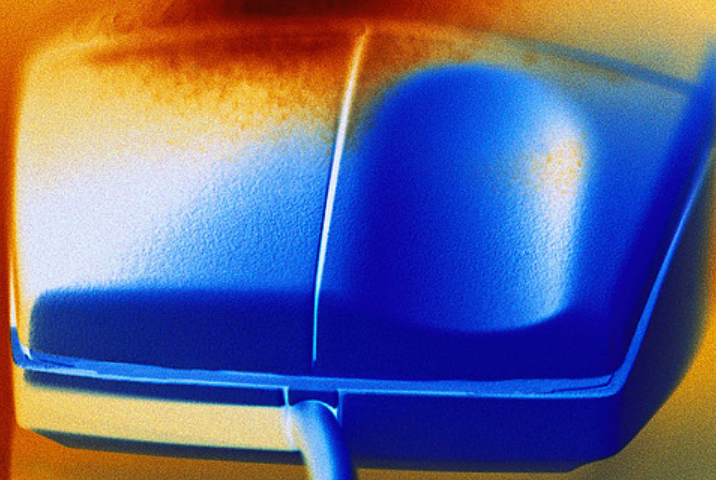


National e-Depot

History, current status & developments

Visit Die Deutsche Nationalbibliothek (DNB), Frankfurt a.M.



Johan Stapel – Head e-Depot
Eric van den Berg - Digital collection management

Edinburgh, June 6th, 2006

Overview

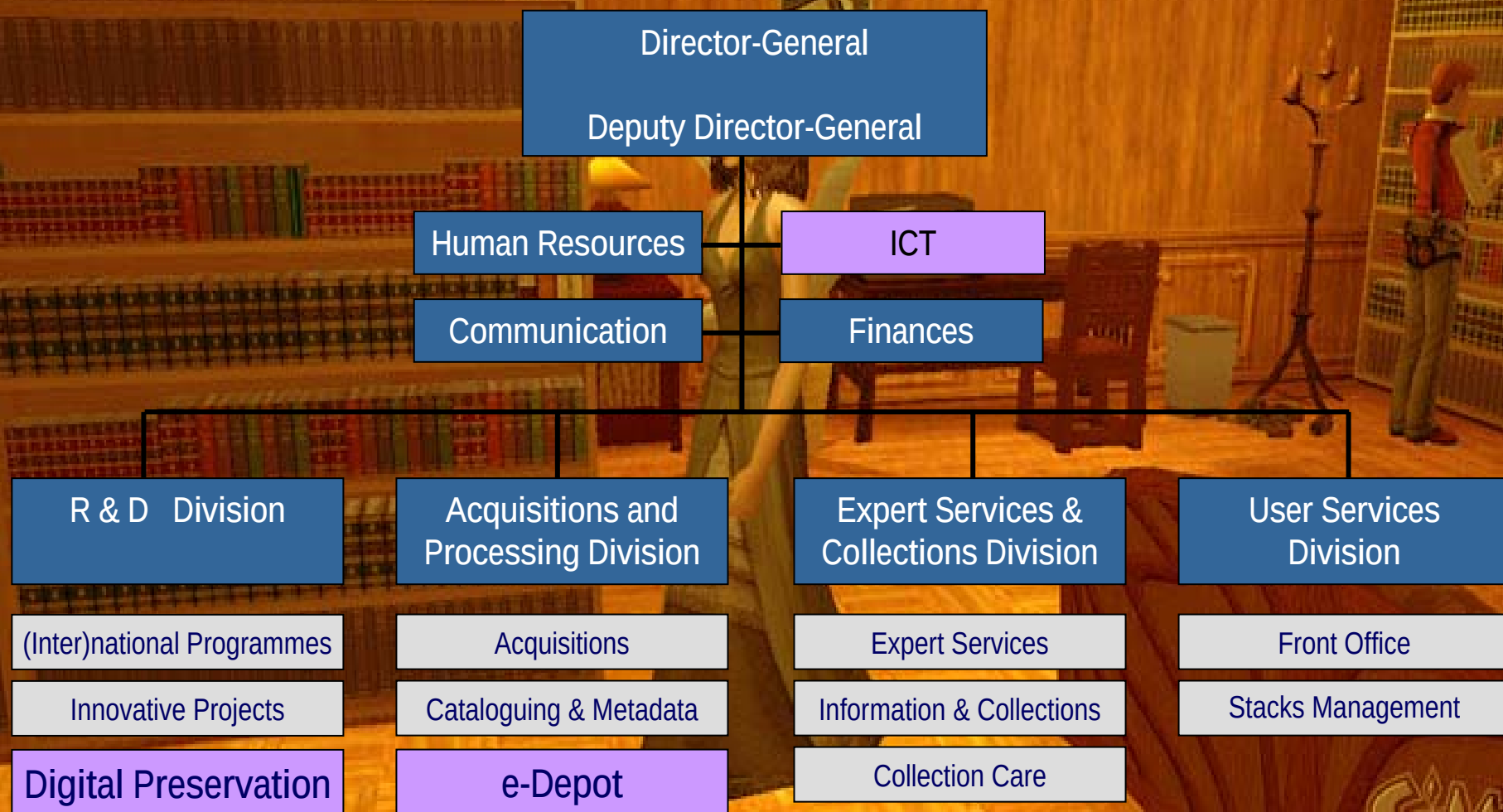
- Organisation and Policy
- Facts and Figures
- Workflow e-Depot
- Customers and Access
- National e-Depot
- Developments

