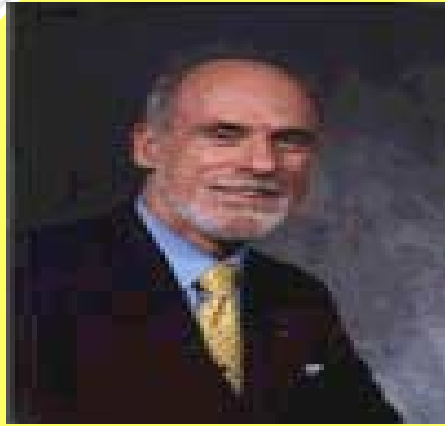


The 5th Anniversary Milestones & Achievements

**IPv6 Is About People:
A Global Undertaking**



**IPv6 Has Attracted
Some of the Coolest
People on Planet**



**”Running out IP
Addresses is like
running out Oil!”**

Vint Cerf 2004

No Urgency

Some Urgency

Emergency



**” IPv6 Forum!
Cool! That’s the
way Foorward”
Jim Bound - Feb 1999**

Will play with it!

Wish to see it!

Need it!

IPv6 FORUM

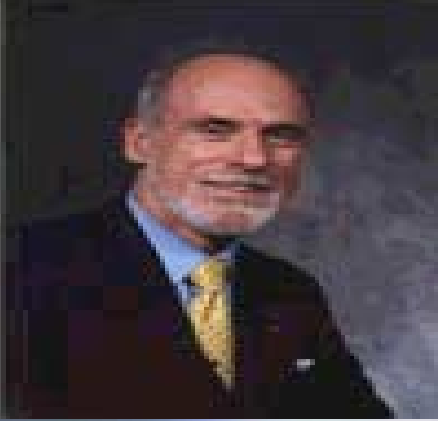
Supported by:



**The 21st Century
Truly Global Effort**

IPv6 Forum BOARD

- Honorary Chairman: Vint Cerf



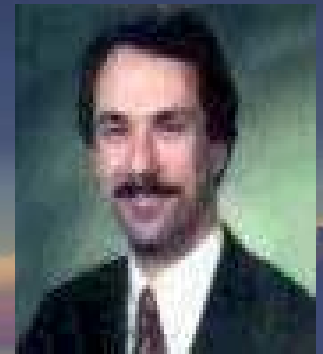
Latif LADID
Preisident



Jim Bound
CTO



Bob Hinden



Marc Blanchet,



Patrick Cocquet,VP



Bob Fink



Takashi Arano



Liu Dong



IPv6 Technical Directorate

Chair: Jim Bound



Steve Deering



Scott Bradner



Brian Carpenter



Christian Huitema



Allison Mankin



Yanick Pouffary



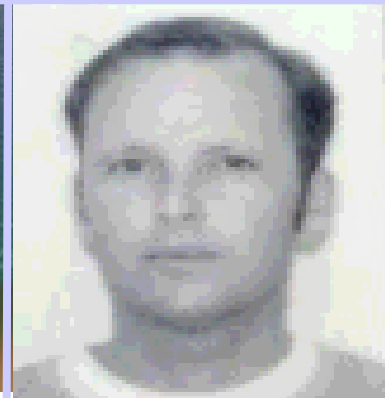
Charlie Perkins



Thomas Narten



Erik Nordmark



Thomas Ecklund

IPv6 Technical Directorate (continued)



