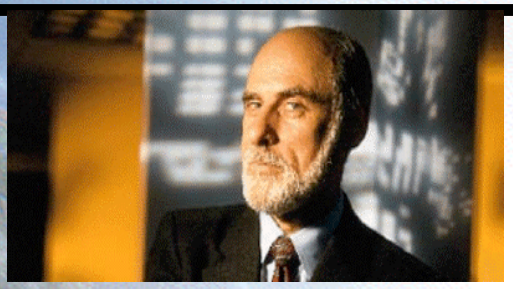
IPv6
FORUM
IPv6
FORUM

IPv6 FORUM
IPv6 FORUM
IPv6
21st CENTURY
INTERNET
IPv6 FORUM

IPv6 FORUM

IPv6 FORUM

Supported by:



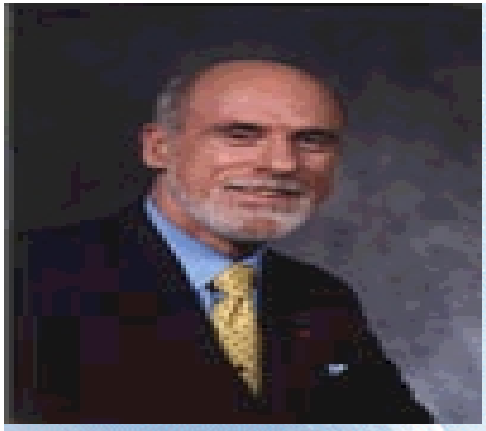
Internet Society

I E T F

Internet Architecture Board (IAB)

IPv6 WG

IPv6 FORUM



IPv6 Forum BOARD

- Honorary Chairman: Vint Cerf

Latif LADID
Preisdent

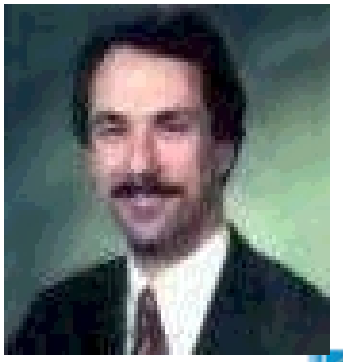
Jim Bound
Compaq

Bob Hinden
Nokia

Bob Fink- ESNet

Patrick Cocquet
6WIND

Takashi Arano
Global Crossing



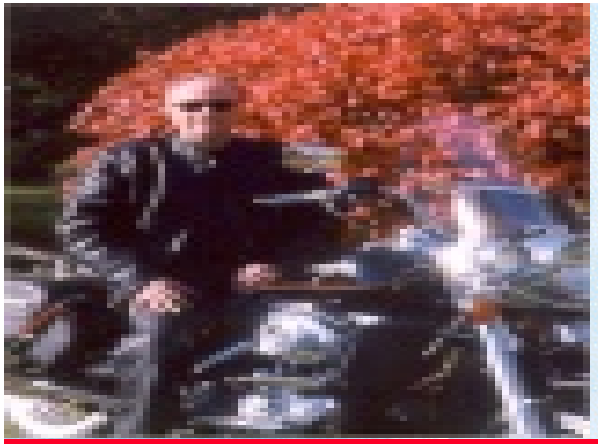
Marc Blanchet,
Viagenie

Current IPv6 Forum ENTITIES:

- IPv6 PROMOTION GROUP

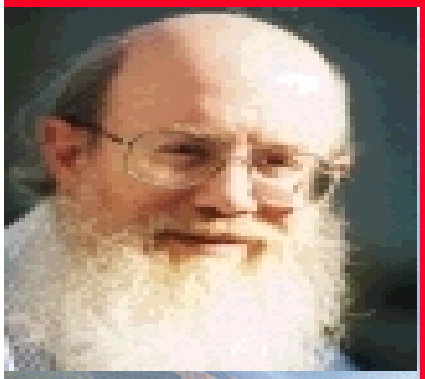
  - IPv6 Education & Awareness Programs
  - IPv6 Projects
  - Global IPv6 Summit/Conferences
  - IPv6 Public Relations
  - IPv6 Forum Strategic Alliance Program

