



Title	NII's Initiative for Institutional Repository over CSI : Retrospect of 2006-2007 and Prospect of Phase II
Author(s)	Adachi, Jun
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Osaka University



NII's Initiative for Institutional Repository over CSI: **Retrospect of 2006-2007 and Prospect of Phase II**

**DRF International Conference
Osaka, January 30, 2008**

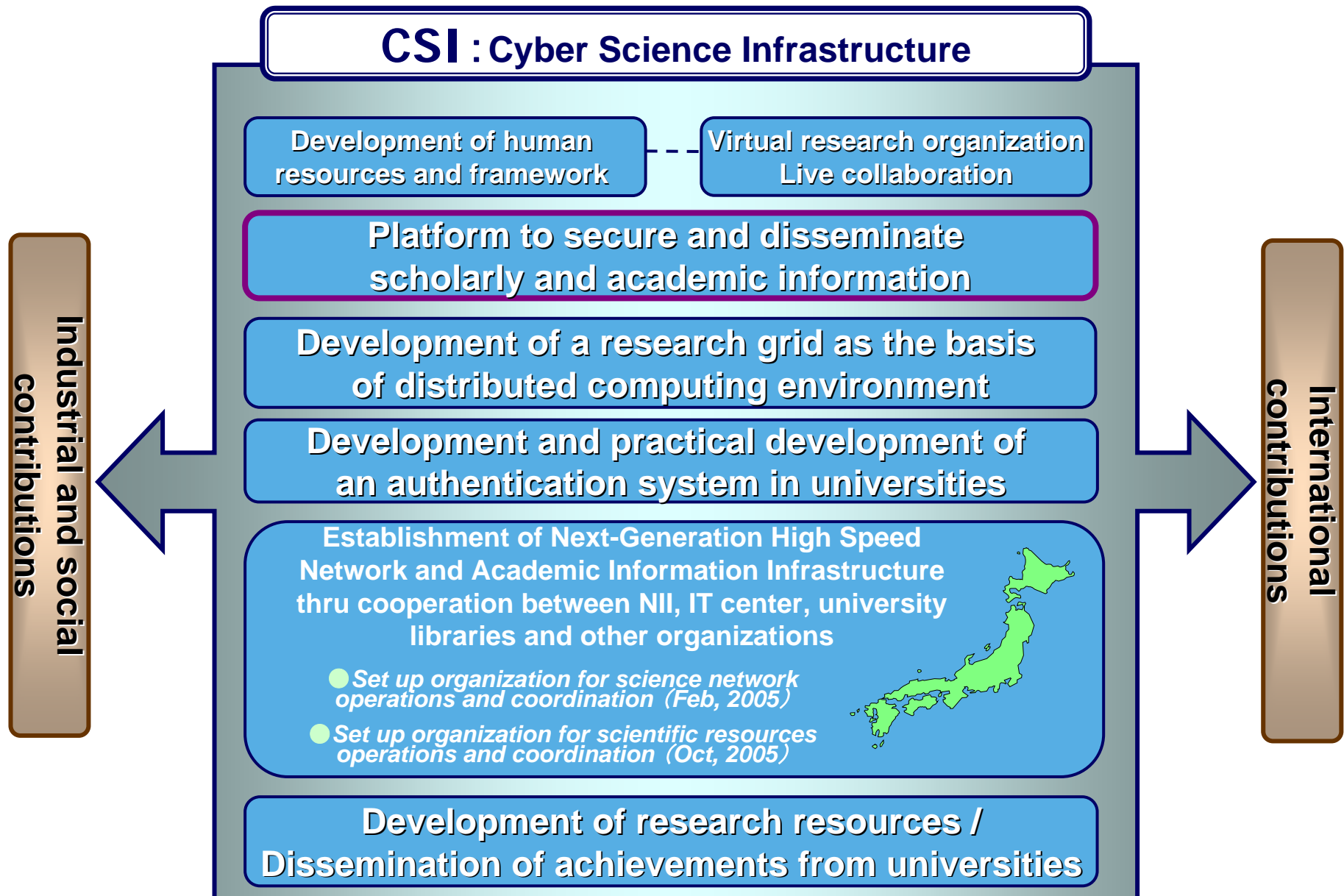
Jun Adachi
National Institute of Informatics

CSI Initiative

- Cyber Science Infrastructure for e-Science
- “Innovative scholarly information infrastructure” that incorporates and utilizes the scientific facilities such as supercomputer at universities and research institutions, scientific software, digital resources and databases, and human resources over super high-speed network.