Francis Dupont



Alain Durand



Tim Chown



Henk Steenman



Stephen Hayes



Stig Venas



Carl Williams



Dale Finkelson



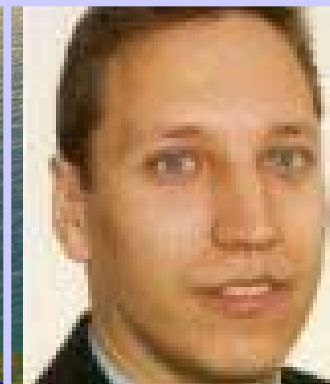
Matt Crawford



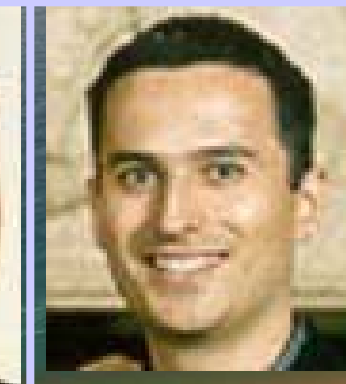
Bosco Fernandes



Ivano Guardini



Jordi Palet



Yegin, Alper



Dattatreya, Hemanth



Soliman, Hesham

Political Goodwill



Political Goodwill



Dr. Jun Murai

Sep 2000



Japan: First Mover
PM Mori

u-Japan 2005

Political Goodwill

Feb 2001



Yong-Jin Kim



Korea: 2nd Mover
IT 8-3-9 Strategy
Chin Dae-je
Minister of MIC

Political Goodwill

Feb 2001



Erkki Liikanen



Joao Da Silva



Mario Campolargo



Ulf Dahlsten

eEurope 2005

i2010

Political Goodwill

Oct 2001



Vincent Chen
R.C. Taiwan
IPv6 Forum

R.C. TAIWAN
Dr. TSAY Ching-Yen
Minister of State

Security & Defence Industry



Jim Bound
CTO IPv6 Forum
Chair NAv6TF

NORTH AMERICAN



NOR

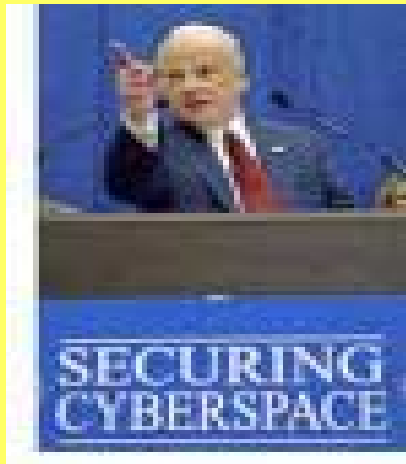


NORTH AMERICAN

NOR

Oct 2002

Oct 2002



Richard Clarke



Howard Schmidt



John Osterholz



Marilyn Kraus

Political Goodwill

Nov 2003



Liu Dong
China
IPv6 Council



Dr. Wu Hequan
VP, Chinese
Academy of Engineering

C N G I
Conference
2004

Political Goodwill



Patrick Cocquet
VP
IPv6 Forum

