sections.

##### **3.1.1 General**

Allows a quick overview of the project, with a general presentation and several diverse summary and executive summary documents, including the Project Presentation Deliverable.

##### **3.1.2 Presentations**

The diverse presentations that are being made by the project participants are being included here.

##### **3.1.3 Deliverables**

Include a table with a complete list of all project deliverables, a short description, and the link from where they will be made downloadable (in PDF format), once they are released.

Deliv. WP No.	Deliverable Title/Short Description	Lead Part.
D1.1	<b>Project Presentation [PDF]:</b> Brief Project Presentation in English, also published in web site.	CONSULINTEL
D1.2	<b>Project Handbook:</b> Provides the project management related information such as milestones, deliverables, templates to be used, communication platform details and procedures to be followed. Also provides the details of all partners' co-ordinates as a one-stop information source.	CONSULINTEL
D1.3.x	<b>Periodically Progress Reports:</b> Management report summarizing quarterly/monthly (m=1..35) activities and is a tool for review process.	CONSULINTEL
D1.4	<b>Final Project Report:</b> Final success story of the project summarizing the key issues addressed in the project, achievements and open issues.	CONSULINTEL
D 2.1	<b>Specification of the internal network architecture of each IX:</b> Deliverable providing the network architectural issues in defining Euro6IX network, and lays down some criteria for network and functionalities to be supported.	TELECOM ITALIA LAB
D 2.2	<b>Specification of the backbone network architecture:</b> The backbone network will be based on these specifications.	TELECOM ITALIA LAB
D 2.3	<b>Network Architecture Handbook:</b> Network cookbook identifying key features to be considered in designing the correct networks with important features of high bandwidth, QoS, security and other key concepts researched.	TELECOM ITALIA LAB
D 2.4	<b>Result on research on new address delegation strategies for IPv6 IXs:</b> Important IPv6 related issue in discussion and the issues to be considered taking into account various network (routing) optimization issues.	TELECOM ITALIA LAB
D 3.1	<b>First description of overall network architecture implemented:</b> Network implemented in the early phase of the project. Details are highlighted.	TELEFONICA I+D
D 3.2	<b>Definition of statistics, management and security control systems (draft):</b> Details of functionalities included in the system management and control.	TELEFONICA I+D

Figure 3-1: Project Deliverables Table

## 3.2 Partners

This section includes a short description of the project partners, ordered by partner number, and a link to their relevant web sites.

In the future we will post here a sub-section to list the Project Sponsors and link to their relevant sites.