- IPv6 TECHNICAL DIRECTORATE



IPv6 Technical Directorate

Chair: Jim Bound



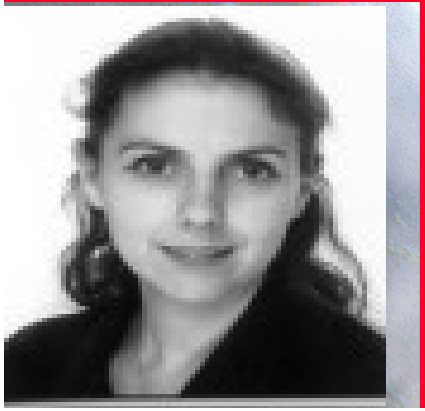
Scott Bradner

Brian Carpenter

Steve Deering

Christian Huitema

Allison Mankin



Yanick Pouffary

Charlie Perkins

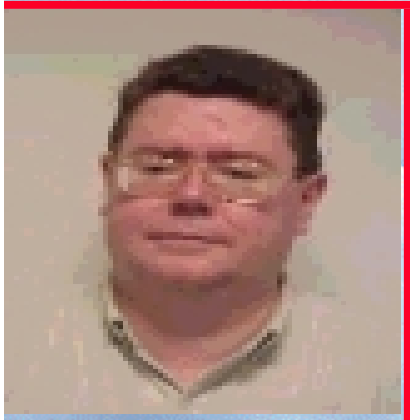
Thomas Narten

Erik Nordmark

Thomas Ecklund

IPv6 FORUM

IPv6 Technical Directorate



Francis Dupont

Alain Durand

Tim Chown

Henk Steenman

Stephen Hayes

Stig Venas

Carl Williams

Jordi Palet

Matt Crawford

Dale Finkelson

Peter Tattam

Brian Haberman

IPv6 FORUM

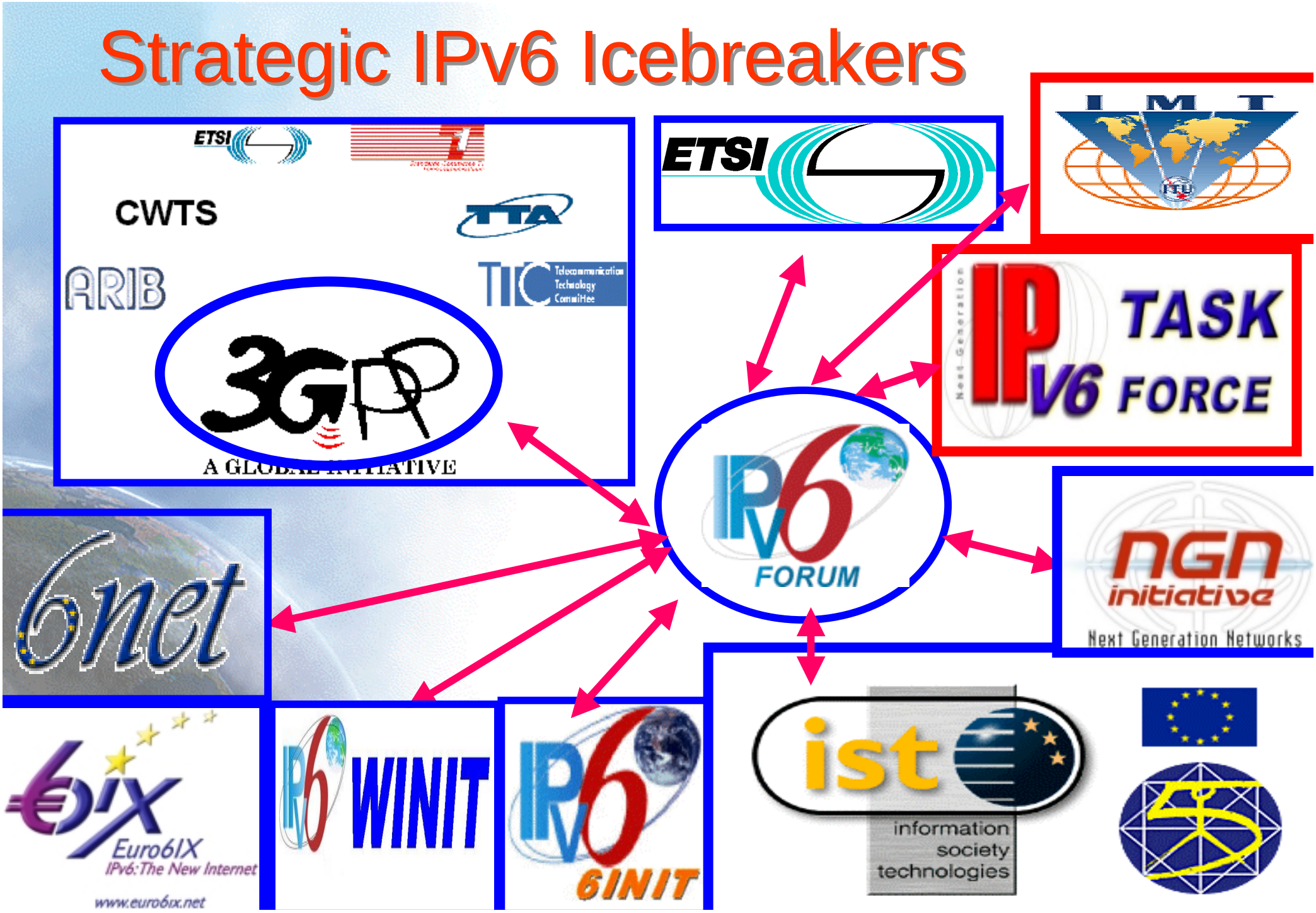
IPv6 Technical Directorate

- **Definition and goals of this Directorate:**
  - **Responsible for technical part of the Forum**
  - **Gives direction and advice to Forum and industry**
  - **Make the link between IETF and industry (both ways)**

2003 IPv6 Forum SUMMITS

COMMITTED GLOBAL IPv6 SUMMITS	Organisor	Status	Date	Place
Bangalore IPv6 Summit	IPv6F India		Jan 23-25	Bangalore
Taipei IPv6 Summit	IPv6F Taiwan		Feb 23-25	Taipei
China IPv6 Summit	IPv6 Forum		April 2-4	Beijing
Madrid IPv6 Summit	IPv6 Forum		May 12-14	Madrid
North American IPv6 Summit	IPv6 Forum		June 24-27	San Diego
Seoul IPv6 Summit	Korea v6 Forum		July 3-4	Seoul
Belgian IPv6 Summit	Belgian IPv6TF		Sep 22-26	Brussels
Kuala Lumpur IPv6 Summit	IPv6F Malaysia		Oct 20-22	Kuala Lum
US IPv6 Summit	IPv6 Forum		Dec 9-11	Washingto

Strategic IPv6 Icebreakers



Worldwide IPv6 Forum Chapters

IPv6 Forum:

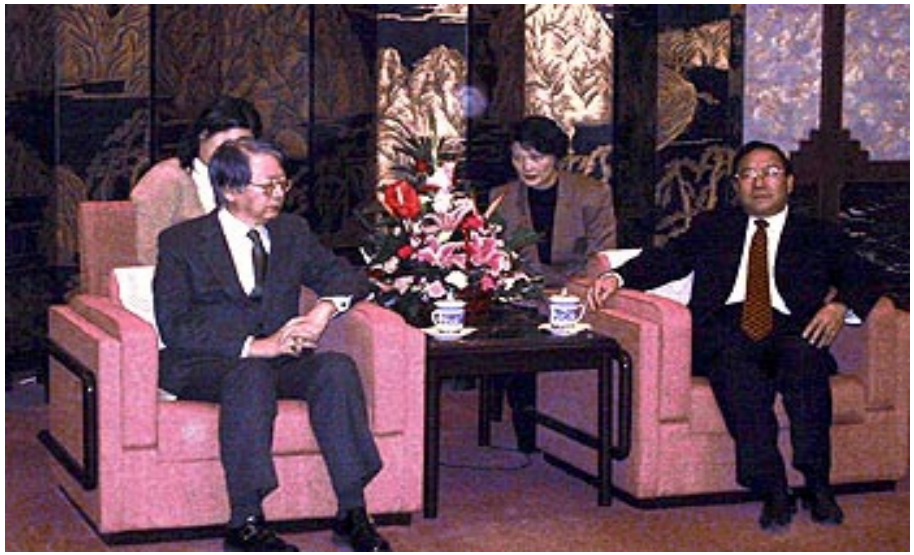
Russia
Malaysia
Mexico
Singapore
Tunisia
Brazil
Saudi Arabia
Morocco.

Worldwide Partnership

100% IPv6 readiness by 2005

- Prime Mister of Japan Yoshiro Mori

- Korean MIC followed Japan Feb 23, 2001
- The 7th Japan-China Regular Bilateral Consultation Dec 2001



The European Commission Formed an IPv6 Task Force in March

- Commis…
  Erkki Liikanen

- Recommendations
  Reports Jan 2002
  www.ipv6tf.org

- 6NET & Euro6IX Large.Scale
  Testbeds 34 M€

Next Generation IP V6 TASK FORCE

Clear roadmap towards IPv6 !

Bob Kahn Conclusions

- *IPv6 is under hyped (for what it really will do)*
- *Industry cannot make it happen*
- *DOD must return to leadership*

Policies in Focus
National Security
Homeland Security
Economic Security
More Issues
En Español

News
Current News
Video
Press Briefings
Proclamations
Executive Orders
Radio Addresses

News by Date
April 2003
March 2003
February 2003
January 2003
December 2002
November 2002
October 2002
September 2002
August 2002
July 2002
June 2002
May 2002
April 2002
March 2002
February 2002
January 2002
December 2001
November 2001
October 2001
September 2001
August 2001
July 2001
June 2001
May 2001
April 2001
March 2001
February 2001
January 2001

Appointments
Nominations
Application

Photos
Photo Essays

Federal Facts
Federal Statistics

History

DOD Commits to IPv6

(Click here to download entire Strategy)

The National Strategy to Secure Cyberspace

The *National Strategy to Secure Cyberspace* is part of our overall effort to protect the Nation. It is an implementing component of the *National Strategy for Homeland Security* and is complemented by a ***National Strategy for the Physical Protection of Critical Infrastructures and Key Assets***. The purpose of this document is to engage and empower Americans to secure the portions of cyberspace that they own, operate, control, or with which they interact. Securing cyberspace is a difficult strategic challenge that requires coordinated and focused effort from our entire society, the federal government, state and local governments, the private sector, and the American people.