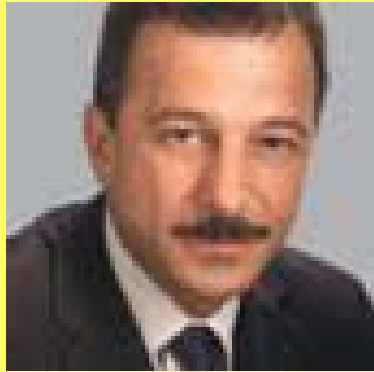


Oct 2003



FRANCE
Claudie Haigneré
Minister of R&D
2003

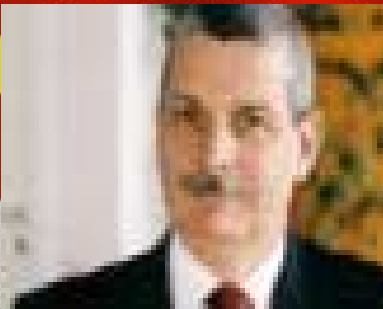
Political Goodwill



Helmut Leopold
Chair
Austrian IPv6
Task Force



Apr 2004



Dr. Georg Serentschy
GM - RTR



Dr. Hubert Gorbach
Infrastrukturminister und Vizekanzler

AUSTRIA
April 2004

Political Goodwill



Gopi Garge
VP
IPv6 Forum
India

May 2004



Minister Maran



Mr. Satyen Gupta, TRAI

INDIA
Dr. Govind, MCIT
Ten Point Agenda
Point 6 is IPv6 by 2006
May 2004

Political Goodwill



Baher Esmat
Chair
Egyptian IPv6
Task Force



Sep 2004



Egypt
Dr. Tarek Kamel
Minister of Communications
Sep 2004

Political Goodwill



Itidal Hasoon
Co-chair
MEA IPv6
Task Force



Mar 2005



Crown Prince Sheikh Ahmed Bin Saeed Al Maktoum



United
Arab
Emirates
Feb 2001
Mar 2005

Political Goodwill



Erik Huizer
Chair
Netherlands
IPv6 Task Force



Apr 2005



The Netherlands
April 2005

C.J. Wansbeek, DGTP, Ministry of Economic Affairs

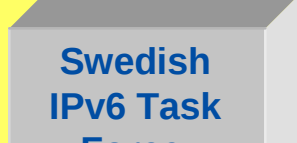
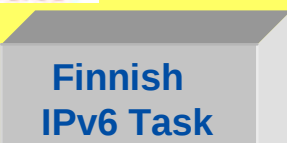
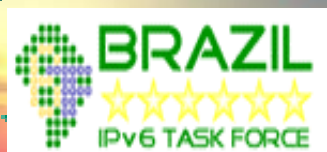


IPv6 Forum
Chapter
IPv6 Task Forces
Around The World



IPv6 Forum Chapters (10)

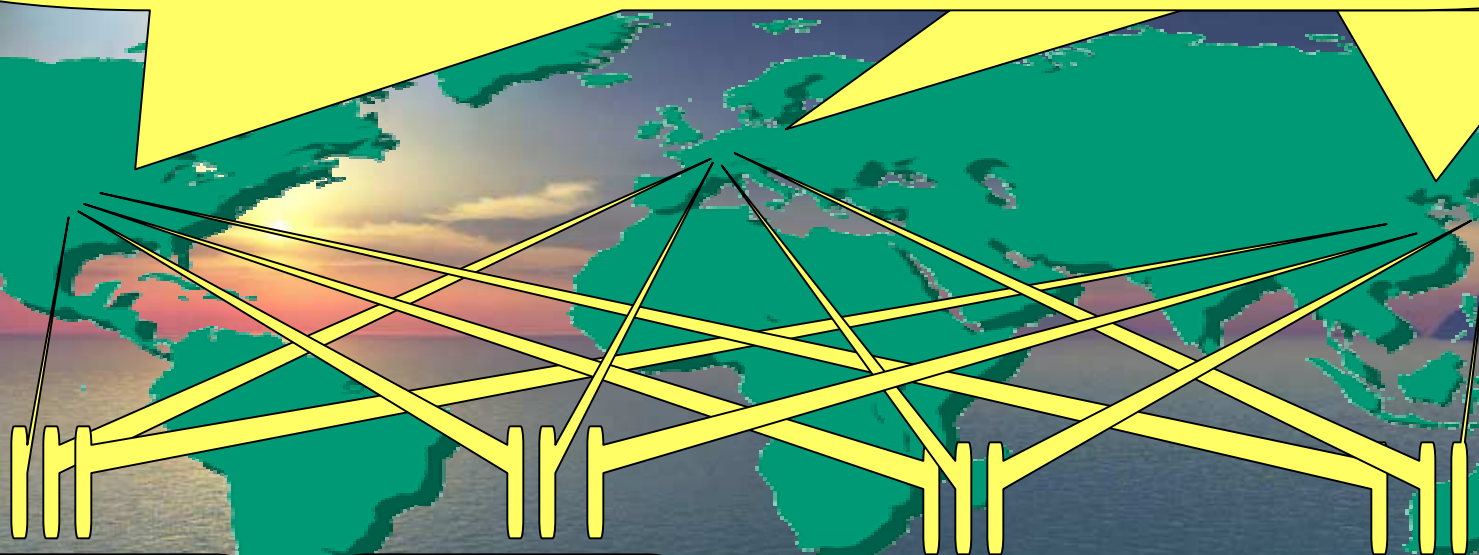
IPv6 Task Forces (20)