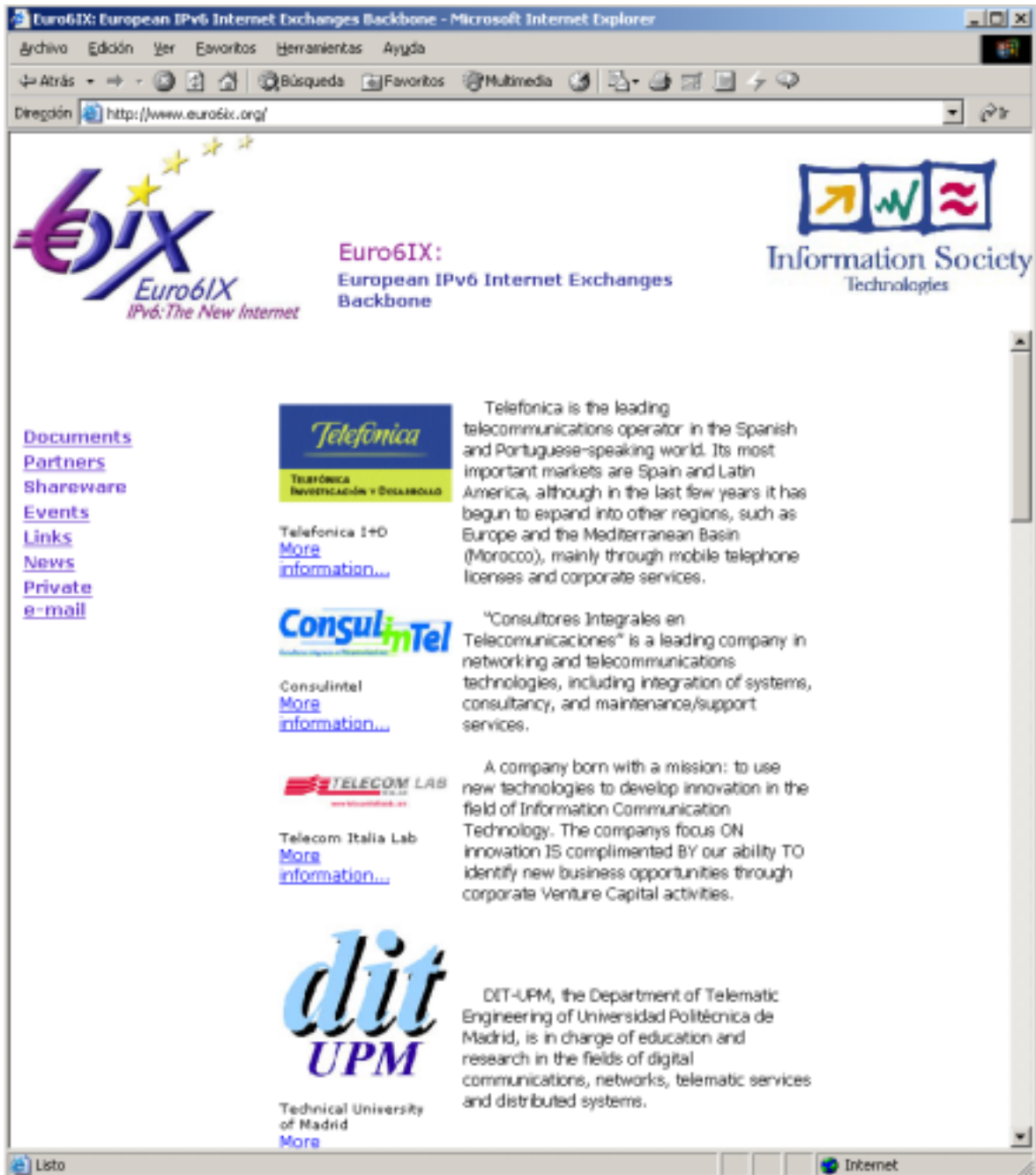


Figure 3-2: Project Partners Page

### 3.3 Shareware

This section is ready for hosting the Shareware Repository that the project will make publicly available.

### 3.4 Events

This section includes a table of IPv6 and project related events. A user profile can be created, and specific events will be listed, as selected by the user.

This will facilitate the users to plan their agendas, and provide an additional degree of coordination between all the related projects and events.

The users can also suggest any event that is not listed, so the project participants could decide if this needs to be enlisted or not.