Mr. John L. Osterholz

West Wing

The EC IPv6 Task Force
http://www.ec.ipv6tf.org

European Commission

English Spanish

Information Society Technologies

INFO DOCS | MEETINGS | PRESS ROOM | LINKS | T.F. MEMBERS | PRIVATE 1st Phase FINAL REPORTS

Erkki Liikanen

"Our objective is to ensure that Europe's competitiveness in wireless technology is not jeopardised by the lack of a clear road map towards IPv6," European Enterprise Commissioner Erkki Liikanen said in his opening speech to the IPv6 Task Force.

European Commission
IPv6 Task Force

Dr. Vinton Cerf

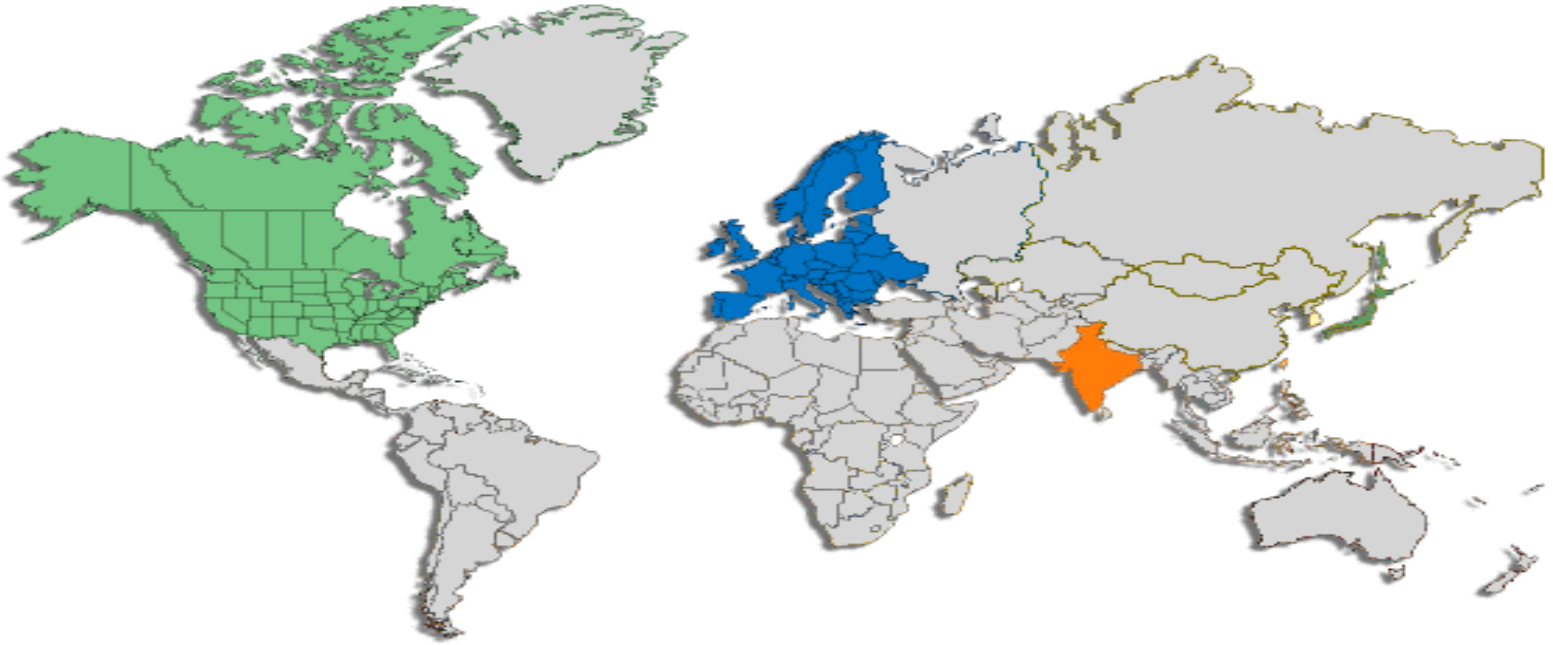
"The value of IPv6 can be realized only if the deployment effort is broadly based on a global scale. Part of the IPv6 Task Force effort needs to be devoted to fostering IPv6 understanding where ever the Internet has gone, and beyond that to places where it can go with the help of the much-expanded IPv6 address space.

I encourage your initiative and support your efforts to create a receptive environment for the development, delivery and use of IPv6 in the global Internet".

You are using IPv6 from 2001:800:40:2a44:220:e0ff:fe6b:441d

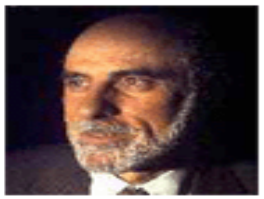
The Global IPv6 Task Force Portal: http://www.ipv6tf.org

IPv6 TF Around The World



Statistics

You are using IPv6 (2001:800:40:2a44:220:e0ff:fe6b:441d)



Dr. Vinton Cerf

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The European Portal: http://www.ipv6tf.org/europe.php

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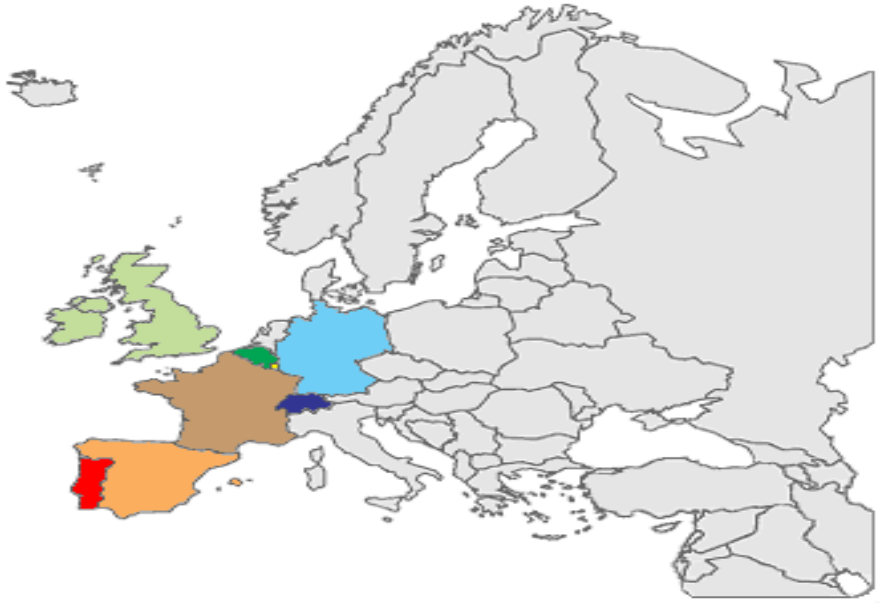
European Commission
IPv6 Task Force