IPv6 Forum Organisation Members

180
Worldwide



VENDORS

73

ISPs

45

**R&D
EDUC**

38

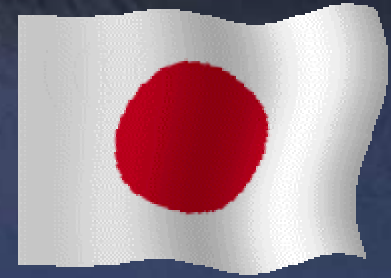
**APPS
CONS.**

24

IPv6 Leaders



Dr. Jun Murai



Dr. Osamu Nakamura

Takashi Arano

Kazuhiko Yamamoto



Dr. Hiroshi Esaki



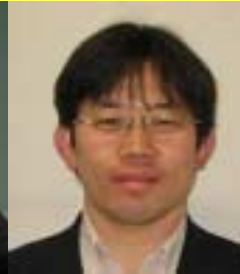
Kosuke Ito



Hiroshi Miyata



Shin Miyakawa



**Satoshi Ishiyama,
NTT Communications**

**Yasumori Ihara,
TOYOTA MOTOR**

**Teruhiko Moriyama
Mitsubishi Research**



Kazuo Furukawa, Hitachi



Yasuhiko Ito, KDDI



**Akira Nagashima,
Yokogawa Electric**



IPv6 Leaders



President
Dr. HyeongHo LEE



HyoungJun KIM
Director/IPv6 Forum Korea



IPv6 Forum Korea Leading Members



Jim Bound
CTO IPv6 Forum
Chair NAv6TF

IPv6 Leaders



**Major Roswell
 Dixon**



Carl Williams



Yurie Rich



Yanick Pouffary



Larry Levine



Ben Schultz



Junaid Islam



Tony Hain



Joya Subhudi



David Green



Gene Gronk



Michael Brig



Reneé Esposito



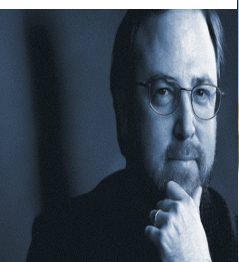
Rick Summerhill



Yves Poppe



Patrick Grossetete



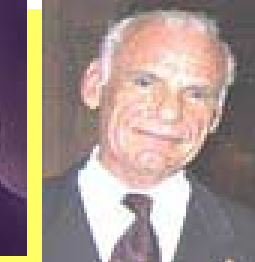
Tom Patterson



Jeff Doyle



Leigh Huang



Dr. Lawrence



John Loughney



Terry Davis



Geof Lambert

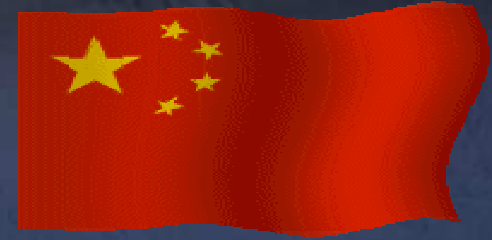


Richard Graves

IPv6 Leaders



Liu Dong
China
IPv6 Council



Jiang Lintao



Li Xing



Ricky Lu



Hou Ziqiang

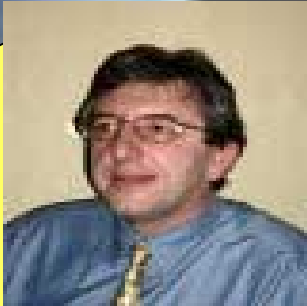


Lei Zhenzhou



Li Guojie

IPv6 Leaders



Patrick Cocquet



Tim Chown



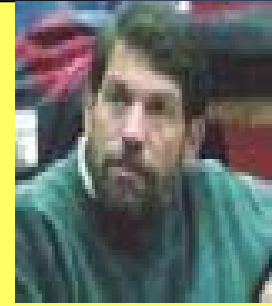
David Kessens



Olaf Bonness



Jordi Palet



Bernard Tuy



Bosco Fernandes



Jose Fernandes



Tayeb Ben Meriem



Peter Kirstein



Paul van Binst



Rosette Vandenbroucke



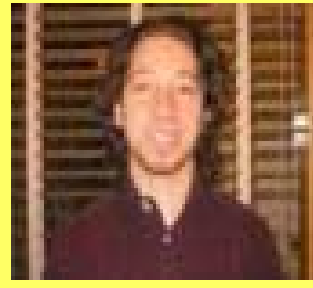
Juergen Rauschenbach



Wolfgang Fritsche



Timo Leppinen



Karim El Malki



Silvia Hagen



Ger van der Broe

IPv6 Leaders



Jay Chandra.K
President
IPv6 Forum
India



Gopi Garge



The Team

Saishree,
Mallik Prasad,
Anil Mathur,
Anil Valluri,
Dr.S.Jagannathan,
Dileepan Moorkanath

IPV6 Forum Pioneer Award



Steve Deering (Dubai 2001)



Jim Bound (Seoul 2001)



Jun Murai
(Beijing 2002)



Hiroshi Esaki
(Santa Monia 2004)



Dr. Wu Hequan



Major R.V. Dixon
(Santa Monica 2004)



Yanick Pouffary
(San Diego 2003)



Jay Chandra.K



Hemanth D.