(“A New Plan for Academic Information Infrastructure (Report)” on March 23, 2006, of Academic Information Infrastructure Working Committee, Academic Subcommittee of Research Environment Committee of the Science Council, Ministry of Education, Science, Sports and Culture)

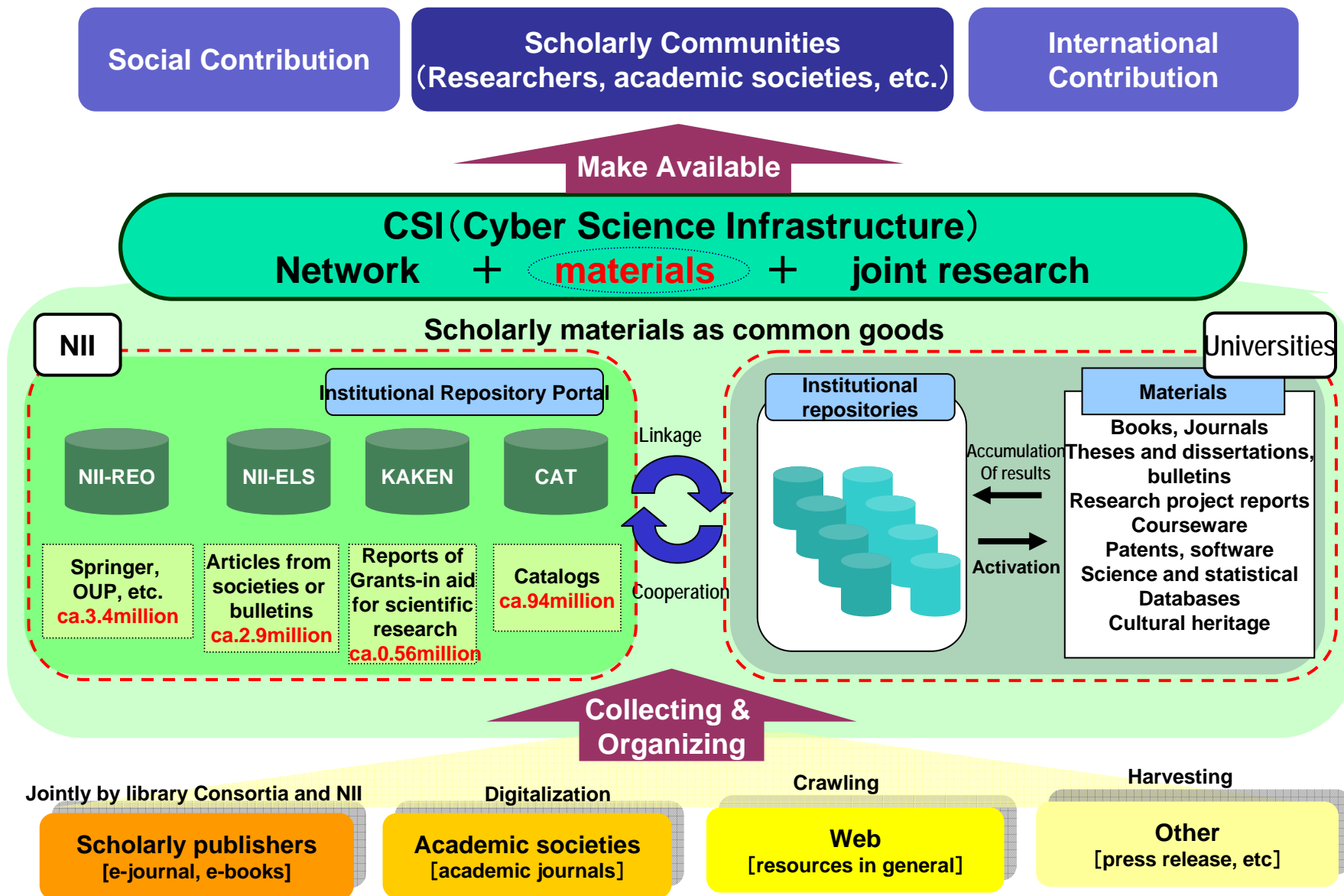
Concept of CSI



Current Major Efforts in CSI

- ❑ Next-Generation Science Information Network: [SINET3](#),
- ❑ University Public Key Infrastructure: [UPKI](#) for sharing information and securing information access in universities,
- ❑ Grid Middleware for high performance computing: [NAREGI](#)
- ❑ Next-Generation Scholarly Information Infrastructure

Next Generation Scholarly Information Infrastructure



Scholarly Information-related Activities at NII