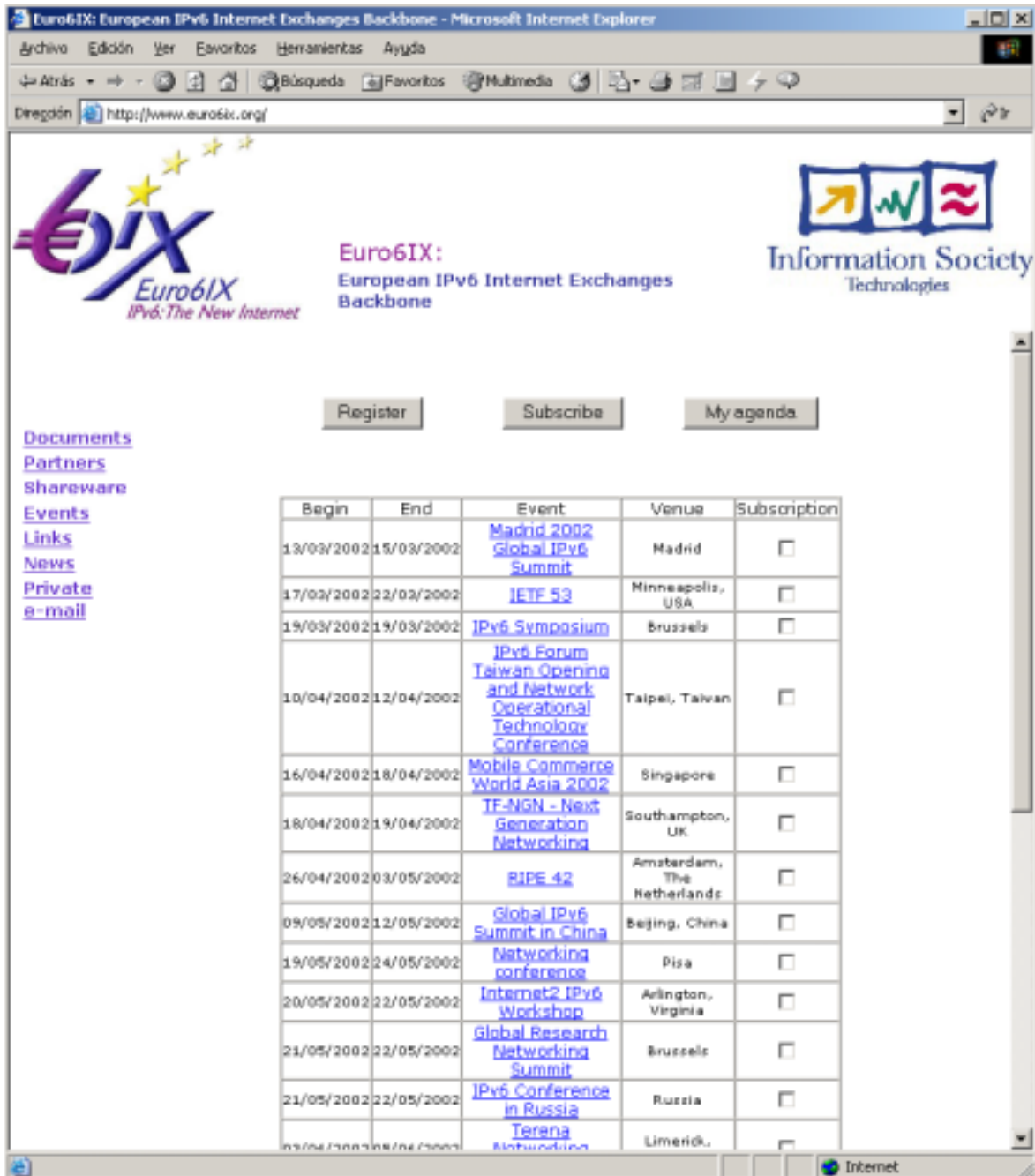


Figure 3-3: Events Page

### 3.5 Links

This page is a short and useful compendium of IPv6 and Project relevant web sites.

Most of the projects that we are collaborating with, especially in the IST Programme, but not limited to, will be included.