Gopi Garge



Liu Dong (Beijing 2003)



Michael Brig
(San Diego 2003)



Ben Schultz
(Santa Monica 2004)



Yurie Rich



Tim Chown
(Madrid 2003)



Jordi Palet
(Madrid 2003)



Patrick Grossetete
(San Diego 2003)

IPv6 Forum Fellows



Yanick Pouffary



Tony Hain



Carl Williams



Hua Ning

IPv6 Ready Logo Program

2003/2004:

137 Products



Dr. Hiroshi Esaki



22

5

110



Ben Schultz



Cesar Viho



Hiroshi Miyata



IPV6

New Economic Expansion

New Lifestyles

On the New Net

v6 ISP Deployment

VERIO

An NTT Communications Company

TELEGLOBE

IIJ, NTT Comm/VERIO, NTT-East,
DTI, PoweredCom, Nifty, JapanTelecom,
KDDI, AT&T JENES, MEX,
STNet, HTCN, Freebit, Miako, Biglobe



6.1.2005:

1150 IPv6

179

598

360

13

15 ISPs



TeliaSonera

Telefonica



CNGI
Conference
2004

- KT (Korea Telecom)
- DACOM
- HANARO
+ 70 SME ISPs

Broadband Access



Europe



India BB

BBTTH – 2008

20 Mio Users

e-Taiwan

BBTTH – 2008

6 Mio Users

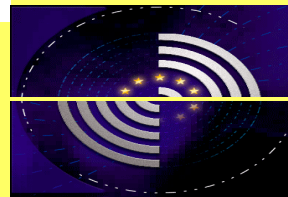


Japan

Winning Industry: 3G



Building on 1.6 Billion Cell Phones



Winning Defence



Germany



France

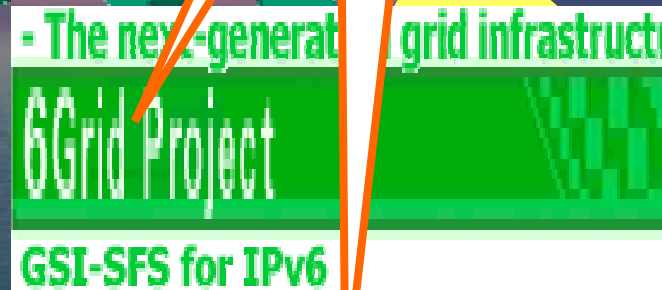


Korean



Australian Government
Department of Defence

Winning GRID



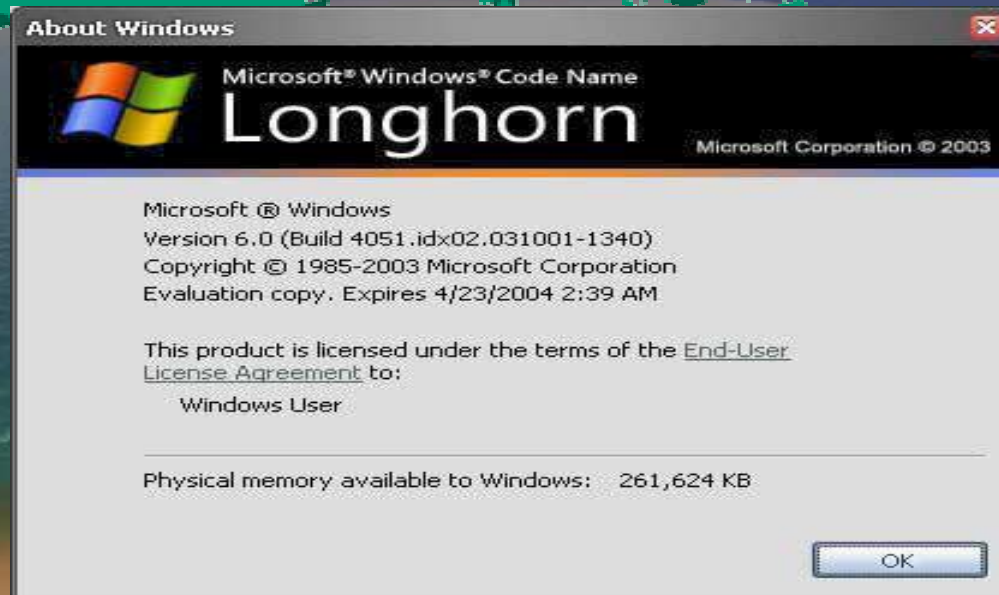
Winning Microsoft



Jawad Khaki

Microsoft

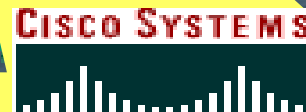
Longhorn
P2P



Car Industry



Building on 0.4 Billion Cars



CAR 2 CAR
COMMUNICATION CONSORTIUM



Consumer Electronics

