

2nd Northeast Asia OSS Promotion Forum, Sapporo, Japan

Japan OSS Promotion Forum

July 28, 2004

Hiroshi Kuwahara

Chairman
Japan OSS Promotion Forum

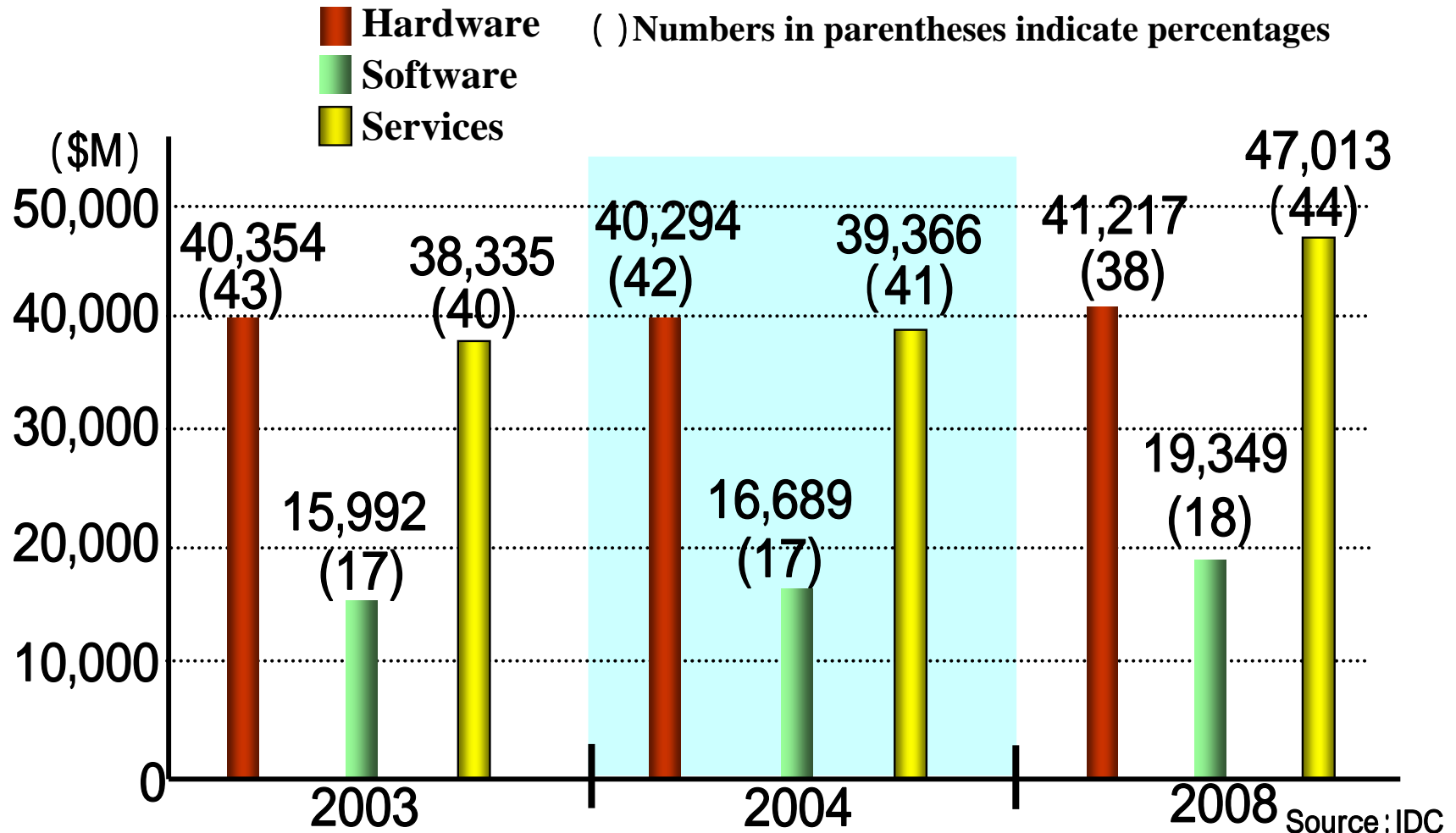
Agenda

- 1. Trends within the Linux market in Japan**
 - 1.1 IT Spending in Japan**
 - 1.2 Trends within the Linux market in Japan**
- 2. About the Japan OSS Promotion Forum**
 - 2.1 Outline**
 - 2.2 Organization**
 - 2.3 Past activities**
- 3. For the OSS promotion in Japan, China, and Korea**
 - 3.1 Six objectives for the OSS promotion in Japan and courses of action**