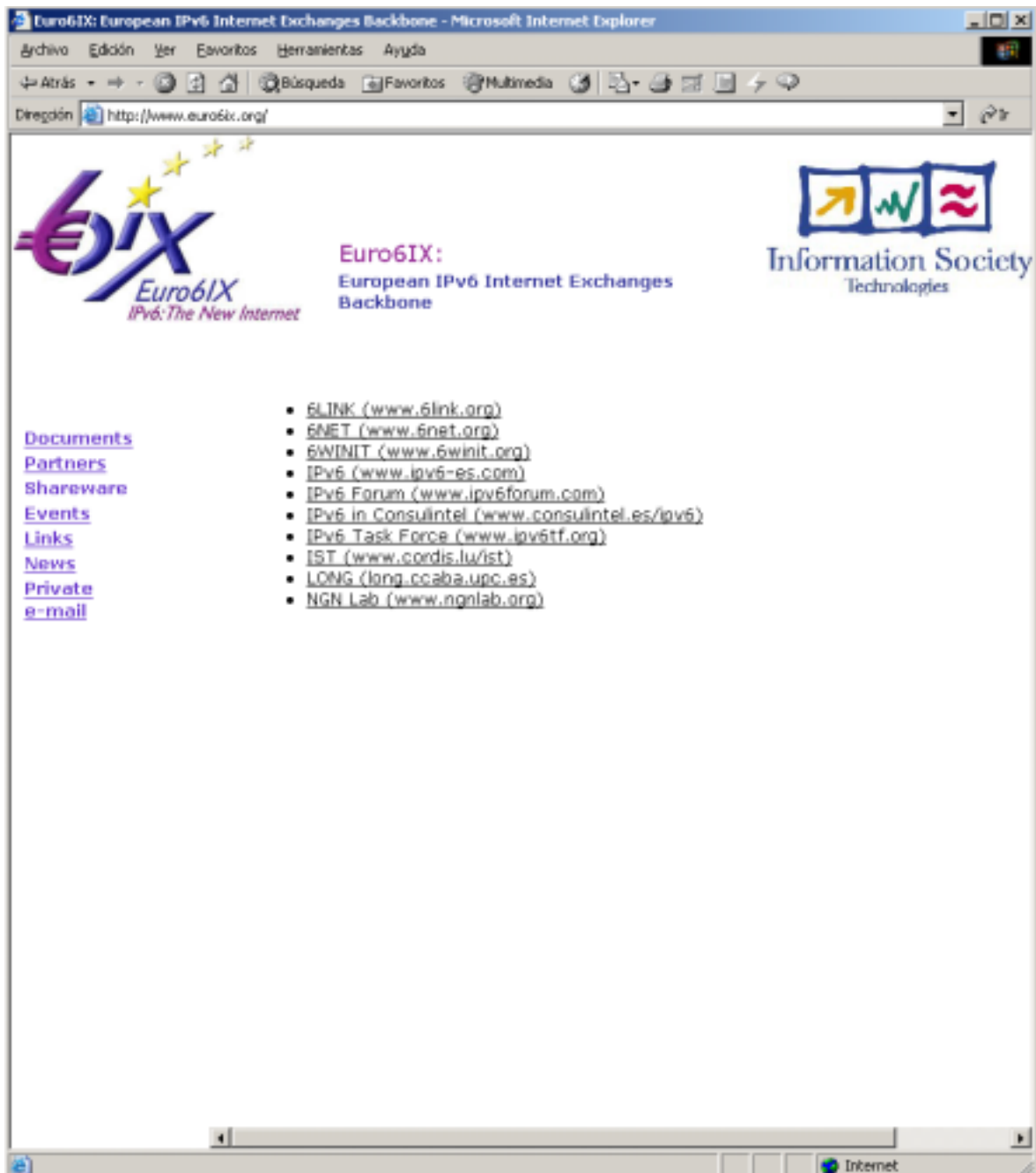


Figure 3-4: Link Page

### 3.6 News

Two kind of news are included in different sub-sections: General news, related to IPv6, and Euro6IX specific news.

The Project specific news will include press releases, applications made public, presentations to be done by the project participants in different conferences, and major milestones of the project, among others.

