



**Facilitate  
Global, Strategic &  
Innovative**



## **Next Generation Networks**

### **Platforms & Solutions**

#### **What is the NGN Initiative (NGN-I)?**

An initiative supported by a consortium of leading Next Generation Networks (NGN) industry vendors and operators, research and education institutions, backed by the European Union's Research Programme IST (Information Society Technologies). Its prime mission is to establish the appropriate infrastructure to operate the *first* European open environment for research organisations and industry to investigate a broad range of topics and issues covering NGN evolution, and create opportunities for strategic discussions on a global scale.

#### **Mission and Objectives:**

In a dynamic, competitive and heterogeneous environment, to:

- Resolve issues that create barriers to NGN deployment
- Facilitate / Support a smooth and harmonised transition to NGN
- Achieve interoperability for seamless services demanding high quality, good performance and high security
- Achieve compatibility /commonality between the results of various NGN projects and activities
- Create an open environment for interaction
- Encourage the formal and informal clustering of activities
- Identify opportunities for convergence

#### **NGN-I Outputs**

- Technology benchmarking
- Technology roadmaps
- Co-ordinated and/or collective contributions to standardisation
- Collective awareness, publications, papers and presentations at conferences

## **Identified Topic Working Groups**

- Network Architecture and Evolution
- Access Networks
- Internet Infrastructure (i.e. IPv6, QoS, SLA, Traffic Management)
- Interworking and Interoperability
- Mobile and Wireless
- Optical Networks
- Edge Devices
- Network Management
- Programmable Networks
- Open Networks (e.g. Parlay, Call Processing Language (CPL), Softswitches)

## **Who will benefit?**

- All who actively participate
- European and worldwide organisations involved in the field: through active participation, liaison and co-operation with international fora
- Standards bodies, organisations and associations of manufacturers and service providers, academia

## **Methodology**

- Setting up of Topic Working Groups addressing specific issues: technology watch, input to benchmarking, contribution to roadmaps and publications
- Achieving consensus and collective outputs for dissemination to the appropriate international standards bodies, fora and other organisations.
- Organise - or participate in - workshops, conferences
- Maintain a content-rich and state-of-the-art Website

## **Timeframe:**

The NGN-I project started in January 2001 and will be funded by the European Commission until the end of December 2002. Beyond this period, the plan is to continue the NGN-Initiative through a self-funding structure.

## **Website:**

For more information, including an electronic version of the Membership Application, see:  
<http://www.ngni.org>

## **NGN-I Congress Event**

A yearly NGN-I Congress will be organised to collectively address and publish the work initiatives and exhibit some selected and innovative solutions.

NGN-I will also organise workshops and participate in related professional conferences.

## **NGN-I Members**

- Membership of this category is FREE until the end of 2002.
- *NGN-I Members* are invited to participate to all the technical meetings/workshops, and to influence, follow, discuss, present, endorse, the selection of topics of importance for NGN. Members are encouraged to take part in Web discussions, and to provide input to (and comment on) the roadmaps, benchmark reports, and standards contributions.
- Members are eligible to receive funding for specific project proposals addressing NGN issues within the overall concept of the initiative.
- *Sponsoring Members* are also welcomed. For a yearly membership fee of €1500, such Members have access to NGN-I documents and obtain visibility within the context of such a worldwide undertaking, by (as one example) placing their logo on the NGN-I Website.

## **Benefits of Membership**

The benefits of the NGN Initiative membership are as follows:

- Actively participate in the shaping of the NGN
- Members of the NGN Initiative will be encouraged to share marketing and technical experiences with new members
- Access to the areas of NGN Initiative Website and documents (reports and briefings) that are exclusive to Members
- Participation in NGN Topic Working Groups , meetings/workshops
- Network with ISPs, NGN solution providers
- Have your company listed on the NGN Initiative Website
- Learn about new NGN applications and strategies
- Receive funding for the project proposals addressing NGN issues.

## **Current approved funded project activities**

Four projects are currently running involving official NGNI members with funding provided by the NGN Initiative. The addressed issues are:

1. Access networks
2. Seamless mobility
3. QoS in IPv6 MM services
4. Network management

The status of these projects and the deliverables are available on the NGNI website for all NGNI members.



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**MEMBERSHIP CONFIRMATION & TOPIC PROPOSAL FORM**

(Please complete and fax to the NGN Initiative secretariat)

**NEXT GENERATION NETWORKS INITIATIVE 2001**  
**APPLICATION FORM**

Name :	
Title :	Department :
Company :	
Address :	
Tel :	Fax :
Email :	

Member <input type="checkbox"/>	Sponsoring Member <input type="checkbox"/>	
<b>Interest in the existing Topic Working Groups:</b>		
<input type="checkbox"/> IPv6	<input type="checkbox"/> QoS	<input type="checkbox"/> Optics
<input type="checkbox"/> Management	<input type="checkbox"/> Interoperability	<input type="checkbox"/> Evolution
<b>Suggestions for new Topic Working Groups:</b>		
<input type="checkbox"/> Security	<input type="checkbox"/> Grid	<input type="checkbox"/> Routing
<input type="checkbox"/> Programmable Networks	<input type="checkbox"/> Mobile Wireless Networks	
<input type="checkbox"/> Naming & Addressing	<input type="checkbox"/> DNS, DNSsec	
<input type="checkbox"/> Indicate your topic here: -----		

**AGREEMENT**

I hereby confirm my acceptance of the NGN-I invitation to become a Member in this Initiative, and will sign the formal membership agreement (required by the European Commission in order to be reimbursed for work performed). In the case of any incidents barring my participation at this project, I agree to seek alternative representations from my company or external contacts, to fulfil my engagement.

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Date