European Commission

IPv6 TF Around the World

IPv6 TF in Europe

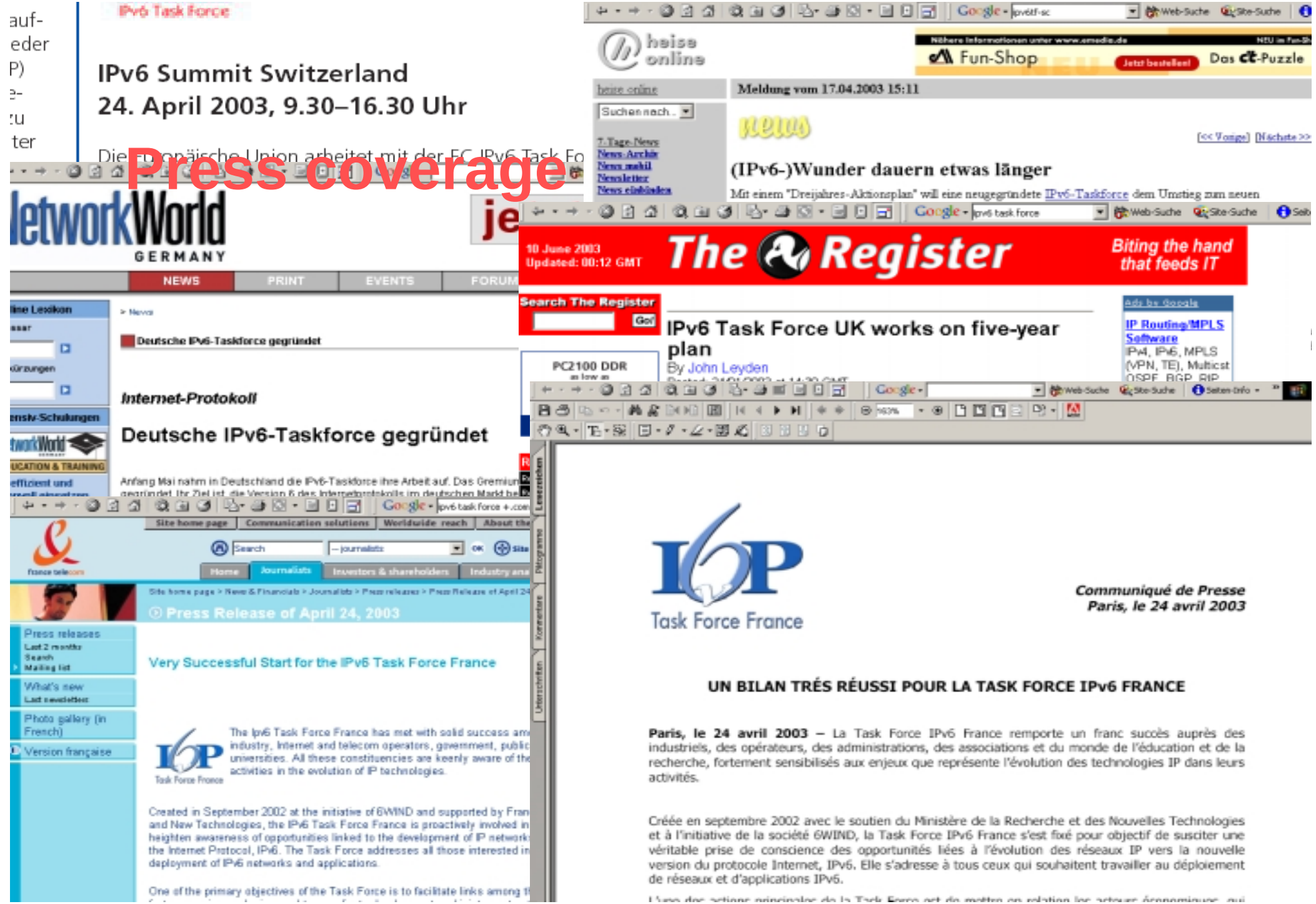


You are using IPv6 (2001:800:40:2a44:220:e0ff:fe6b:441d)

Belgium | France | Germany | Luxembourg | Portugal | Spain | Switzerland | U.K.

The National IPv6 Task Force's sites

Press coverage



IPv6 Task Force

IPv6 Summit Switzerland
24. April 2003, 9.30–16.30 Uhr

Die Europäische Union arbeitet mit der FC IPv6 Task Fo

heise online

Meldung vom 17.04.2003 15:11

news

(IPv6-)Wunder dauern etwas länger

Mit einem "Dreijahres-Aktionsplan" will eine neugegründete IPv6-Taskforce dem Umstieg zum neuen

NetworkWorld GERMANY

NEWS PRINT EVENTS FORUM

Deutsche IPv6-Taskforce gegründet

Internet-Protokoll

Deutsche IPv6-Taskforce gegründet

Anfang Mai nahm in Deutschland die IPv6-Taskforce ihre Arbeit auf. Das Gremium

The Register

10 June 2003
Updated: 00:12 GMT

Biting the hand that feeds IT

Search The Register

IPv6 Task Force UK works on five-year plan

By John Leyden

IP Routing/MPLS Software

IPv4, IPv6, MPLS (VPN, TE), Multicast

Site home page | Communication solutions | Worldwide reach | About the

Home | Journalists | Investors & shareholders | Industry ana

Press Release of April 24, 2003

Very Successful Start for the IPv6 Task Force France

The Ipv6 Task Force France has met with solid success amo
industry, Internet and telecom operators, government, public
universities. All these constituencies are keenly aware of the
activities in the evolution of IP technologies.

Created in September 2002 at the initiative of 6WIND and supported by Fran
and New Technologies, the IPv6 Task Force France is proactively involved in
heighten awareness of opportunities linked to the development of IP network
the Internet Protocol, IPv6. The Task Force addresses all those interested in
deployment of IPv6 networks and applications.

One of the primary objectives of the Task Force is to facilitate links among t

Task Force France

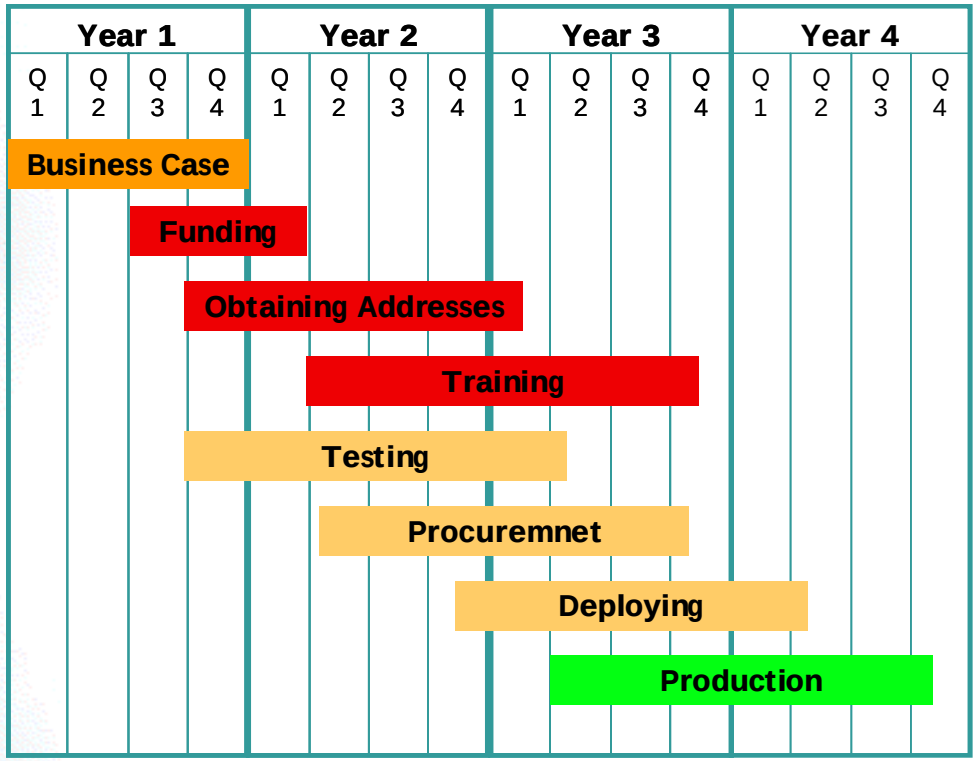
Communiqué de Presse
Paris, le 24 avril 2003