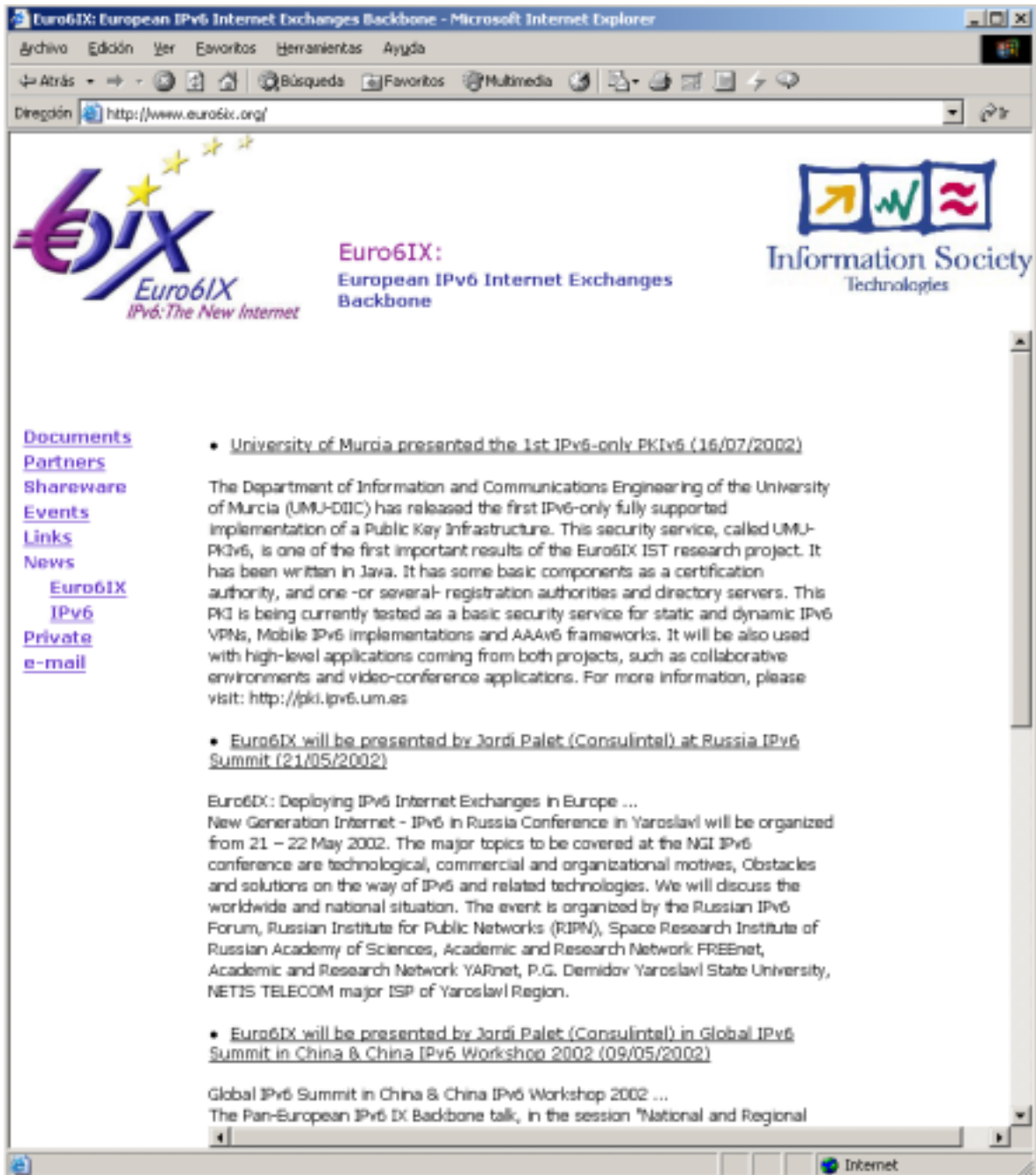


Figure 3-5: News Page

## 4. PRIVATE AREA

The Private web space has two partitions: Project FTP space and Mail Exploders.

In both cases, the access is secured and username/password are required.