 - 3.2 Actions Taken for Ten Governmental Agreements**
- 4. OSS Collaboration among Japan, China, and Korea**
 - 4.1 Basic framework for industry-level agreements among Japan, China, and Korea**
- 5. Summary**

IT Spending in Japan

CAGR(2004-2008):

- Total : 2.8%
- Hardware : 0.6%、• Software : 3.8%、• Services : 4.5%

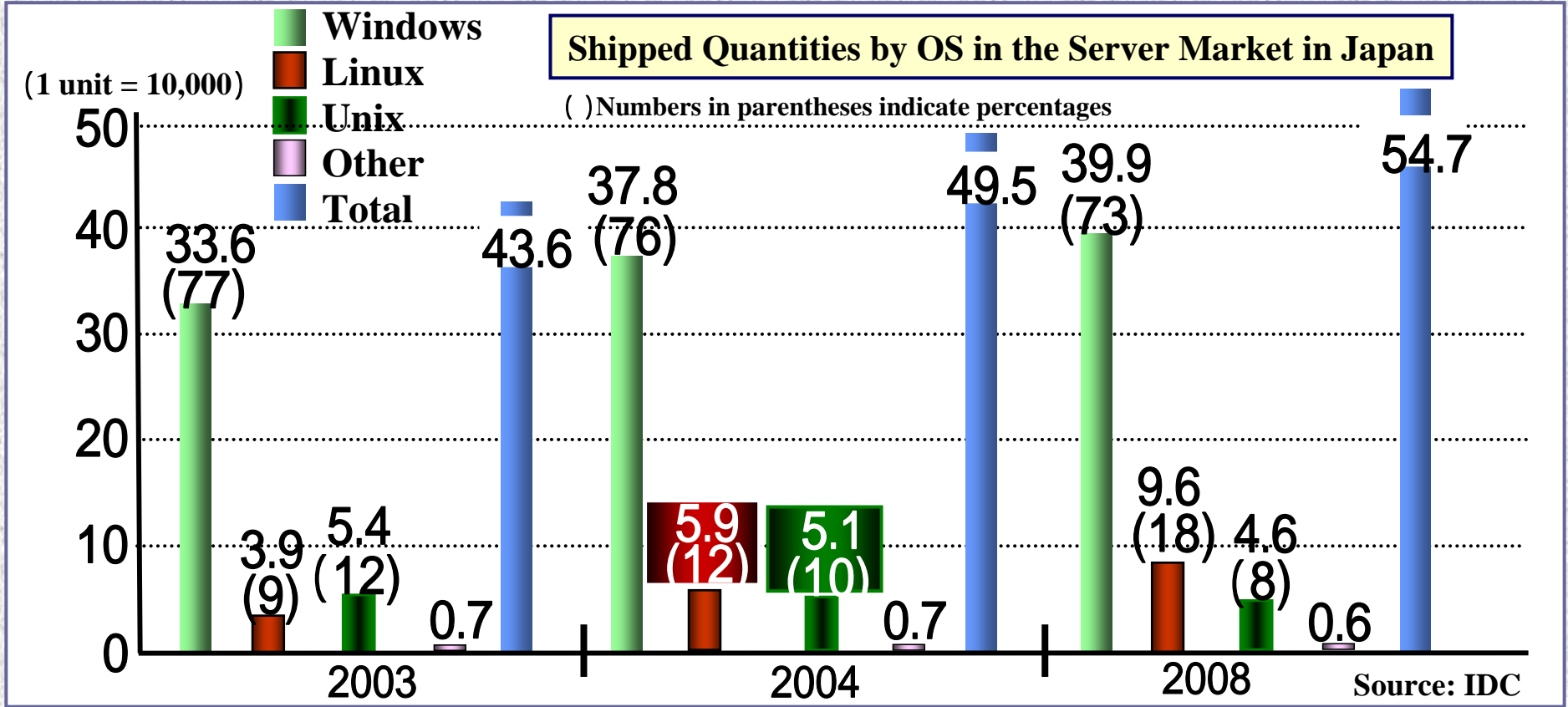


1.2 Trends within the Linux market in Japan

Linux servers: · CAGR (2003 - 2008): 20 %. The market share in 2008: 18 %.
· The market share growth primarily as an alternative to lower-range Unix systems, rather than as an alternative to Windows.

