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Abstract: <p>This document is a summary of the more relevant information of the project, including the objectives, technical approach, key issues, and expected impact.</p> <p>Includes also the list of participants.</p>
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Keywords: <p>Objectives, Technical Approach, Key Issues, Expected Impact</p>
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Revision History

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

Revision	Date	Description	Author (Organization)
v1.0	30/07/2002	Document creation	A. Bulanza (ULB)
v1.1	20/08/2002	Review	P. Van Binst (ULB)
v1.2	09/09/2002	Update to new Template	Jordi Palet (Consulintel)

Executive Summary

This document is a summary of the Eurov6 project more relevant information, including the objectives, technical approach, key issues, and expected impact.

Includes also the list of participants.

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1. RELEVANT DATA


Project acronym:	Eurov6	
Project name:	The European IPv6 Showcase	
Contract no.:	IST-2001-38200	
Project duration:	24 months	
IST Action Lines:	IST-2002-VII.1.2, VIII.1.8	
Clusters:	IPv6, Mobile Services and App.	
Total Cost:	645.165 €	
EC Funding:	442.691 €	

Figure 1-1: Relevant Project Data

The Eurov6 project is in line with the current policy of the European Commission, which has recognized the growing importance of IPv6 and has made it a policy to adopt IPv6 for next generation networks.

Eurov6 will build an IPv6 applications and services showcase by bringing together devices and systems vendors as sponsors.

The Eurov6 will act as a catalyst; it will let different interests converge, from users, vendors, operators, ISPs, researchers, universities, IST networks and applications projects.

This Deliverable describes the main objectives, the technical approach, and the impact expected from the European IPv6 showcase project.

2. MAIN OBJECTIVES

The principal objective of the Eurov6 project is to show the usage of IPv6 products and services and their impact to anyone at anytime.

For this purpose, the following actions have to be performed:

- Bringing together vendors as sponsors to test and demonstrate their devices and systems.
- Showing various users applications based on IPv6 products and services, permanently at a few locations in Europe (“fixed showcase”), which can be visited physically or accessed remotely through telematic means,
- Organizing temporary demonstrations at different locations and /or significant events like INTEROP (concept of “nomadic Showcase”).

The Eurov6 Showcase will obtain sponsoring of organisations who have the commercial and beta prototype network components, devices and applications for building a Showcase, in order to show the users all functionalities, features and benefits, in such a way that entrepreneurs identify major investment potentialities to reap the benefits and also to contribute towards developing a healthy information society.

The Eurov6 project, with its permanent test-bed/demonstration centers in Basel, Brussels and Madrid interconnected to other IPv6 initiatives and experiments through 6NET, Euro6IX, GEANT and other national networks will allow the user community to experiment and trial their new applications, network and protocol features to all interested parties and in particular to policy makers, political leaders and industrial strategists, to promote IPv6 technology with its rich features.

The Eurov6 Showcase will also be presented as a portable packaged unit, so that the project can move the IPv6 technology package to as many events as possible (INTEROP, others) to show the European competence to the public at large.

3. TECHNICAL APPROACH

According to the project objectives, and in order to develop the permanent and nomadic versions of the showcase, the following steps have been identified and will be followed:

- (1) Develop a concept of IPv6 Showcase with a range of devices, network subsystems, applications and connectivity to different user premises or demo centers.
- (2) Identify the vendors and their products for availability and their usability in the scenario so developed.
- (3) Establish contacts to key marketing people through the IPv6 Task Force (European and others), IPv6 Forum, IPv6 Cluster, different IST project partners (6LINK, NGN-LAB, 6WINIT, GEANT, 6NET and Euro6IX, among others), the Commission services, and any other available options that we can consider during the project life.
- (4) Plan a stable network and applications scenarios from the users point of view (simplicity and straightforwardness) so that the features are visible and not the complex networking issues.
- (5) Identify the locations of a few permanent showrooms, where the demonstrations are generally available round the year and special demos targeted to particular types of visitors that can be arranged at short notice. Obvious candidates are Brussels and Basel, which constitute the NGN-LAB infrastructure as well as Madrid because of the involvement of CONSULINTEL in Euro6IX.
- (6) Get the sponsoring of connectivity, devices, systems and services, applications from the vendors and ISPs for integrating the system.
- (7) Build a prototype demo system and maintain it, including packaging and documentation.
- (8) Build a plan to illustrate different aspects of IPv6 remotely from some networked centers around Europe and help the local personnel of different centers to develop their own user manuals.
- (9) Plan to take the demo Showcase to different events (including INTEROP) and other international exhibits.
- (10) Provide a living IPv6 Internet environment in such events with active participation in these events.
- (11) Define appropriate information dissemination and public relations policy, as well as relations with the press and the media, and conduct the corresponding activities.
- (12) Establish a project web site, which will describe the package and its availability, list the forthcoming information dissemination events and report about the previous ones.
- (13) Include the sponsors in the web site, in order to reward their contribution and increase their participation.

4. KEY ISSUES

In summary Eurov6 will contribute to the IST Program Objectives in many ways:

- Providing a technology showcase that illustrates the actual and rapid deployment of the IPv6-based services and applications; allowing assessing, validating and improving architectures and protocols.
- Showing IPv6 integrated products and demonstrating the technologies with selected applications to validate their exploitability, for commercial success.
- Providing incentives for increasing the user demand for the services, and the supplier ability to meet the demands.

5. EXPECTED IMPACT

The main result expected from the Eurov6 project is the stimulation and promotion of the dissemination of IST research activities and innovations, helping the maximization of the exploitation of results and their socio-economic and policy implications.

And from a policy perspective, the results of Eurov6 include:

- Supporting technological developments, in areas such as: data security across heterogeneous networks spanning across terrestrial and mobile networks.
- Reinforcing the links to industrial consensus development to ensure coherence in EU-wide technology deployment and in creation of new open framework for fair competition and fast innovation.
- Anticipating market needs and nurturing emerging technologies where the project can make a substantial impact by aggregating critical mass ahead of market maturity.
- Strengthening competitiveness of European industry in areas where Europe has a demonstrated leadership and/or in areas of strategic importance.

6. LIST OF PROJECT PARTICIPANTS

List of Participants		Coordinators Contact Details
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Figure 6-1: List of Project Participants