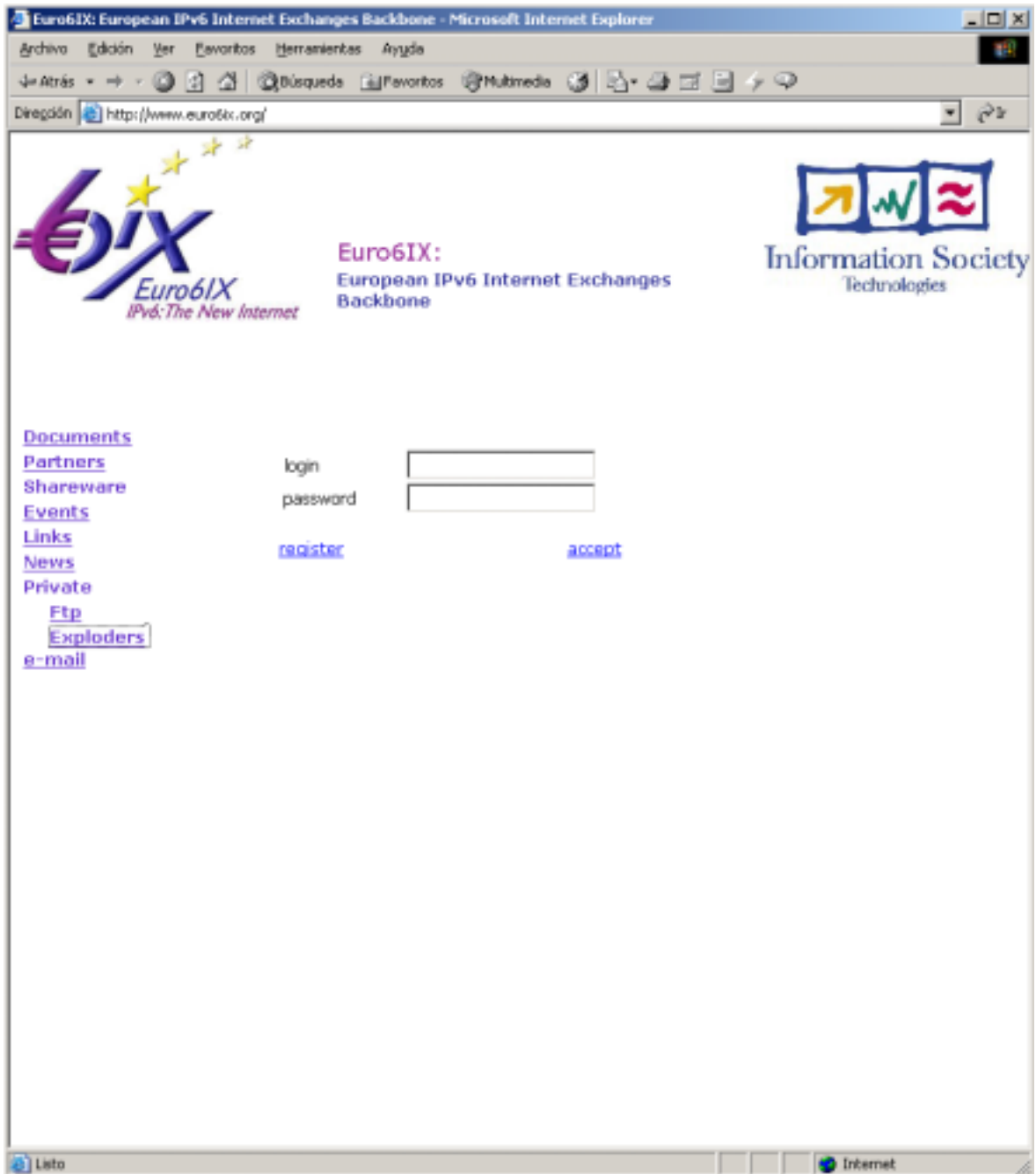


Figure 4-1: Secure Access to the Exploders Private Area

## 4.1 Project FTP

All the documents, contributions, deliverables, intermediate work, etc., relevant to the project and the project participants, are organized hierarchically in different folders with a very natural organization in reference to the project Work Packages, Activities, Deliverables and so on.