Embedded Linux systems: · Increasing use in mobile phones and personal digital electronics.

Linux desktops : · Not yet popular due to issues relating to office application, reliability, operability, and compatibility with existing system environments.



Founded in February, 2004.

The forum is comprised of the Executive Board (7 members) and the Advisory Board (13 members), each consisting of corporate executives, leading representatives of organizations, experts in the field, and academic.

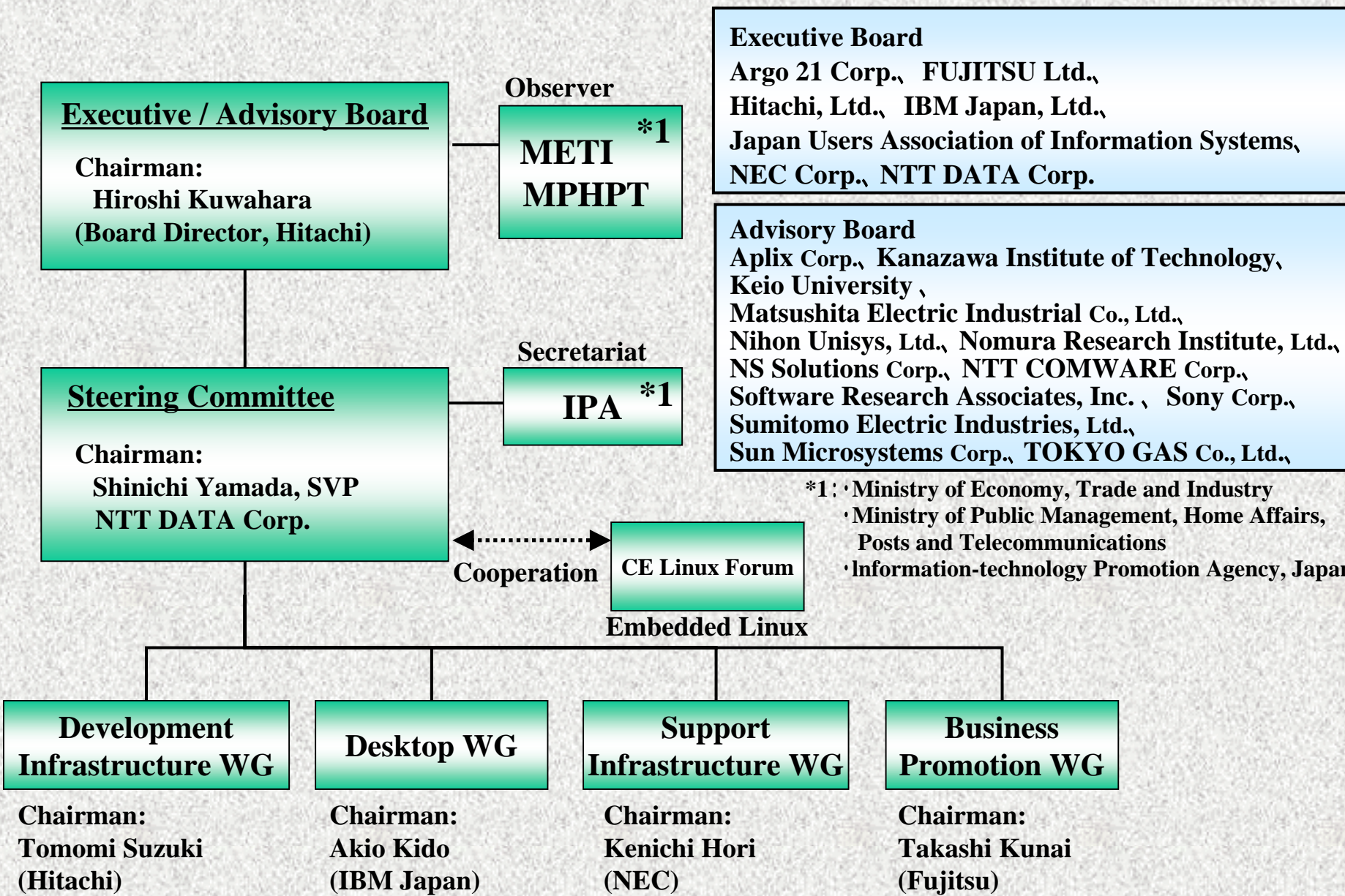
Background

- 1. Founded under the IT Ministers Agreement made in September 2003 among Japan, China, and Korea, as a result of the Open Source Business Forum held in November**
 - Existing demand for an organization representing Japan to lead international cooperation for OSS.**
 - Existing demand for an organization to gather opinions on OSS promotion.**
- 2. Expansion of OSS as applied to systems**
 - Existing demand for the resolution of technical and institutional issues, so as to provide users with reliable OSS.**

Purpose

- 1. To expand the use of OSS in Japan, in cooperation with the governments and the industries**