2005 International

CES

Defining Tomorrow's Technology

Produced By  **CEA**

Microsoft



NOKIA
CONNECTING PEOPLE

PHILIPS

SONY

TOSHIBA

SAMSUNG

 **LG Electronics**

Panasonic
ideas for life



パン・チルト・
ズームタイプの
IPv6対応
ネットワークカメラ

BB-HCM381

Home Networking

DLNA
Digital Living Network Alliance


ZigBee™
Alliance

UPnP™
FORUM



CENELEC


Net-atHome™
2004
Your Gateway to the Markets

FB
The Internet xEngine.

Feel6
IPv6 Centrex

Internet Security



COMPUTER AND NETWORK
SECURITY
TASK FORCE



BlackHat®

USA • EUROPE • ASIA

digital self defense



SECURITY
task force



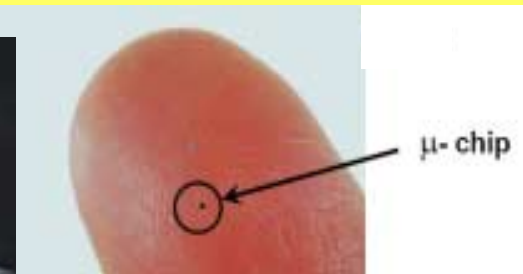
In the making: v6 Devices



RF-ID &
PDA
NOKIA



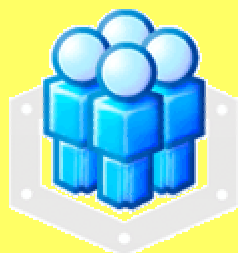
Bio Sensors



Still To Do WW: v6 P2P



Project
JXTA



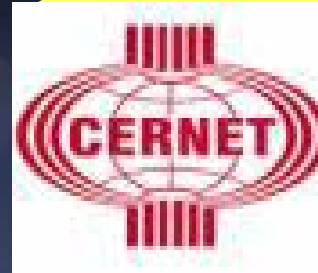
gnutella.com

Jabber SoftwareFoundation



grooveNETWORKS™

Research & Deployment



Global IPv6 Showcases



China IPv6 ShowNet



한국전산원 IPv6 체험관

Taiwan v6Corner



NETWORLD INTEROP 2004 PARIS

3-4-5 novembre 2004
Paris Expo
Porte de Versailles



Global v6 Apps Promotion

ORACLE



Presented by IPv6 Promotion Council



Push the possibilities of IPv6!

IPv6 Appli-Contest 2004



Google™

Luxemburg

SAP

IPv6アプリコンテスト2004
表彰式
END



Advocacy



IEEE
COMMUNICATIONS
SOCIETY

ENTNET

Internet
Society



marcusevans

SUPERCOMM

Explore the Whole World of Communications



International Chamber of Commerce

The world business organization



What The Papers Say!