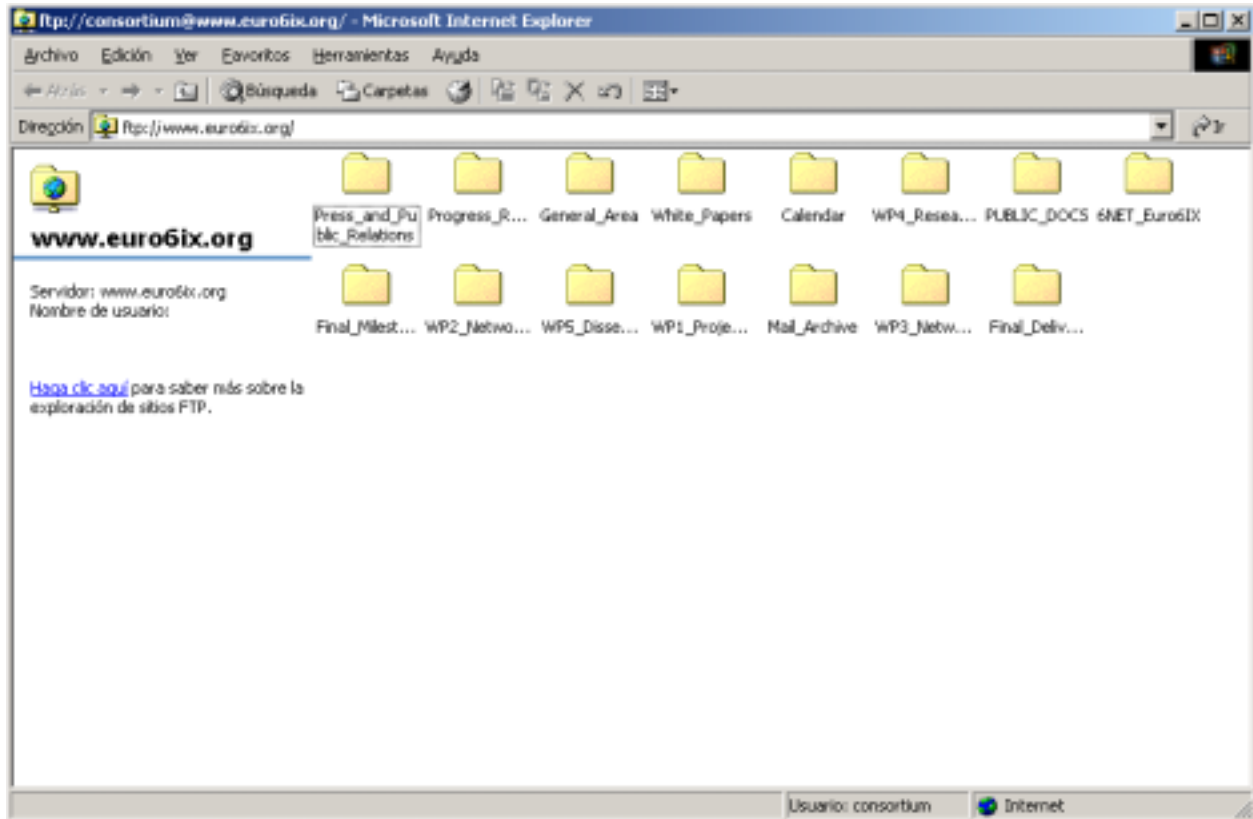


Figure 4-2: View of the FTP folders

## 4.2 Mail Exploders

All the emails sent to the project exploders are being archived in a data base system, in order to facilitate search of any kind and according different parameters.

In order to facilitate the work, a tool that allows the search of the text has been created. This search can be done on any specific email list, and according to several fields (subject, body, date, size, ...).

**Euro6IX:**  
European IPv6 Internet Exchanges  
Backbone

Information Society  
Technologies

**Euro6IX**  
IPv6: The New Internet

Documents  
Partners  
Shareware  
Events  
Links  
News  
Private  
e-mail

Search

From:  Date:  Subject:  
 Attachments:  Body:  To:

**Work package list**

Work Package	Messages
<a href="#">WP1</a>	Messages: 5
<a href="#">WP2</a>	Messages: 37
<a href="#">WP3</a>	Messages: 5
<a href="#">WP4</a>	Messages: 76
<a href="#">WP5</a>	Messages: 95
<a href="#">A3.1</a>	Messages: 0
<a href="#">A3.2</a>	Messages: 0
<a href="#">A3.3</a>	Messages: 0
<a href="#">A4.1</a>	Messages: 9
<a href="#">A4.2</a>	Messages: 7
<a href="#">A4.3</a>	Messages: 9
<a href="#">A4.4</a>	Messages: 0
<a href="#">EURO6IX</a>	Messages: 648

[Back](#)

**Message list**

From:	Date:	Subject:
• 06/06/2002 10:42:38 Tim Chowin		<a href="#">[Euro6IX] D5.3 and meeting with 6NET {07}</a>
• 07/06/2002 22:02:12 JORDI PALET MARTINEZ		<a href="#">[Euro6IX] D5.3 and meeting with 6NET {03}</a>
• 07/06/2002 20:38:08 Carlos Ralli Ucendo		<a href="#">[Euro6IX] D5.3 and meeting with 6NET {03}</a>
• 07/06/2002 20:20:19 Antonio F. Gómez Skarmeta		<a href="#">[Euro6IX] D5.3 and meeting with 6NET {06}</a>

Figure 4-3: View of the Mail Explorer Archive and Tools

## 5. PROJECT WEB SITE USAGE

As already indicated, the project web site ([www.euro6ix.org](http://www.euro6ix.org)) has a public area, and a private one.

All the web site transactions are being logged, in order to track any kind of attack, wrong usage or similar situations.

In order to access the private area, the project participants share a common user name and password, providing unrestricted access to all the folders, files and email archives.

This password also provides access to the statistics of the web site and FTP.

This user/name and password must be securely safeguarded by all the partners and not provided in any mean, to any third party or organization not contractually bound to the project.

In the case, by error, accident or any other situation, the user name and password are lost or known by any person or entity not related to the project, the partner who knows it must inform immediately to the rest of the Consortium, by means of an email to the plenary exploder, so the parameters are changed urgently, in order to warranty the confidentiality and any possible IPRs from the partners or project itself.

In the future it could be considered to establish several access levels, in order to support, for example, sponsors accessing to part of this private area, the EC services, other participants of the IST program, and so on.

## 6. SUMMARY AND CONCLUSIONS

The project web site was created ahead of the project launch.

It is continuously updated with new information related to the project and with IPv6 related issues. The structure of the website both in public and private space have been structured for easy access of information. The mail archive and the search engines, as well as agenda maintenance are special features incorporated into the web site.

All partners of the consortium for internal communication and document exchange are using the platform very effectively.