□ Collaboration with University Libraries

- NACSIS-CAT/ILL
 - Establishment of union catalog databases and promotion of ILL (interlibrary loan system)
- Promoting dissemination of scholarly journals
 - Digitizing and providing research bulletins of universities
- Supporting **institutional repositories**
 - Support for the construction and the collaboration

□ Collaboration with Academic Societies

- Electronic Library Service (NII-ELS)
- International Scholarly Communication Initiative (SPARC Japan)
- Academic Society Home Village

□ Portal Service

- Scholarly and Academic Information Portal (GeNii)

CSI Initiative for IRs

□ Pilot project (FY2005): 19 universities

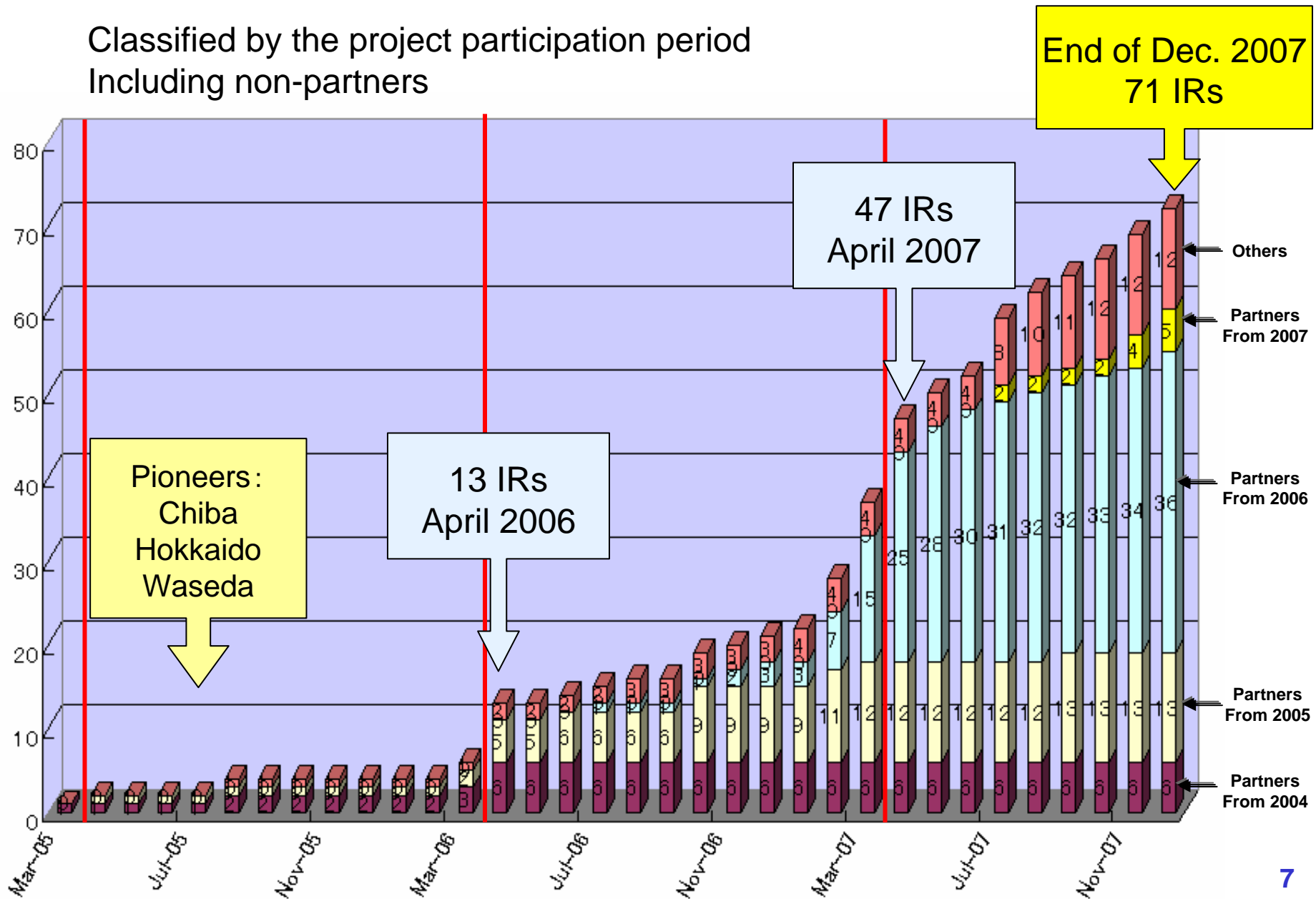
- To expand pioneering efforts to other universities

