



Acces to Digital Academic REpositories DAREnet

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Outline

- **Royal Netherlands Academy of Arts and Sciences**
- **DARE-programme and DAREnet**
- **Results and achievements**
- **Future plans**





KNAW Research Information



- **Academy's mission: to ensure the quality of scientific research in the Netherlands**
- **Our mission: national focal point of research information**
- **Dutch Research Database (NOD): current research, researchers and research institutes**
- **DArenet: full text publications**



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Mission DARE

**Better access to the results of publicly
funded research**



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DARE Programme

Approved: 14 June 2002

Name: DARE,
Digital Academic Repositories

Period: 1 Jan. 2003 – 31 Dec. 2006

Budget: M€5.9

Standards: OAI-PMH 2.0; Dublin Core

Partners: All universities, KNAW, NWO,
KB and SURF



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DARE: Digital Academic REpositories

- **Joint initiative by the Dutch universities, the KNAW, NWO and the National Library**
- **DAREnet gives free access to academic research output in the Netherlands.**
- **DAREnet contains now about 115.000 digital files from 16 institutes**

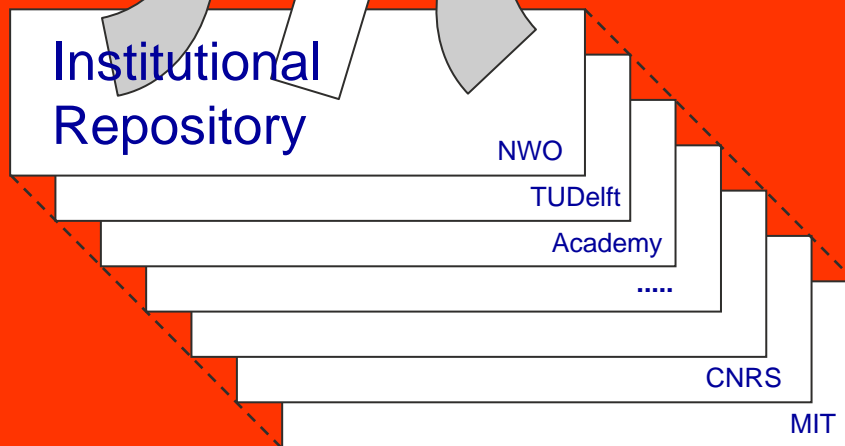
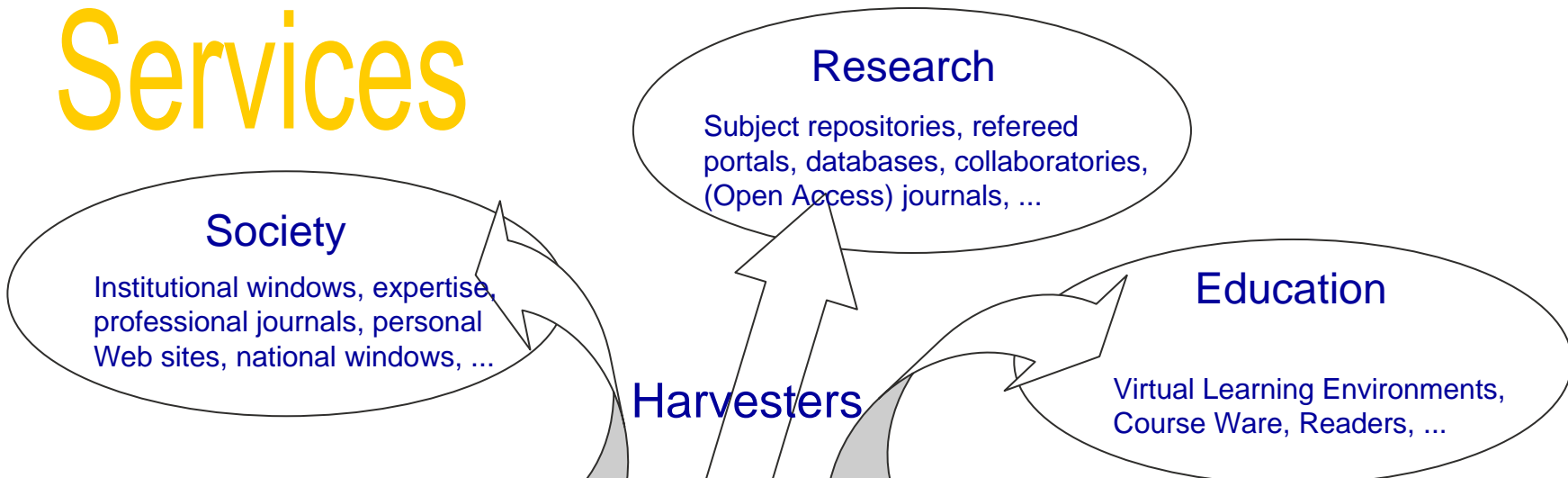


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Two Layers

Services



Content

Grid





Santa Fé, New Mexico,
21-22 October 1999

Open Archiving Initiative

14 June 2002, OAI-PMH v. 2.0



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1-st milestone

27 January 2004

DAREnet

Nationwide (13 universities, KNAW, NWO)
Initially 17.000 publications (Today 115.000)

Content



Grid





2-nd milestone Cream of Science

10 May 2005

www.creamofscience.org

Complete oeuvre of +10 top
scientists per DARE participant



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Some figures of Cream of Science

- **15 Institutions**
- **207 authors (187 male, 20 female)**
- **42.000 records = 195/author (from 3 to 1224)**
- **60 % full text = 25.000**
- **25% copyright obstructed, 15% only metadata available at the moment**