- 2. To resolve technical and institutional issues, so as to provide users with sufficient alternative for reliable, safe, and easy-to-use platform**
- 3. To contribute to the development of OSS through cooperation with China, Korea, and the international communities**

2.2 Organization of the Japan OSS Promotion Forum



2.3 Past Activities of the Japan OSS Promotion Forum

Past Activities

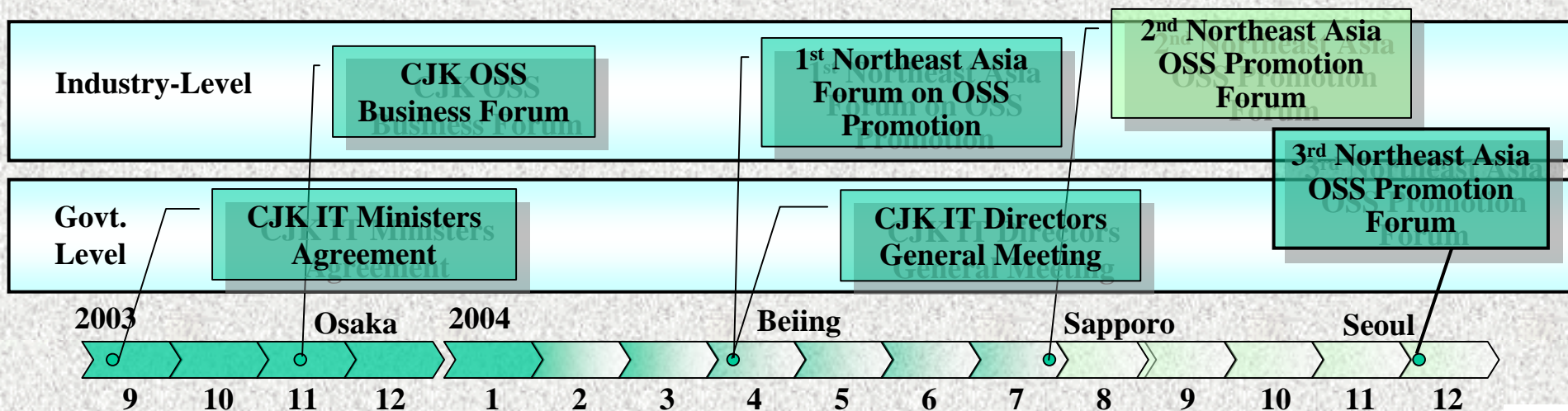
- February: - The 1st Japan OSS Promotion Forum
- March: - The 1st Steering Committee (SC) meeting
- April: - The 1st Northeast Asia OSS Promotion Forum (in Beijing)

- ten issues in the governmental agreements
- six objectives for OSS promotion in Japan

For Realization

- June : - Established four WGs and SC sub-commissions
- Executive Board discussed policies pursued by the governments and industries
- Coordinated with SCs of China and Korea to establish joint WGs with China and Korea.
- July: - The 2nd Northeast Asia OSS Promotion Forum

The forum has held two Executive Board meetings, four SC meetings, six SC sub-commission meetings, and WG meetings one to four times a month.