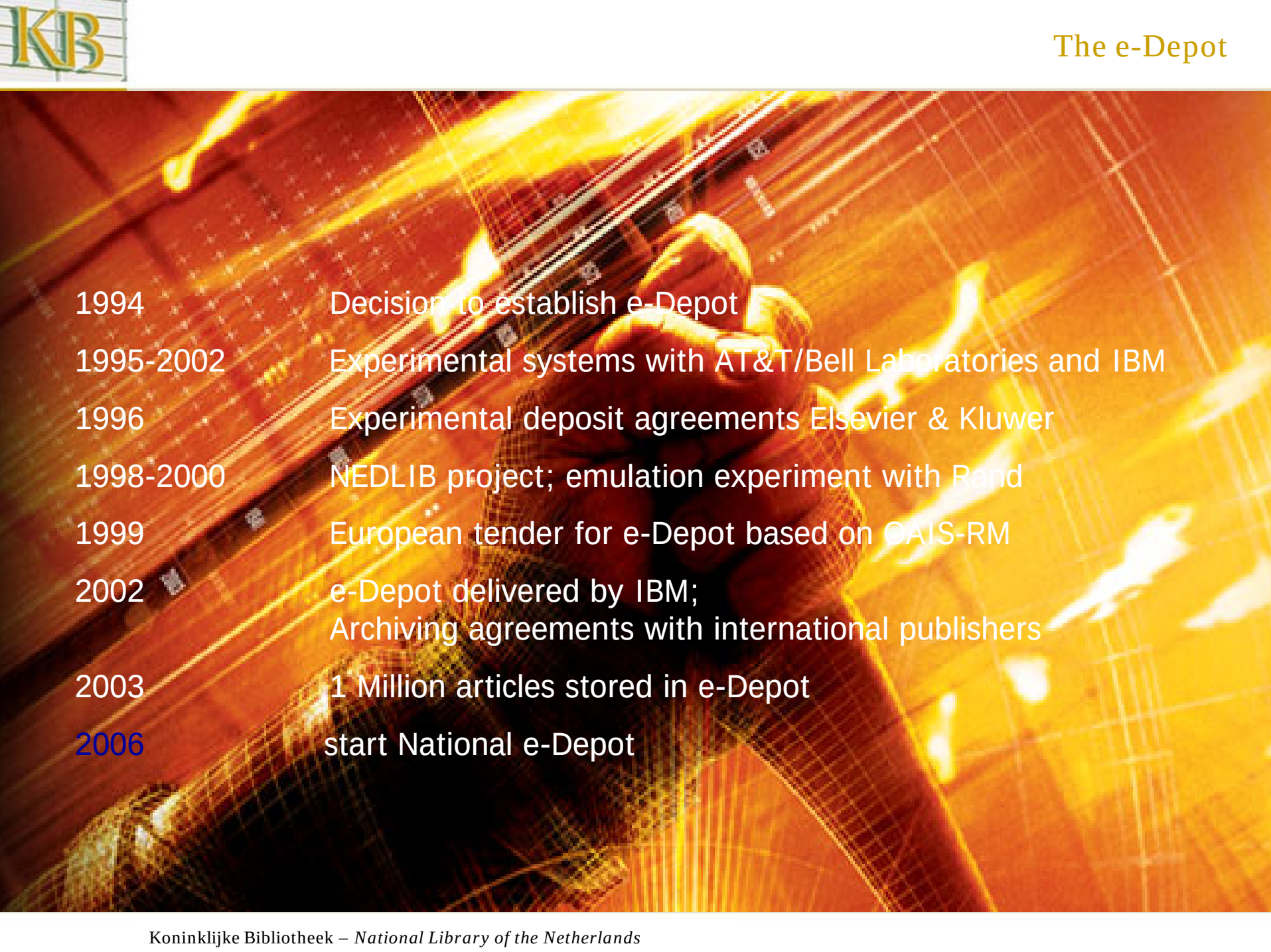
MISSION:

“Ensuring permanent availability of information and knowledge”

This yields:

- **Long-term preservation and accessibility of electronic publications**
- **Safeguarding authenticity & integrity**
- **Development of ever changing preservation and accessibility toolbox**
- **To become a dedicated institution, providing permanent access**



- 
- 1994 Decision to establish e-Depot
- 1995-2002 Experimental systems with AT&T/Bell Laboratories and IBM
- 1996 Experimental deposit agreements Elsevier & Kluwer
- 1998-2000 NEDLIB project; emulation experiment with Rand
- 1999 European tender for e-Depot based on CAIS-RM
- 2002 e-Depot delivered by IBM;
Archiving agreements with international publishers
- 2003 1 Million articles stored in e-Depot
- 2006 start National e-Depot

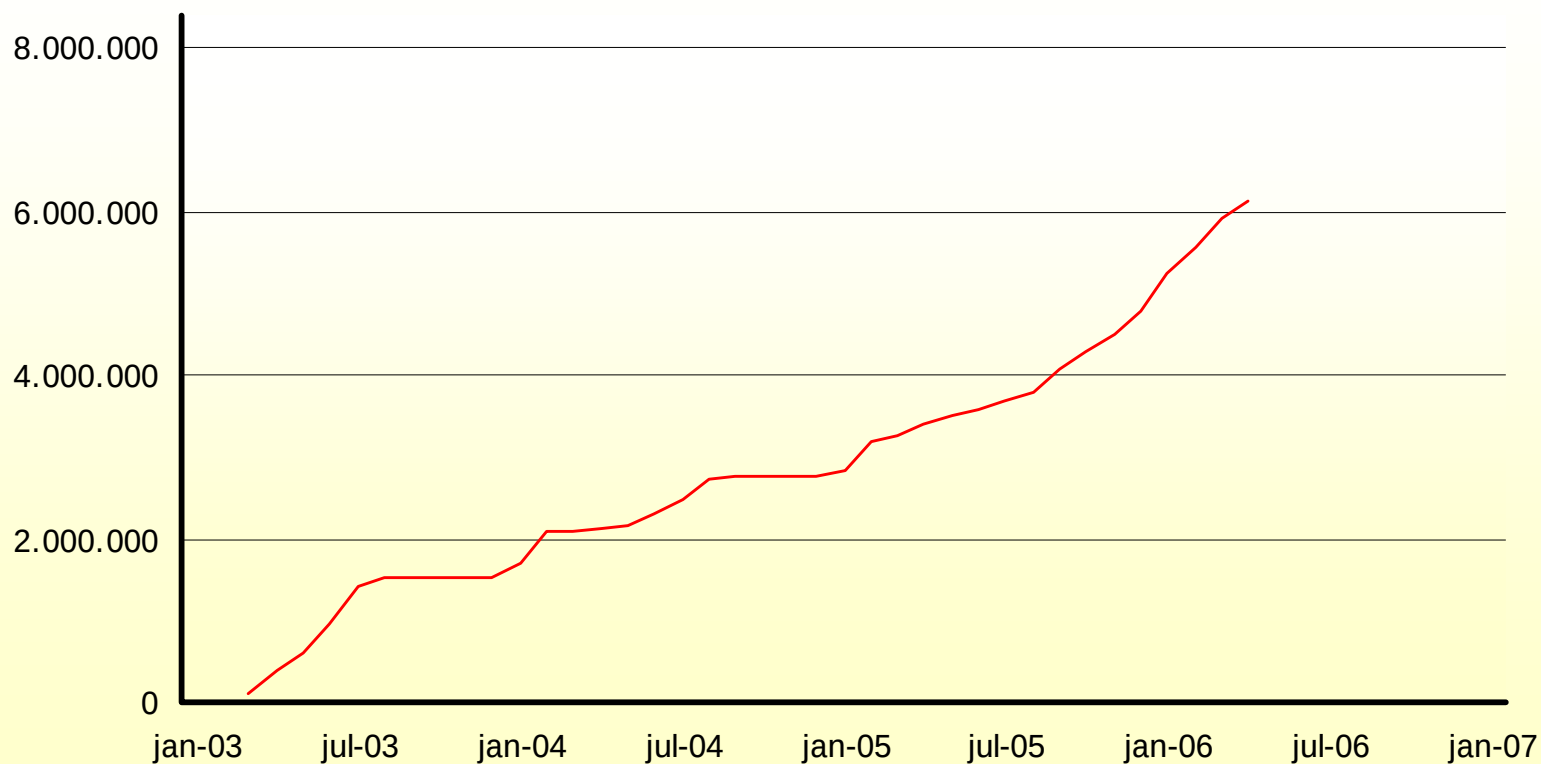
What is the e-Depot?