□ Full-fledged project (FY2006-2007)

- Goals
 - To expand nationwide installation of institutional repositories,
 - To boost innovative R&D
- Project areas
 - Area 1 (construction and operation of institutional repositories)
 - Area 2 (innovative R&D)
- Competitive selection process
 - Open call for proposals

Growth of IRs in Japan

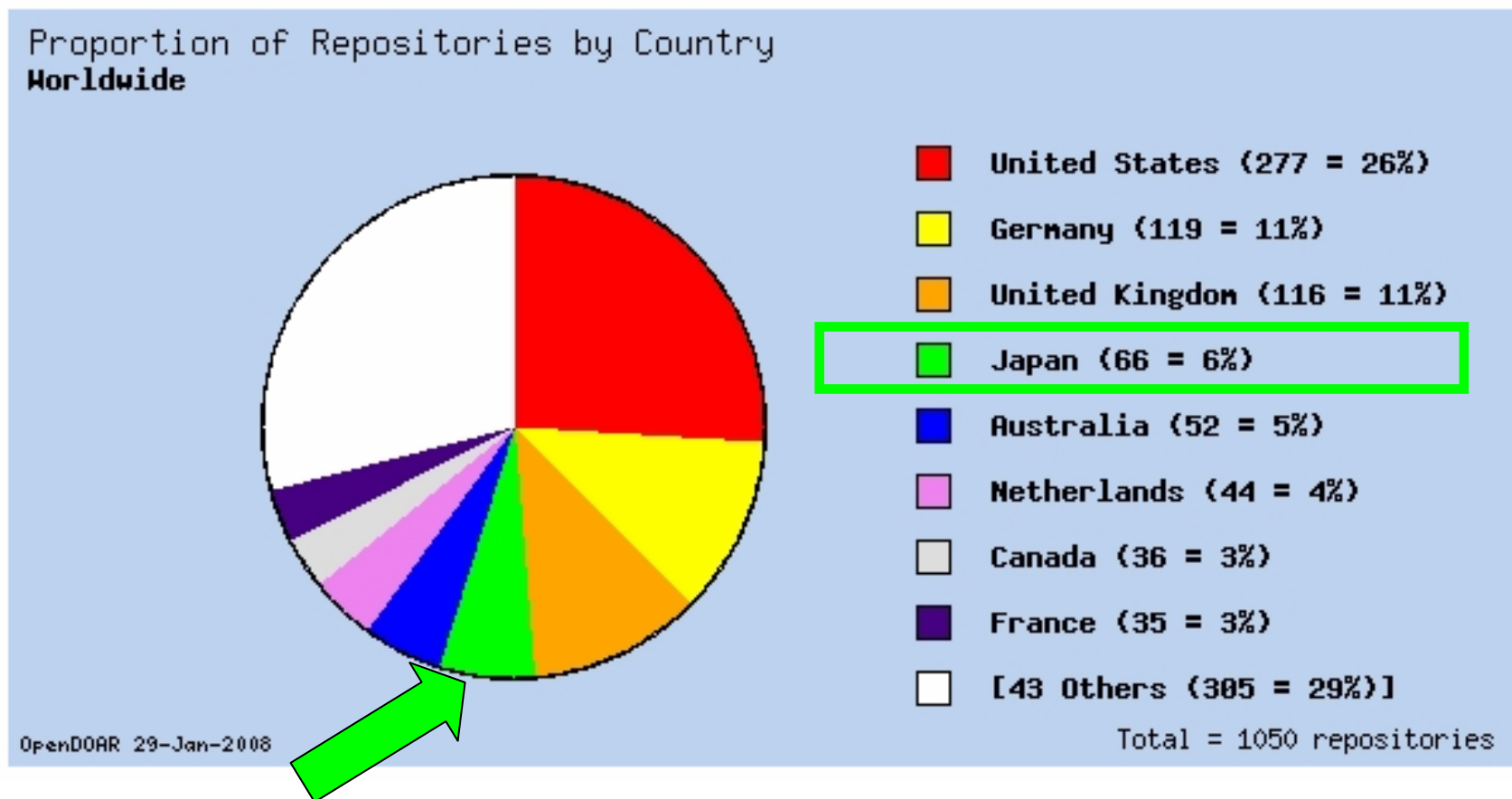
Classified by the project participation period
Including non-partners