UN BILAN TRÉS RÉUSSI POUR LA TASK FORCE IPv6 FRANCE

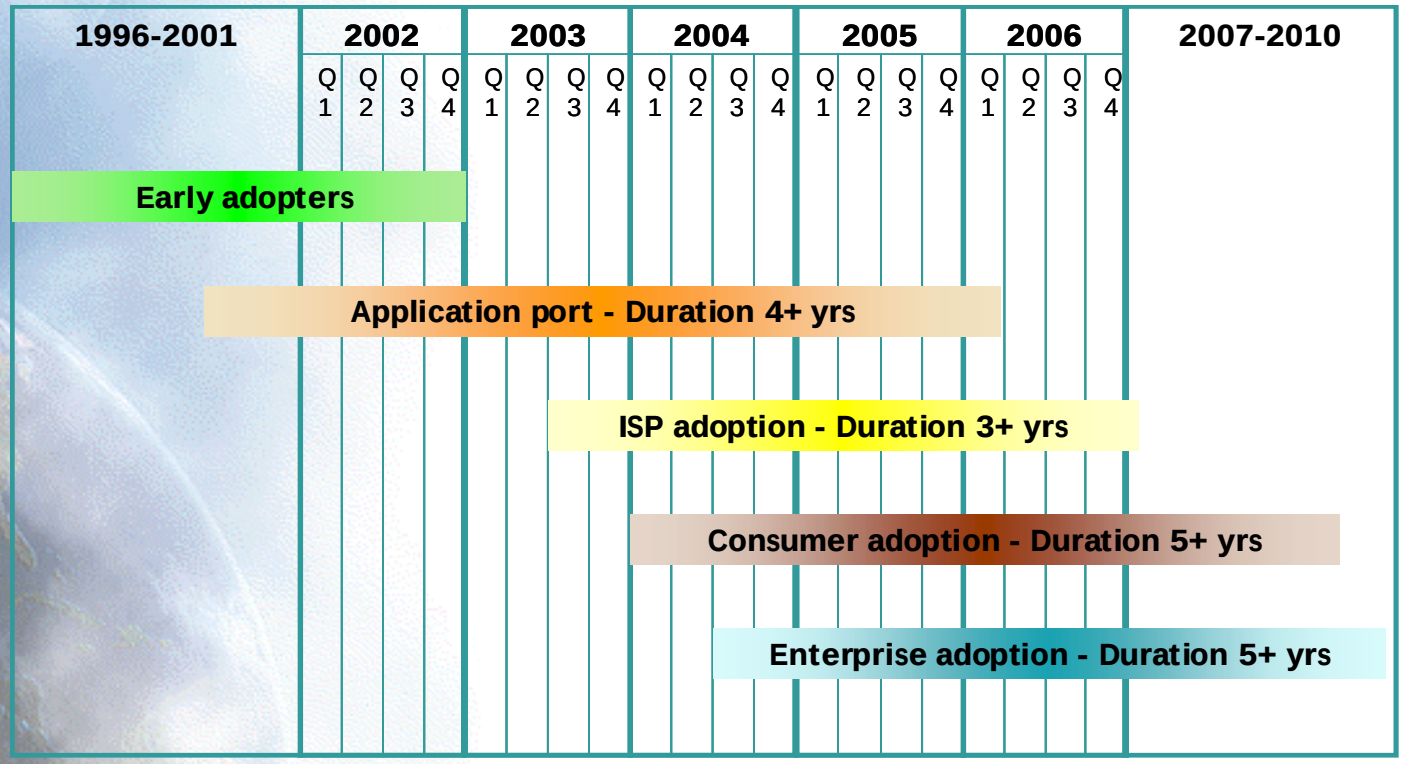
Paris, le 24 avril 2003 – La Task Force IPv6 France remporte un franc succès auprès des industriels, des opérateurs, des administrations, des associations et du monde de l'éducation et de la recherche, fortement sensibilisés aux enjeux que représente l'évolution des technologies IP dans leurs activités.

Créée en septembre 2002 avec le soutien du Ministère de la Recherche et des Nouvelles Technologies et à l'initiative de la société 6WIND, la Task Force IPv6 France s'est fixé pour objectif de susciter une véritable prise de conscience des opportunités liées à l'évolution des réseaux IP vers la nouvelle version du protocole Internet, IPv6. Elle s'adresse à tous ceux qui souhaitent travailler au déploiement de réseaux et d'applications IPv6.