President of the Royal Academy



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3-rd milestone

HunDAREd thousand

100.000 new OA publications (of which 10.000 doctoral theses under the name) **Promise of Science**

and, what's more,

IRs are embedded in the local and national knowledge infrastructure



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4-th milestone

Promise of Science

September 2006: Dutch National site for e-theses officially launched

Now: 13,813 doctoral e-theses from all Dutch universities

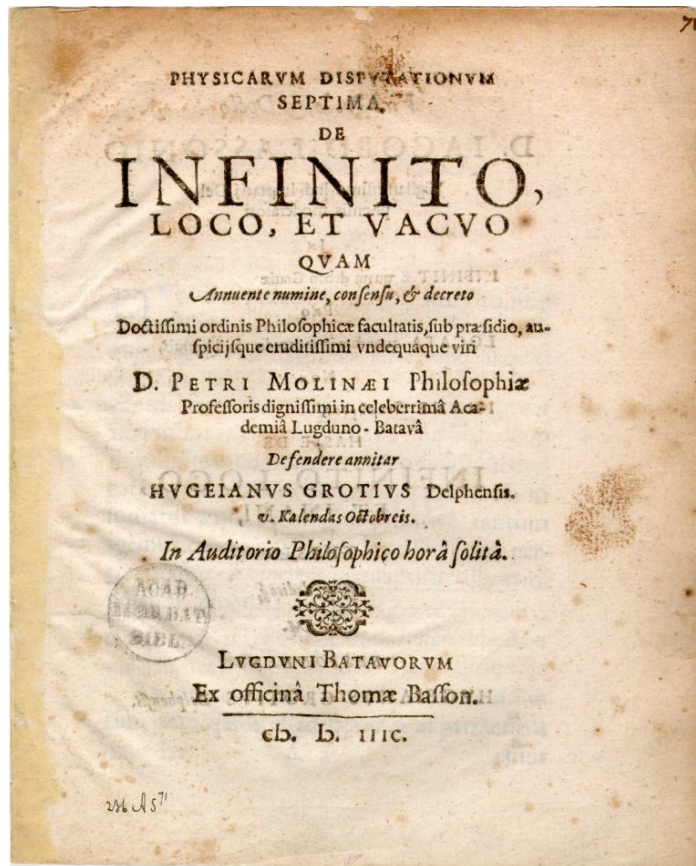
Yearly production about 2,500 e-theses

- **1995 about 17% available**
- **2006 about 77% available**



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Oldest e-thesis in Promise of Science



Title: Physicarum disputationum septima de infinito, loco et vacuo
Other Titles: Van de fysische disputaties de zevende. Over het oneindige, plaats en leegte.

Authors: Groot, Hugo de
Issue Date: 27-Sep-1597
Publisher: Thomas Basson, Leiden



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Lessons learned

Cooperation

- Academy of Science, university libraries, national library, SURF, National Research Council (NWO)

Appointments about open standards and harvesting

- internet, web, XML, OAI PMH, DC ++, (IEEE LOM, DIDL, SOA)

New actions to fill the repositories

- Cream of Science, Promise of Science





Success factors

DAREnet with 115.000 objects

Copyright toolbox, including a licence to publish

<http://copyrighttoolbox.surf.nl/copyrighttoolbox/authors>

Communication toolkit for aquisition of doctoral e-theses

1-1-07: KNAW takes over responsibility

DAREnet



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European dimension: DRIVER

DAREnet is very scalable: DRIVER

DRIVER: Digital Repository Infrastructure Vision for European Research

Testbed for a future knowledge infrastructure of the European Research Area

Web: <http://www.driver-repository.eu/>



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Future Plans

Darenet management KNAW

Integration DAREnet and NARCIS

RSS feeds

Relation CRIS, datasets, and repository

Linking repositories and datasets

Metadata complex objects (DIDL)

SURFshare



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DAREnet management

- **As from January, 1st, 2007:
KNAW Research Information responsible**
- **Initially taken over ‘as it’**





NARCIS

- **National Academic Research and Collaborations Information System**
- **Project of KNAW Research Information in co-operation with NWO**
- **Portal giving access (a.o.):**
 - Research Information
 - Dutch repositories
 - Datasets
 - Webpublications
 - News from scientific organisations



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Integration DAREnet and NARCIS

- **NARCIS combines roughly the Dutch Research Database and DAREnet, but.....**
- **DAREnet has unique features**
- **NARCIS-DAREnet integration project to combine the best of two worlds**





RSS-feed

- **For notification on newly added content**
- **Will be implemented into DAREnet**
- **Based upon search statement (so, user defined!)**





E-depot

- **To realise long-term preservation**
- **Royal Library responsible**
- **In line with Royal Library's role as Deposit Library**





CRIS and E-depot

- **CRIS:** Current Research Information
- **E-depot:** Research results

Via linking of identifiers:

- **Relation between research projects and publications visible**





Datasets and DANS

- **Datasets: primary results of a research project**
- **DANS (Data Archiving and Networked Services):**
 - permanent access tot data sets in the Humanities and Social Sciences
- **Linking DANS- and CRIS-identifiers:**
Relation between research projects and datasets visible
- **Combination E-depot, CRIS and DANS identifiers for total overview of research**





SURFshare

- **New SURF programme 2007-2010**
- **Focused on the researcher's workflow**
- **4 major themes:**
 - **enriched publications**
 - **collaboratories**
 - **new quality control systems and new impact measurement methods**
 - **research data registration and data curation**





Thank you for your attention

www.DAREnet.nl

www.researchinformation.nl

www.NARCIS.info



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