IRs by country

□ IRs in the world: 1050

– Japan as the fourth

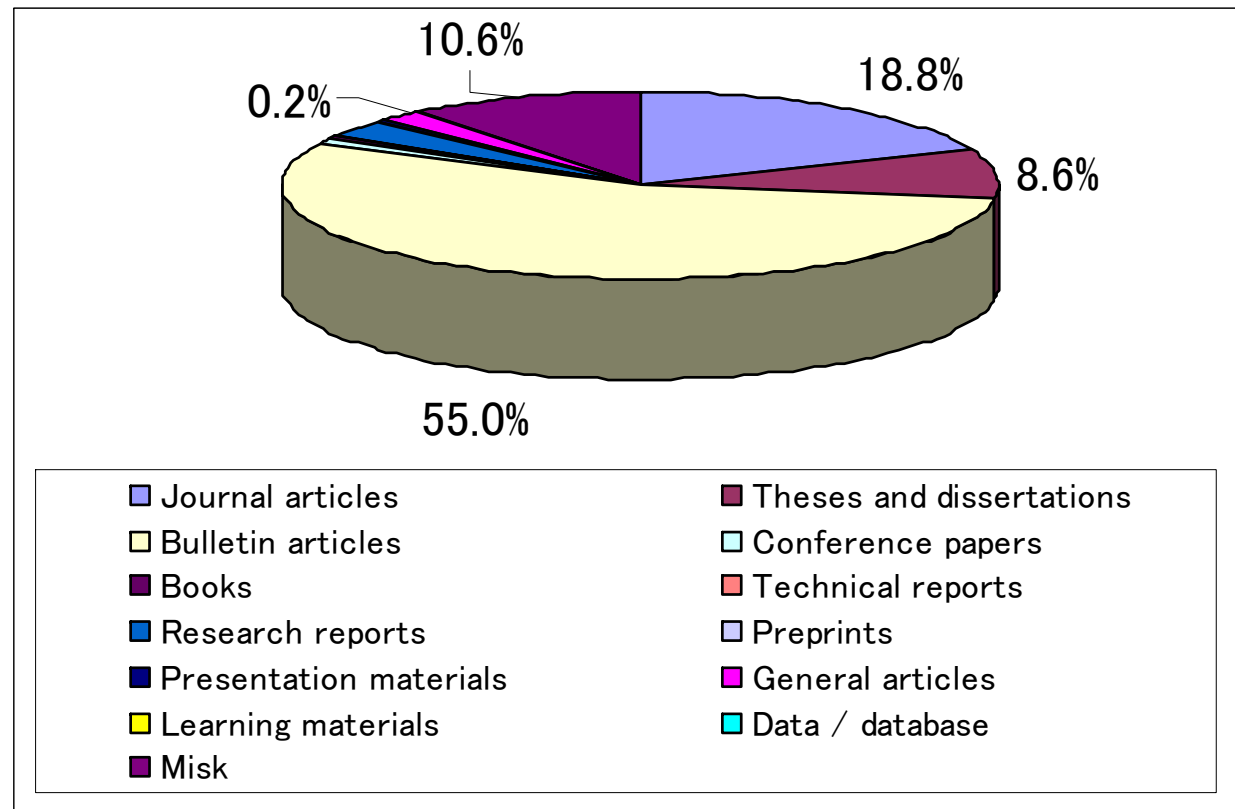


□ Open DOAR: Directory of Open Access Repositories

<http://www.opendoar.org/> (Last accessed: 2008/1/29)

IR contents

□ Number of contents by resource type



As of November 21 2007
 # of IRs 45
 Total # of contents 189,912

Journal articles	35,656
Theses and dissertations	16,295
Bulletin articles	104,480
Conference papers	1,630
Books	930
Technical reports	416
Research reports	5,540
Preprints	45
Presentation materials	445
General articles	3,711
Learning materials	158
Data/ database	400
Misc	20,206
Total	189,912

□ JuNii+ <http://juniplus.csc.nii.ac.jp/>

□ Selection result in 2006

- Area 1: 57 universities out of 77 (National: 47, Public: 0, Private: 10)
- Area 2: 22 projects out of 30

□ Interim evaluation of the 2006 activities

- Good practices
 - Area 1: 8 universities
 - Area 2: 6 projects
- Summary of the interim evaluation (March 2007, in Japanese)
 - <http://www.nii.ac.jp/irp/info/2006/CSIH18report.pdf>

□ Selection result in 2007

- Area 1: 57 universities continued, and additional 13 are selected out of 24 applications (National: 57, Public: 0, Private: 13)
- Area 2: Reorganization of 2006 projects (from 22 to 14)

CSI initiative: Area 2 projects (2007)

Area 2 projects (2007)	Leader (Collaborators)
○Activation of IR community(Digital Repository Federation)	Hokkaido University (Chiba University, Kanazawa University)
○Access to institutional resources via link resolvers (AIRway)	Hokkaido University (Tsukuba University, Chiba University, Nagoya University, Kyushu University)
Faculty publication database and institutional repositories	Kanazawa University (Kyushu University, Waseda University)
○Sharing copyright policies of academic societies in Japan(SCPJ)	Tsukuba University (Chiba University, Kobe University)