Courses of action for the Japan OSS Promotion Forum, for the OSS promotion in Japan, and the three countries

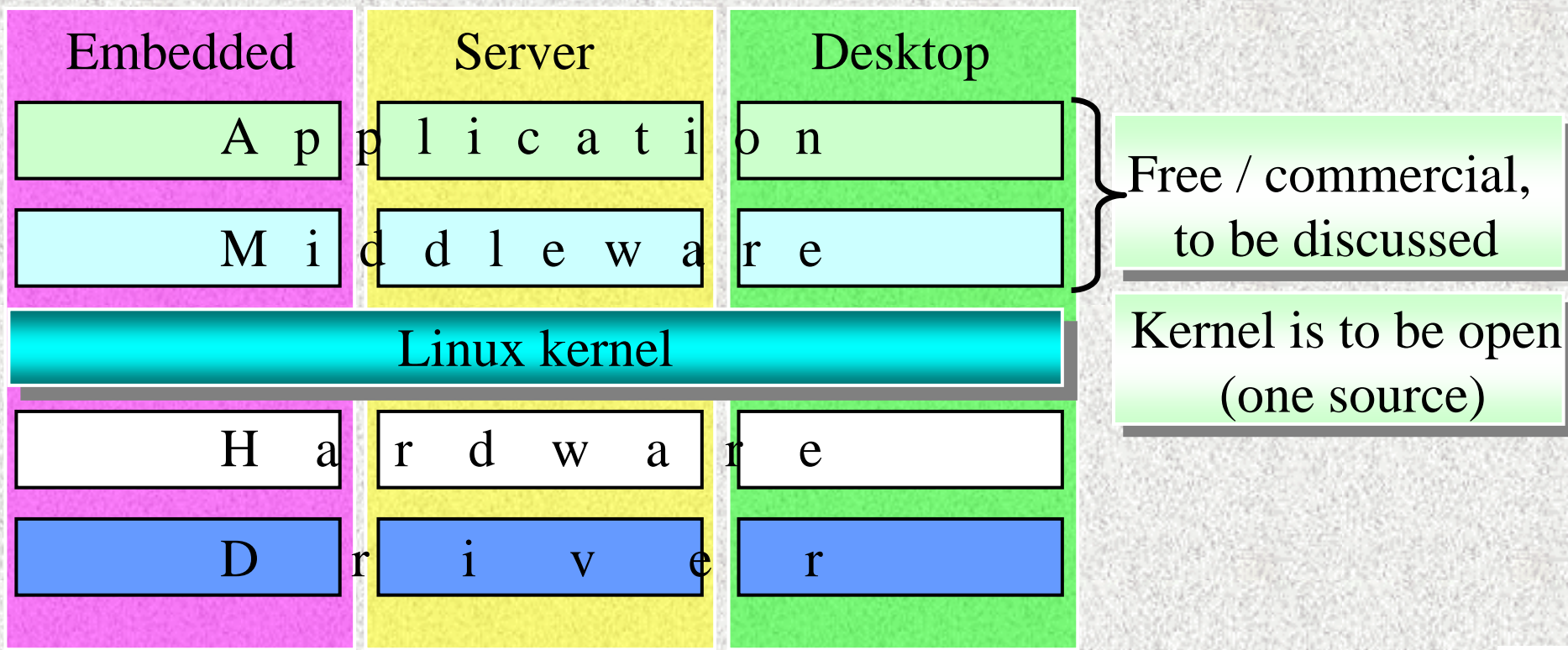
Issues for the OSS promotion in Japan (six objectives for the OSS promotion in Japan)

- 
- Examination of institutional policy issues by the Executive Board, and discussion of the course of action to be taken.
 - Establishment of four WGs, and start of activities.

Issues common to Japan, China, and Korea (ten issues in the governmental agreements)

- 
- Proposal for the establishment of three joint WGs among Japan, China, and Korea
 - WG1: Technology Development & Assessment
 - WG2: Human Resource Development
 - WG3: Study on Standardization & Certification

1. Need common understanding;
Kernel should be “Open Source”
Which portion of Middleware is free or commercial
Establish the business model



2. Promote the reliable environment for users**Provide one-stop support for overall OSS****Reliability, interoperability, performance,
and security****Resolve issues involving legislative requirements**

3. Creation of a road map for development that anticipates needs

**Efforts must be made to provide functions and software systems
that meet user needs as they arise.**

The road map must be shared with the users.