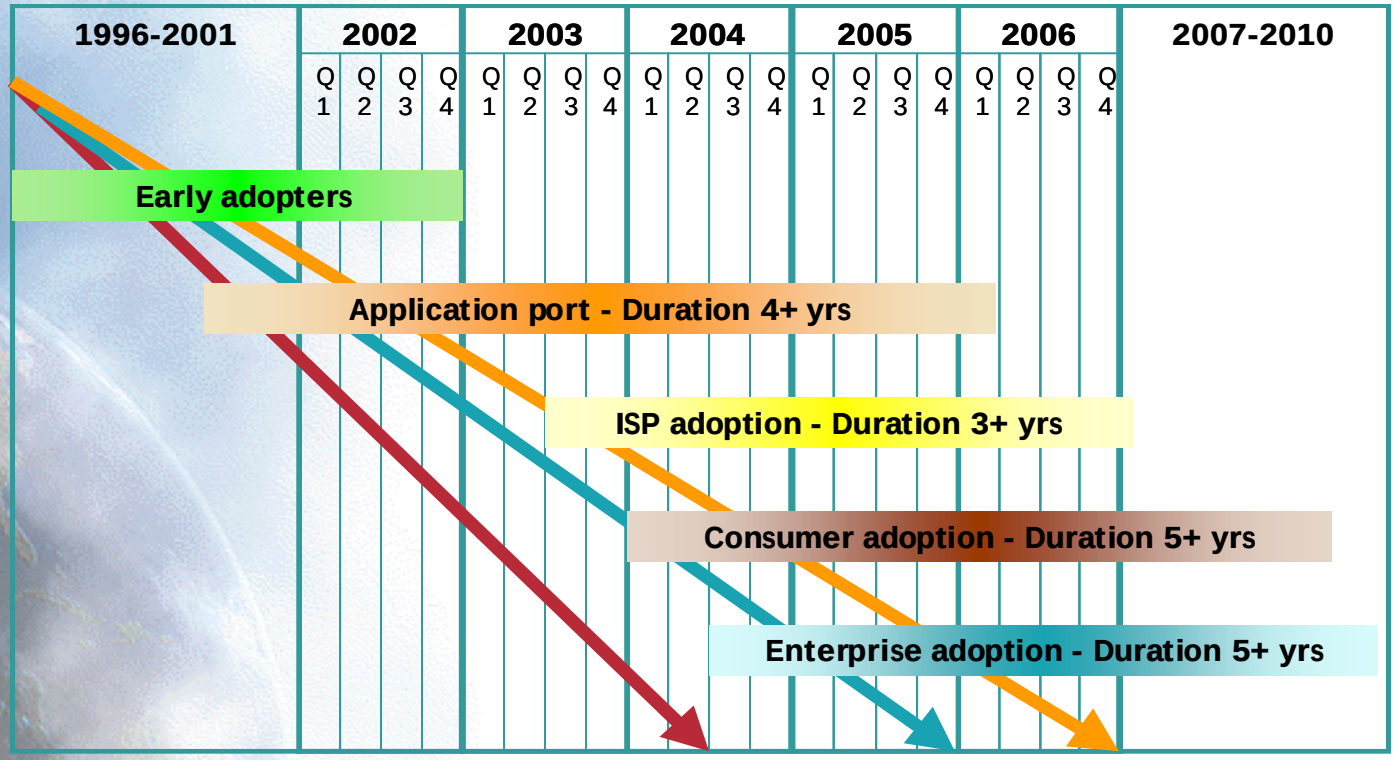
Overview on expected Roll-Out



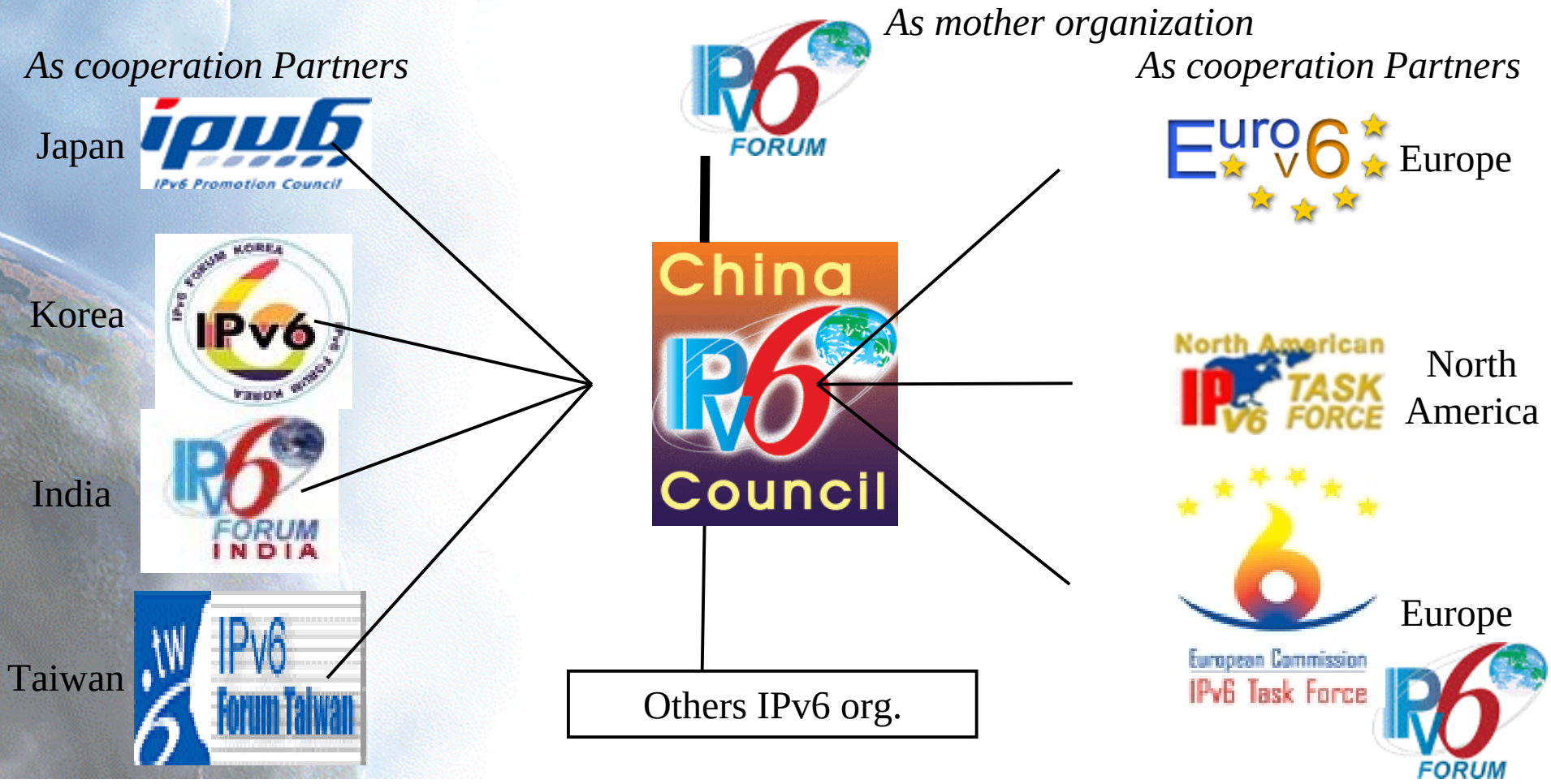
IPv6 Strategic Roadmap for expected IPv6 Rollout



Expected IPv6 Rollout: Japan, Europe, USA



The China initiative



Description of coordination activities: The Kick-off Meeting 2003/4/4 (during Global IPv6 Summit 2003 in China)

- Meeting Members:

Latif Ladid (IPv6 Forum, Chair)
Patrick Cocquet (IPv6 Forum, vice-Chair)
Jun Murai (WIDE, President)
Hiroshi Esaki (WIDE, v6PC, board)
Robert Hinden (IETF IPng WG, co-Chair)
Paul Wilson (APNIC, Director Ganeral)
Liu Dong (BII)
Lei Zhenzhou (CATR,MII)
Lu Ricky Le (BII)
Hua Ning (BII)
Zhang Hongke (North Jiaotong Uni.)
Lai Xiaorong (Beijing Capital)

- Conclusion:
  - Kick-off a China IPv6 Council as a volunteer organization
  - After consensus of IPv6 Forum board, start promotion in Madrid Summit

International cooperation between China, Korea, Japan, the US and Europe. (Korean Press Clipping)

IPv4 Had Hard Time To be Adopted!

So, Why Should it be Different for IPv6?