Development of Tokyo Tech Research Repository(T2R2)	Tokyo Institute of Technology
○Integrated search of on-campus academic resources	Kyushu University
Crosswalk of various metadata	Nagoya University
○Evaluation methods of institutional repositories	Chiba University (Mie University)
Integrated information system of IR, learning, and education	Mie University
Community creation via co-evolution of researcher and information	Chiba University (Kyushu University)
E-publication system and institutional repositories	Waseda University (Hiroshima University, Nagasaki University)
Author authority directory	Nagoya University
○XooNIps Library modules	Keio University
User navigation with topic maps	Hokkaido University

Red indicates 2006 good practices

Phase I: Achievements and Lessons

□ Achievements

- Area 1: Increase of IRs and their contents
- Area 2:
 - Clarification of technical and institutional problems
 - Establishment of librarian community
 - Digital Repository Federation
 - Society Copyright Policy Japan
 - » 194 policies as of Jan 2007, 936 as of July 2007

□ Lessons

- Some projects for system development do not have apparent propagation to other institutions
- How to keep sustainability

Digital Repository Federation



Digital Repository Federation

<http://drf.lib.hokudai.ac.jp/drf/index.php?Digital%20Repository%20Federation>

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- [DRF1](#)
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recent(8)

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- [Digital Repository Federation](#)
- [2007-10-10](#)
- [リンク集](#)
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- [Digital Repository](#)

Digital Repository Federation ⁺

New! 第3回DRFワークショップ「日本の機関リポジトリの今2007」の参加受付を開始しました。

今年度の次世代コンテンツ基盤共同構築事業の領域2では、北海道大学の「機関リポジトリの活性化」が採択されています。これには千葉大、金沢大が連携大学として参加します。