4. Collaboration with international communities

Adherence to the fundamental rules so as to keep the development source open and collaborate with the international communities.

Clarification of the scope of connectivity (interoperability) assurance.

5. Train and foster personnel

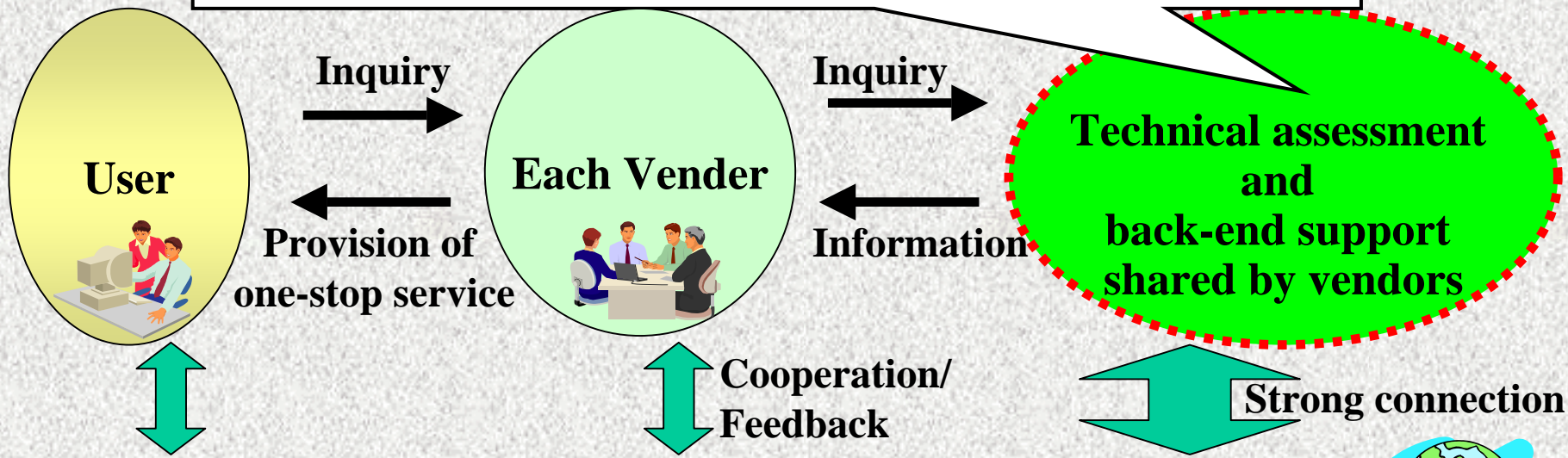
Foster personnel who hold the skills necessary to work internationally.

6. Collaborative operation among the three countries, and send information to the world

Establish a system operated collaboratively among governments and industries with respect to development, support, and education etc.

Evaluate a framework for resolving the common issues among vendors, so as to fulfill the six objectives.

1. Reduce costs of technical assessment
2. Promote the reliable environment for users
3. Develop tools based on the road map
4. Collaborate with international communities
5. Train and foster personnel
6. Send information to the world



Communities (development communities, OSDL etc.)



Basic policies to pursue ten issues in the governmental agreements made in Beijing



- (1) Examine each issue in WGs in Japan.**
- (2) Propose establishment of joint WGs for issues requiring cooperative action among the three countries.**

3.2 Actions Taken for Ten Governmental Agreements Made in Beijing (2)

Political environment and institutional issues

Exchange opinions with the government through the Executive Board and Steering Committee (I, V, VI, X).

Issues common to Japan, China, and Korea with respect to the industries

WGs established in Japan to discuss the issues.

If necessary, propose establishment of a joint WG among Japan, China, and Korea.

(1) Standardization and authorization (II, VII)

Cooperate with government research for standardization.

(2) Promote research and development, commercialization, and usage (III, IV)

Carry out the activities appropriate for each technical field.