NetworkWorld
The Leader in Network Knowledge

Carolyn Marsan



Izumi Miki

IPv6style
ipv6style.jp

market WIRE™

CNN.com

PC
PCMAG.COM



IPv6 Cluster



News



Global IPv6 Summits



The First Annual North American IPv6 Technology Conference
conducted by the North American IPv6 Task Force



12 Summits in 2004 & 2005
24 000 Delegates in 2004
The Largest Non-formal IPv6 University

Some Barriers to take down!

**Initial Applications
Barriers**

**Initial Middleware
Software**

Initial Security

**General
Barriers to IPv6
Deployment**



**Courtesy:
Jim Bound**

**Initial Network
Infrastructure**

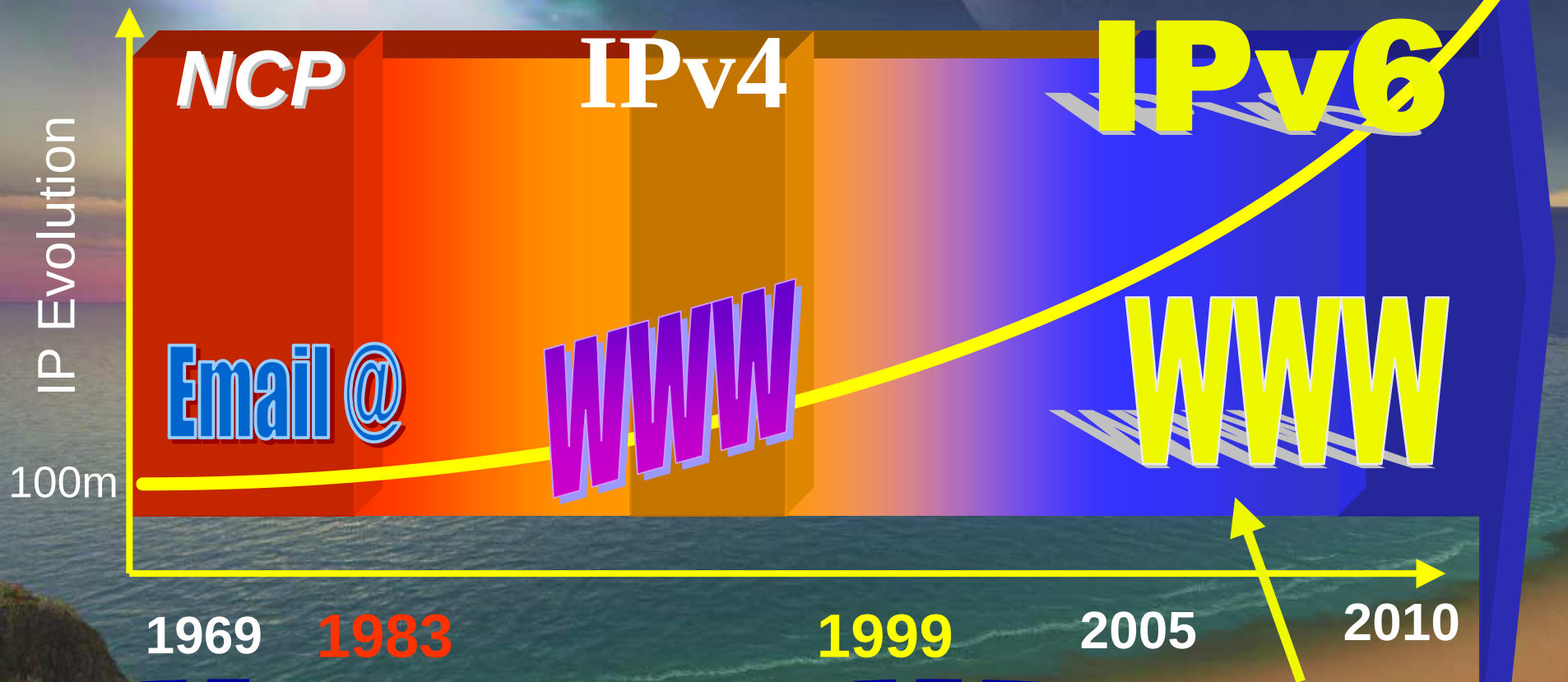
Business

Standards

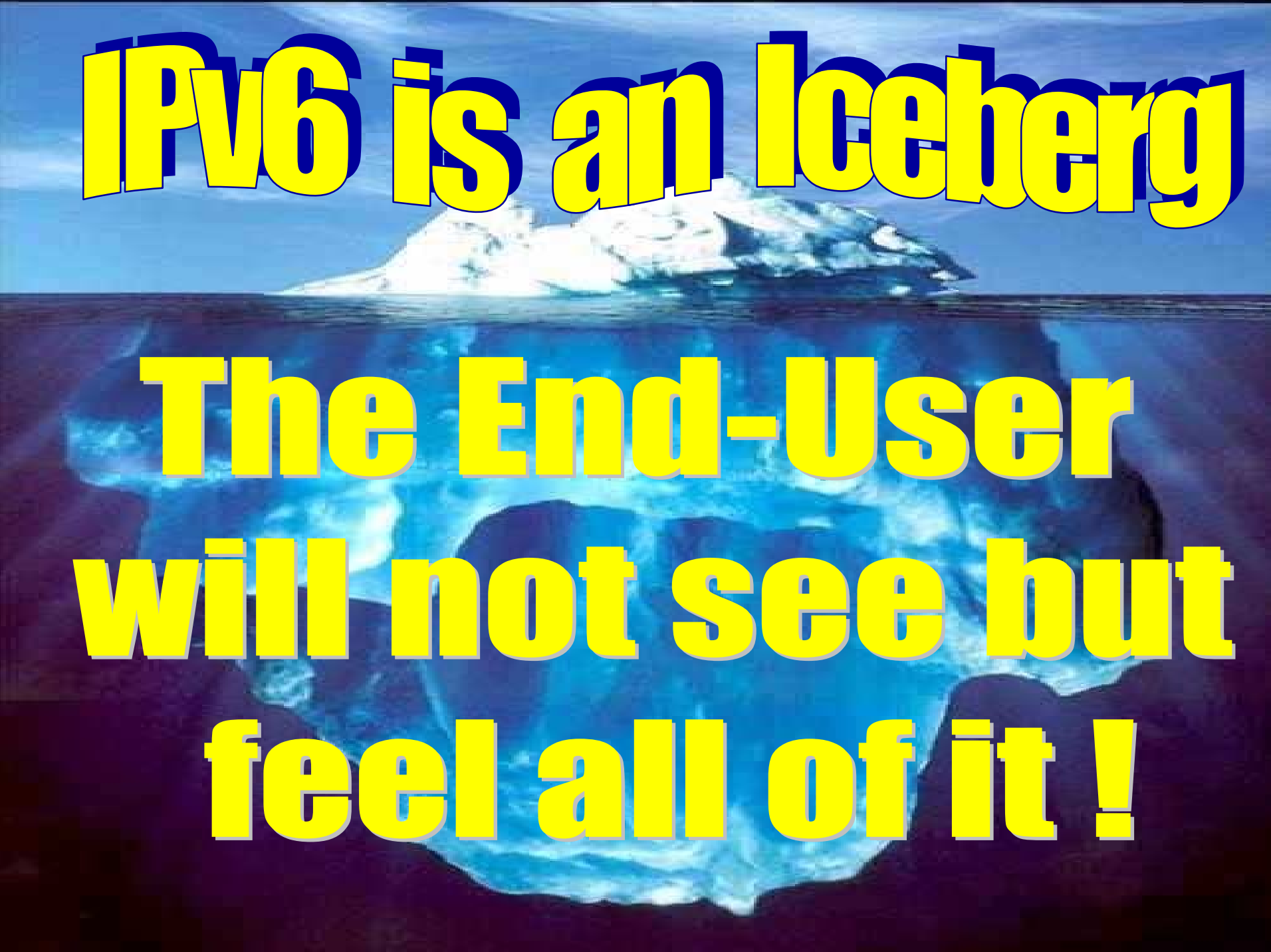
The New Internet

Roadmap

1 billion +
Connected Devices



Worldwide Wireless

An image of an iceberg floating in the ocean. The tip of the iceberg is visible above the water line, while the much larger, submerged part is below the surface. The text is overlaid on this image.

IPv6 is an Iceberg

**The End-User
will not see but
feel all of it !**