この「活性化」のプログラムでは、参加大学が相互に情報を交換・共有し、各大学でのリポジトリの導入・運営に貢献しあうとともに、プロジェクト型のコンソーシアム活動を通じて、リポジトリの継続のための相互扶助的な活動方式やゆるい連携組織のあり方を模索することを目指しています。また、こうした活動により、CSI事業終了後もリポジトリを維持・拡大していくための「連携」のモデルを模索したいと考えています。

また、この3大学による「連携」活動に、Digital Repository Federation(略称DRF=ダーフ)という名称を与え、コンソーシアルな活動に「連携」の弾みを与えたいと考えています。

- [DRF活動趣意書](#)
- [H19年度 DRF新規参加募集](#)
- [参加機関一覧](#)

公開メーリングリスト ⁺

- [機関リポジトリの設立・運営に関する公開メーリングリスト](#)

これからの催し ⁺

- [DRF3 第3回DRFワークショップ「日本の機関リポジトリの今2007」\(平成19年11月9日\(金\)図書館総合展\) 参加募集中](#)
- [DRFIC2008 DRF International Conference 2008 -- Open Access and Institutional Repository in Asia-Pacific \(30th and 31st January, 2008, Osaka, JAPAN\)](#)



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Society Copyright Policies in Japan

SCPJ

Society Copyright Policies in Japan 学協会著作権ポリシーデータベース

学協会の著作権ポリシーを調べる

学協会名から検索

(学協会名の一部から検索できます。and,or検索はできません)

検索

雑誌名から検索

(雑誌名、ISSN、ヨミの一部から検索できます。and,or検索はできません)

検索

ポリシーごとの一覧表示

- Green** … 査読前・査読後のどちらでもよい
 - Blue** … 査読後の論文のみ認める
 - Yellow** … 査読前の論文のみ認める
 - White** … リポジトリへの保存を認めていない
 - Gray** … 検討中・調査中・その他
- [すべて表示](#)

現在、684件のデータが登録されています。そのうちGreenは30件、Blueは152件です。

関連リンク

- [NII-ELSコンテンツの機関リポジトリへの提供許諾条件一覧](#)… CiNii

SCPJについて

日本国内の学協会の機関リポジトリに対する論文掲載許諾状況が調べられます。

[>詳しい情報](#)

著作権ポリシーとは

[論文の著作権](#)
[著者版と出版社版](#)
[データベースにない学協会について](#)

質問用フォーマット：[MicrosoftWord版](#) / [PDF版](#)