- Desktop field: Desktop WG established

- Server field: Development Infrastructure WG established,
and propose establishment of the joint WG with China and Korea
for technical assessment.

- Embedded field: Take the activities of the CE Linux Forum into consideration,
and cooperate as necessary.

(3) Train personnel (IX)

WG established.

Proposal for the establishment of the joint WG among Japan, China, and Korea.

Establishing the Japan-China-Korea joint WGs is the great accomplishment.



The three countries will collaborate to provide users with sufficient alternative for reliable, safe, and easy-to-use platform.

4.1 Basic framework for industry-level agreements among Japan, China, and Korea

Basic framework

Overall concept

Entrusted to intergovernmental consultation

- **Determined by IT chiefs.**
- Includes resolution of issues relating to the 10 items.**

Specific items to be implemented (WG)

- **Target and goal**
- **Time frame and scheduling**
- **Contacts**

Formation of two-year plans, to be reviewed yearly (and revised as necessary)

Industry-level consultation

To be always confirmed by signatures from the representatives at the Northeast Asia OSS Promotion Forum

Japan OSS Promotion Forum

- **Collaboration for the realization of the Ten Governmental Agreements Made in Beijing.**
- **Embodiment of the Memorandum of the 2nd Northeast Asia OSS Promotion Forum.**
- **Contribute to OSS development, in cooperation with OSS communities worldwide.**

Current Status of the Japan OSS Promotion Forum with respect to the 10 Issues of the Intergovernmental Agreements Made in Beijing (1)

No	Intergovernmental agreements	Current Status of the Japan OSS Promotion Forum
I	Create favorable policy environment for the development and utilization of OSS, especially Linux.	Expressing the private sector's opinions to the government with respect to a favorable environment, and mutually exchanging opinions.
	Cooperate on the standardization of Linux, character set, document exchange format, etc. and strengthen the support of Linux to the languages of China, Japan and Korea.	Proposing establishment of a government-led standardization and certification research WG, jointly with China and Korea, for the purpose of contributing to the promotion of OSS use, and discussing the nature of the standardization so as not to hinder OSS technological progress. (cooperate with respect to the research, representing the private sector)
	Promote research and development, commercialization and deployment of desktop Linux, server Linux and office software for Linux in China, Japan and Korea.	Establishing four WGs for desktop development, a development base, business promotion and support infrastructure, and examining the promotion of OSS, with Linux usage as the primary focus. Also proposing the establishment of a technical evaluation WG, jointly with China and Korea.
	Encourage embedded Linux joint research and its utilization in digitalized 3C (Computer, Communication and Consumer Electronics) products such as PDA, digital camera, etc..	CE Linux, a private sector group, has been working globally and has released source code. The Japan OSS Promotion Forum holds these activities in high regard, and has closely observed CE Linux's activities. China participated in the forum and has proposed further research of embedded Linux among the three countries.
	Promote the utilization of Linux in fields of e-government, enterprise information system and remote education, etc..	Analysis of the relevant technological and social problems at present, to further promote the use of OSS. The four WGs have been working towards the resolution of the critical issues in these areas.

Current Status of the Japan OSS Promotion Forum with respect to the 10 Issues of the Intergovernmental Agreements Made in Beijing (2)

No	Intergovernmental agreements	Current Status of the Japan OSS Promotion Forum
	<p>Jointly study the best way to support SMEs such as establishment of Linux Public Service Platform (or Software Industry Promotion Center or Engineering House).</p>	<p>Government issue</p>
	<p>Study software certification and compatibility testing for Linux to motivate more hardware and software vendors to support Linux.</p>	<p>Proposal for the establishment of a standardization and certification research WG jointly with China and Korea (as mentioned in No. II); discussion with respect to certification and OSS approval at the Sapporo meeting.</p>
	<p>Establish Northeast Asia OSS Promotion Forum to let China, Japan and Korea make more contributions to the global community of OSS.</p>	<p>Already established</p>
	<p>Cooperate on human resource development of OSS especially of Linux.</p>	<p>Proposal for the establishment and examination of a personnel training WG between the three countries.</p>
	<p>Study and exchange information on relevant policy (such as competition policy) of software industry.</p>	<p>Government issue</p>