IPv4	IPv6
IP design (v1-3) 73-78	IPv6 defined in 92-95
IPv4 ready in 78	IPv6 ready in 98
IPv4 testing and promotion from 78-82	IPv6 Testing & promotion 98-05
IPv4 Deployment Jan 1, 83	IPv6 in 2006 widely accepted

US Congress approves use of NSFNET for commercial traffic 92

USG and US Military pursued OSI via NIST from 86-95

USG Return to IPv4 in 93

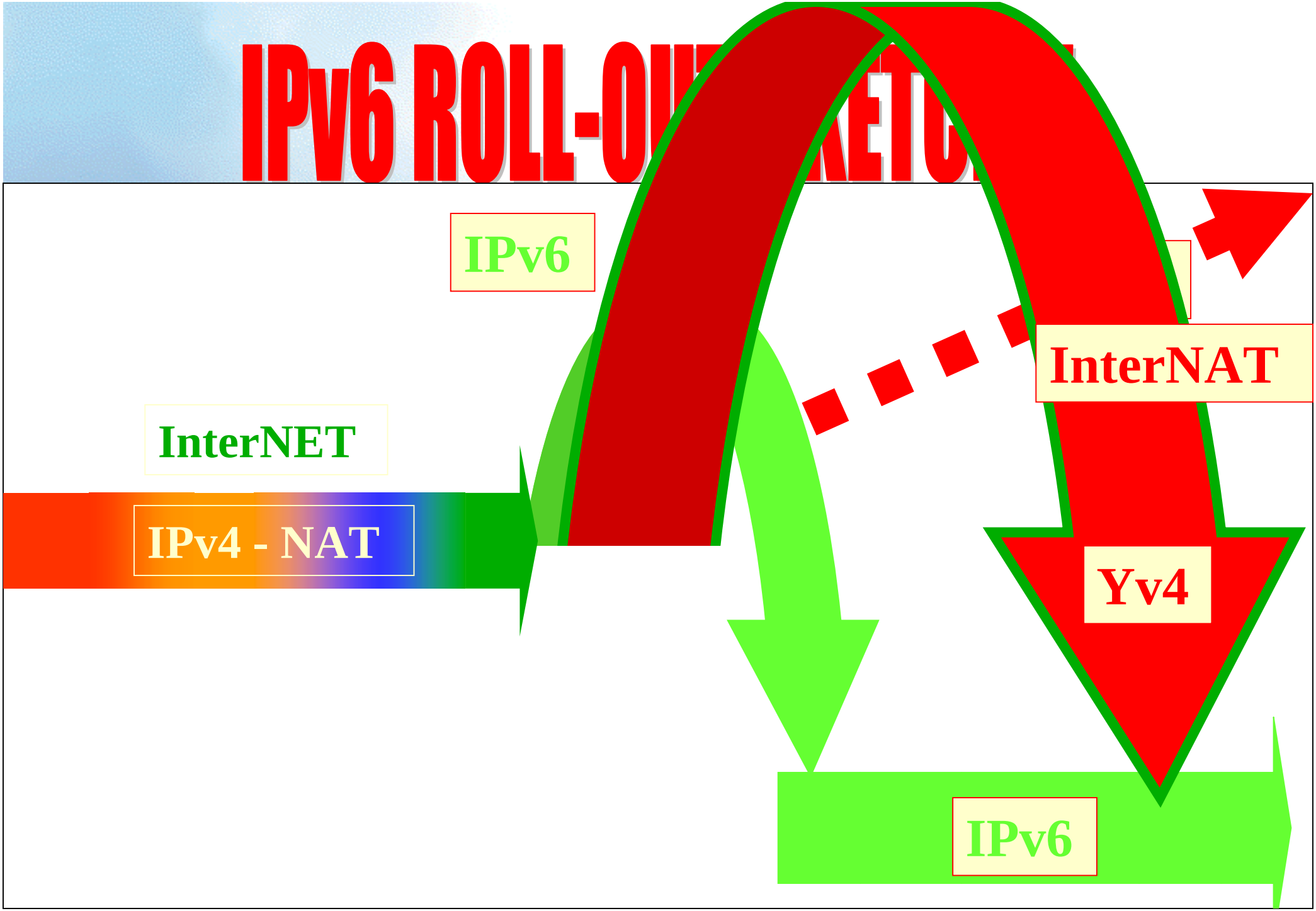
Reviewed by Vint Cerf

IPv6 FORUM

v6 Roadmap Scenaria

	Scenario 1	Scenario 2	
IPv6 Deployment	Successful	Complete Failure	
Address Transparency	Restored e-2-e	Recycling IP Addresses	Exhaustion NAT-over-NAT
IPsec	e-2-e works	Limited	Broken
FOG	Clears!	Noticeable Fog	Permanet Thick Fog
Issues	Intranet, Proxies & Firewalls may remain	Generalised use of NAPT, RSIP?	NATs between even ISPs

IPv6 ROLL-OUT



IPv6 Ready Initiative

- To avoid confusion in the mind of customers, a unique logo program has been defined.
- The IPv6 logo will give confidence to users that IPv6 is currently operational.

IPv6 FORUM

New IPv6 Initiative

Global IPv6 Showcase

IPv6 FORUM

Promotion Of Applications the Appli-Contest 2003

IPv6 Appli-Contest 2003

>>IPv6 Promotion Council

日本語 / ENGLISH

- What's New
- The Purpose of the Contest
- Awards
- On Judgment, Publication and Awards Ceremony
- Rules for Application
- Others and Contact Information
- Registration form for application
- Cosponsor

The Purpose of the Contest

The IPv6 Promotion Council is holding a contest called "IPv6 Appli- Contest 2003" from February to July. The contest will award developers of applications and software which helps to create new possibilities in the Internet world.
The Internet has spawned application and software developers in unexpected places. It is estimated that IPv6, the next generation Internet protocol, will further enhance the possibilities of the Internet.
The contest will provide an environment for developers to communicate and influence each other. The contest will also be an opportunity to show that the next-generation Internet is expected to develop and expand as a global intelligence asset.
It is our intention that applicants' submissions will be evaluated by IPv6 users and initial developers. We hope this contest helps to inspire applicants to further promote their developments and refine their ideas.
The contest is a worldwide event and will promote intercommunication amongst participants in all countries.

Professor Jun Murai
President of the IPv6 Promotion Council of Japan

Host IPv6 Promotion Council of Japan

Supporter Ministry of Public Management, Home Affairs, Posts and Telecommunications

Cooperation IPv6 TF in EU, NA TF (North America IPv6 Task Force), IPv6 Forum India, IPv6 others

Privacy statement

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http://www.v6pc.jp/apc/en/concept.html