Q&A

ただいま準備中です

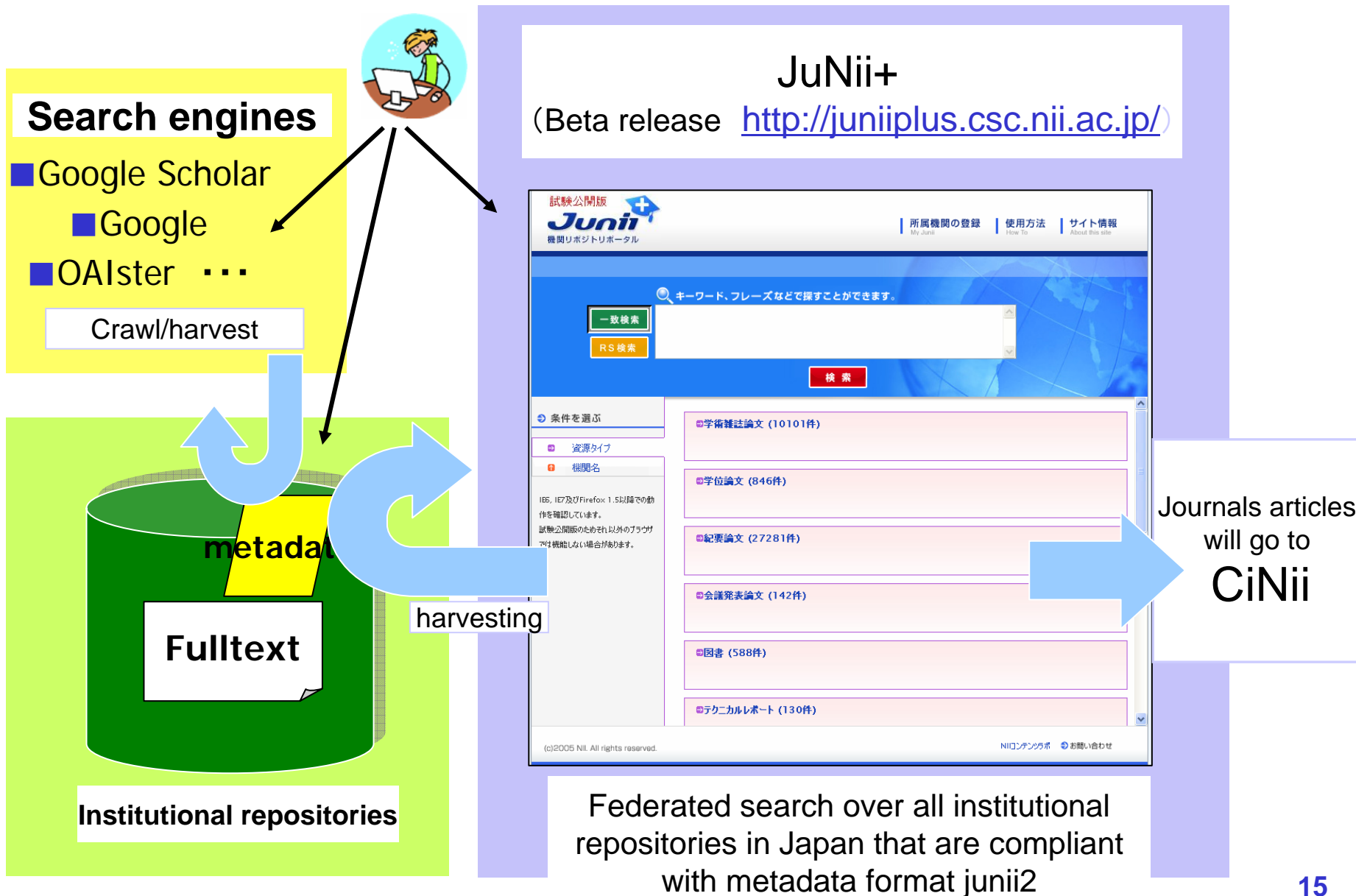
事業委託大学

[筑波大学附属図書館](#)
[千葉大学附属図書館](#)
[神戸大学附属図書館](#)

Last updated: 2007/10/11

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JuNii+: The portal of Japanese IRs



Third-party evaluation

□ Positioning of institutional repositories initiative

- NII's yet another initiative with high public interests to strengthen scholarly infrastructure for universities after CAT/ILL
- NII is considered suitable organization to lead IR initiative and foster expertise

□ Questionnaire results

- Recognition of IR
 - Users: 85% recognize (n=163)
 - Librarians: Almost 100% recognize (n=469)
- Progress in introduction of IR (n=469)
 - Already opened : 14.6%
 - Planning to install: 13.1%
 - Interested: 58.2%

Source: *User study of cyberscience infrastructure provided by an inter-university research institute---plan and design for the next-generation CSI* (final report, in Japanese) September 2007

Current issues

1. Budget for sustainable activities
 - University administration's support
2. Nationwide expansion
 - Expansion towards small universities
 - Increase of the number of IRs
 - Shared service for repository
3. Quality control of IRs
 - Usability of IRs (content quality)
 - Review of R&D projects
4. Resource policy of IRs
 - Priority of resource types
5. Support for IR manager community
 - Digital Repository Federation
 - Society Copyright Policy Japan
6. E-science
 - E-science and institutional repositories

Towards FY2008

□ Basic framework

- Further strengthen the initiative in Phase II (FY2008-2009)
- NII will invest digital content in priority resource types, such as dissertation, project reports and technical reports
- Invite innovative R&D

□ Keys to Phase II

- Emphasis on sustainable and self-supported activities
- Area 1 will focus on priority resource type contents
- Area 2 will stress projects with wider effects and innovative additional values

Triangular coexisting model