http://www.cordis.lu/ist/rn/news_jun_03.htm

IPv6 Snippets

Ethernet shows IP the way to go

IPv6 Appli Contest

IPv6style

For people who learn, build and use IPv6

IPv6 Ready! Project
Going On Now

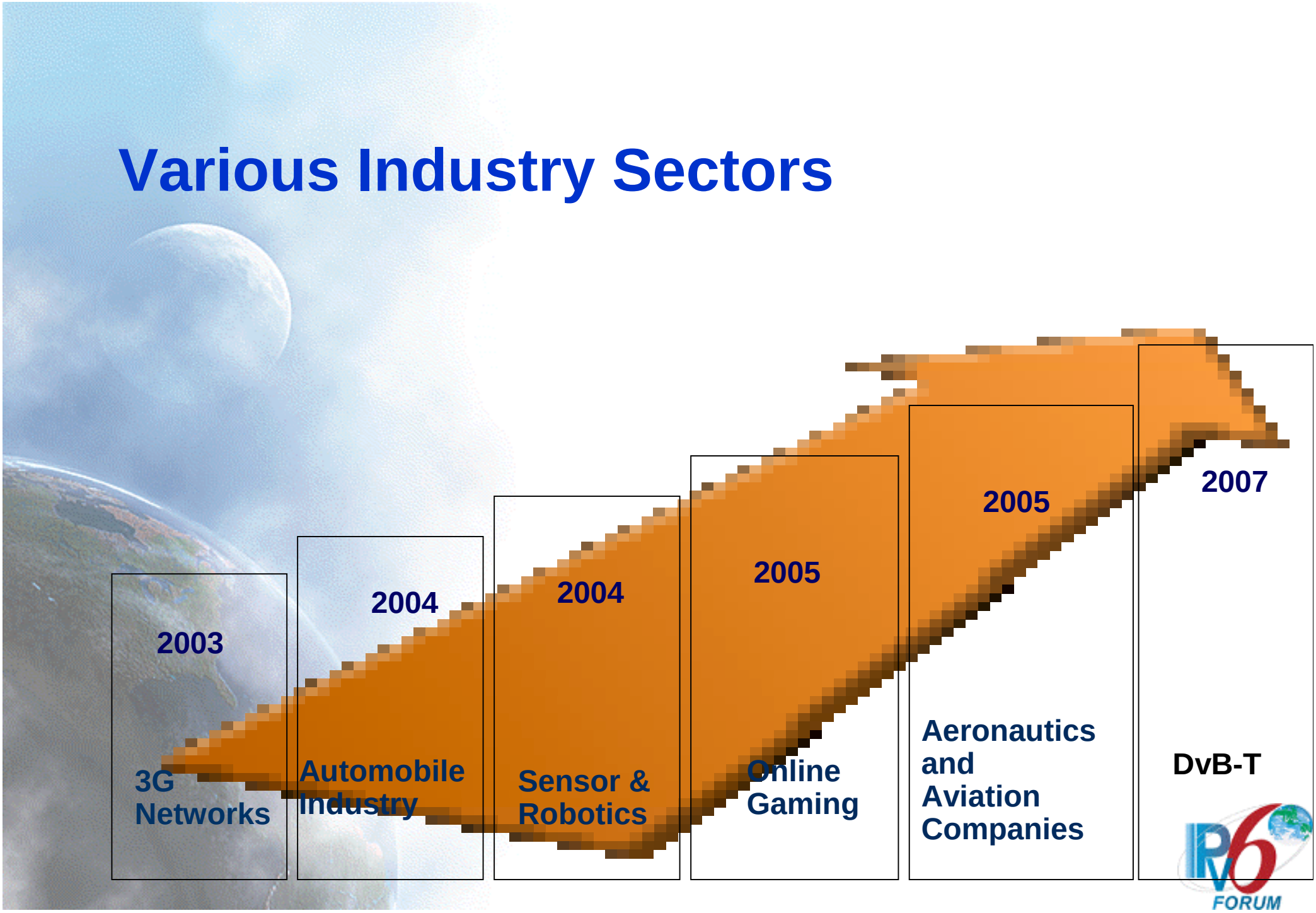
Search

IPv6 Ready! Project

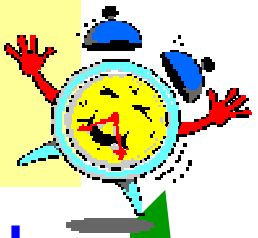
IPv6 Appli Contest 2003 Idea Award Winners (2003.5.20)

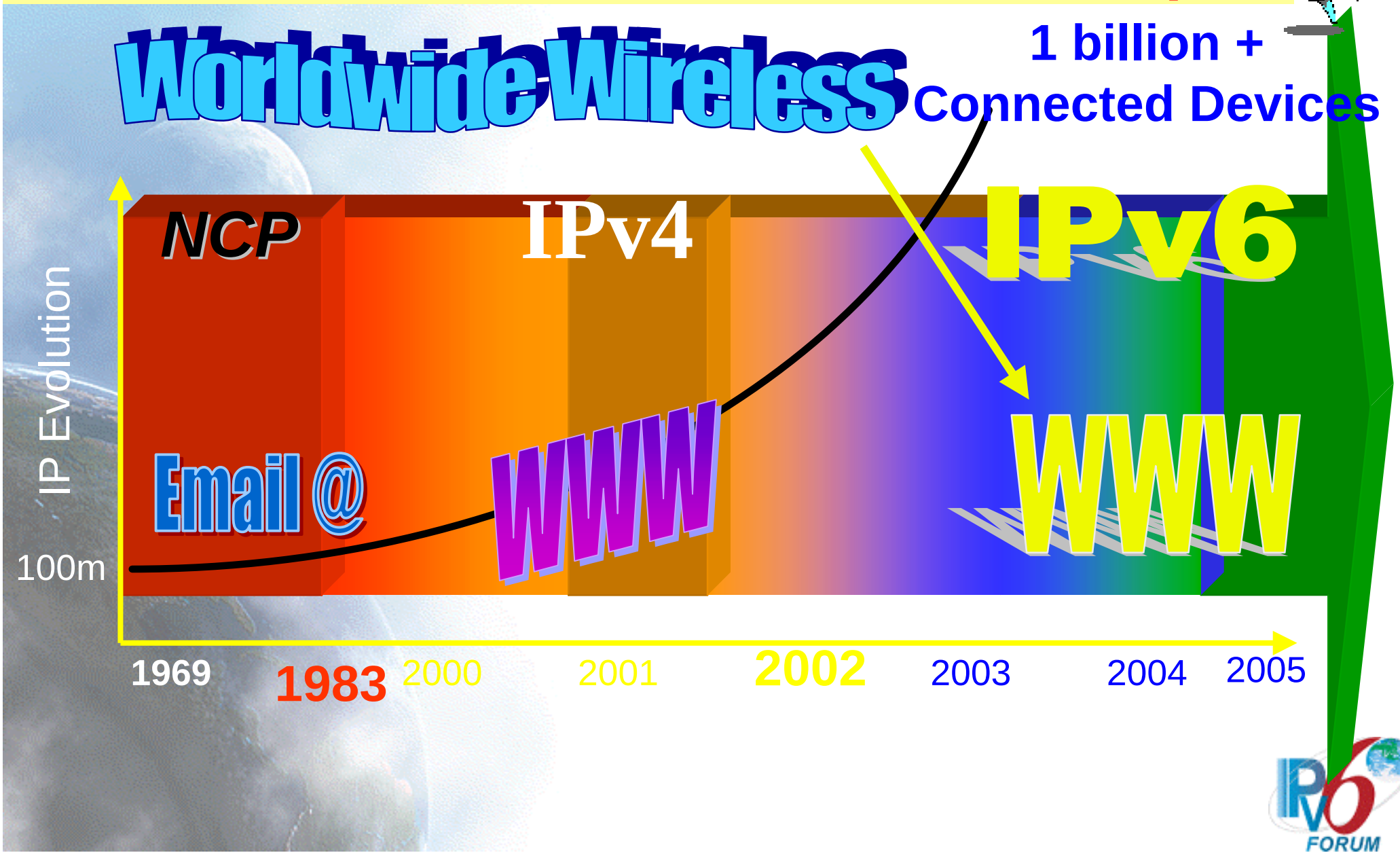
http://www.ipv6style.jp/en/apps/20030520/index.shtml

Various Industry Sectors



The New Internet Roadmap





www.ipv6forum.com
Join the Future, Now!
THANK YOU
IPV6 FORUM