- *Electronic version traditional* depository
- Developed in collaboration with IBM
- Technical heart: DIAS (OAIS-compliant)
- Integrated with other library modules
- Ingest of online journal articles, e-books, and CD-roms (installables)
- Operational since March 17, 2003

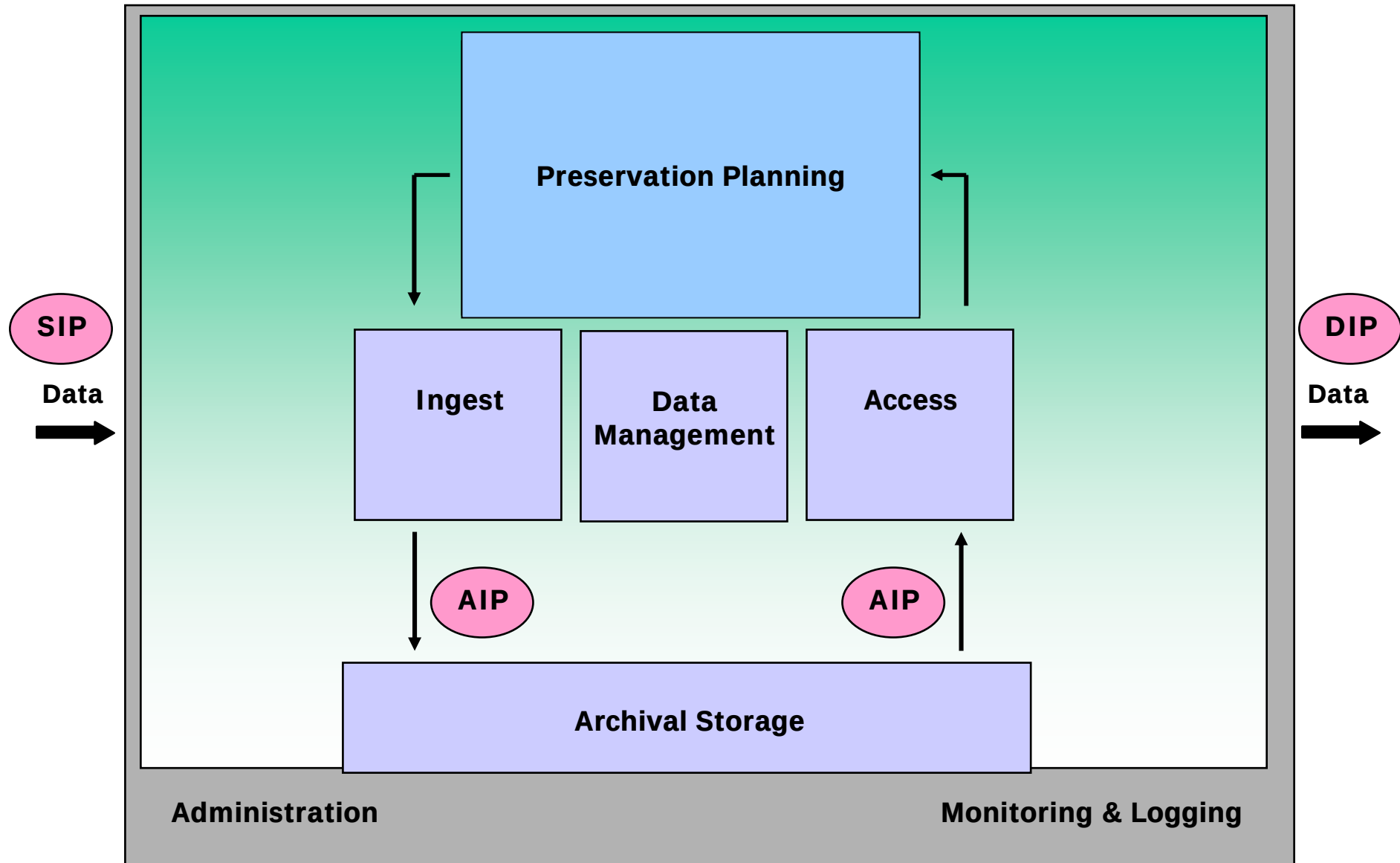
Some numbers:

- Current holdings (per 12 May 2006):
 - 6 Terabyte
 - 2.800 on line journals
 - 6.121.877 electronic publications
- Processing capacity on average 5 to 20 thousand publications per day

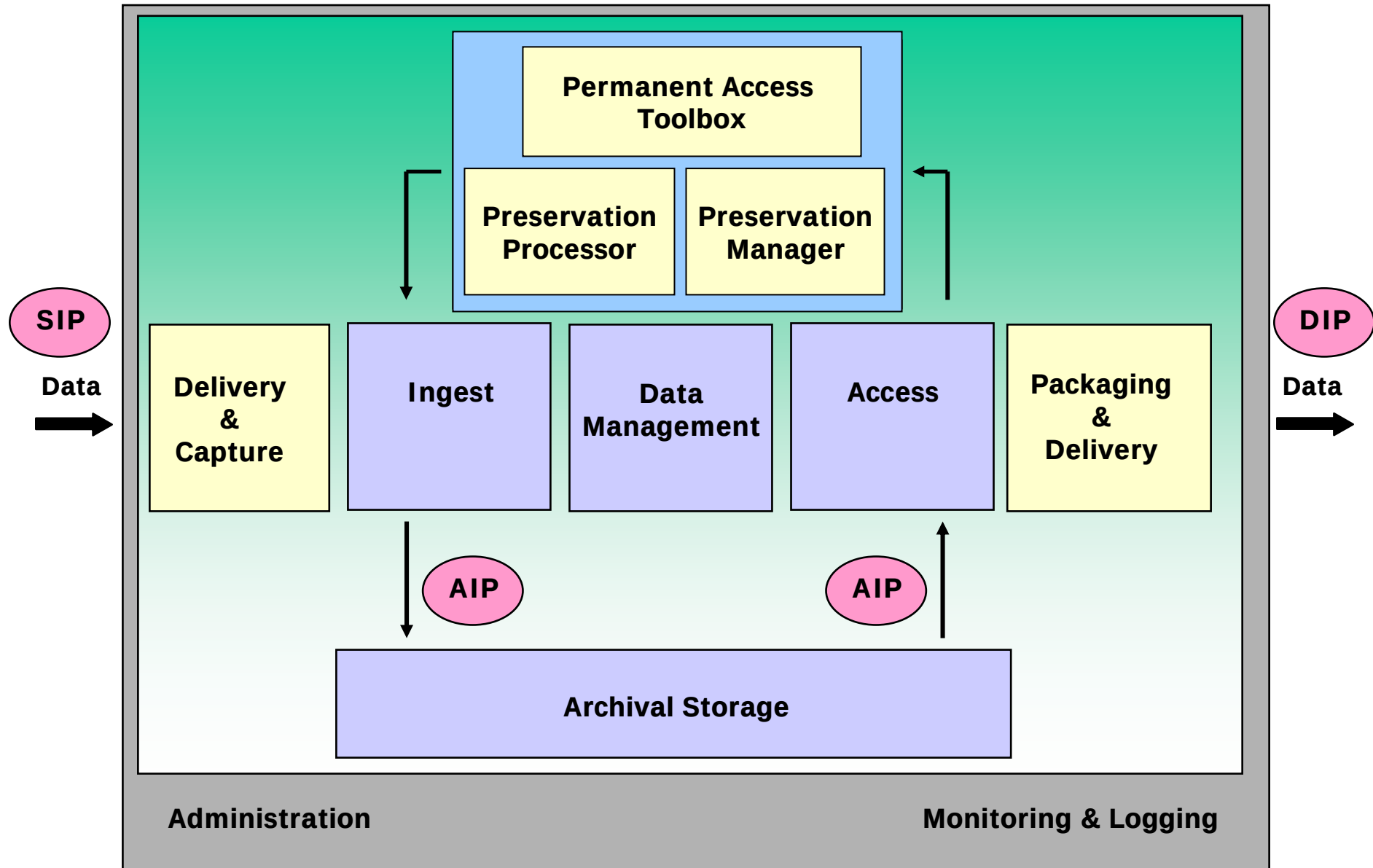
Total of loaded electronic publication in the e-Depot system

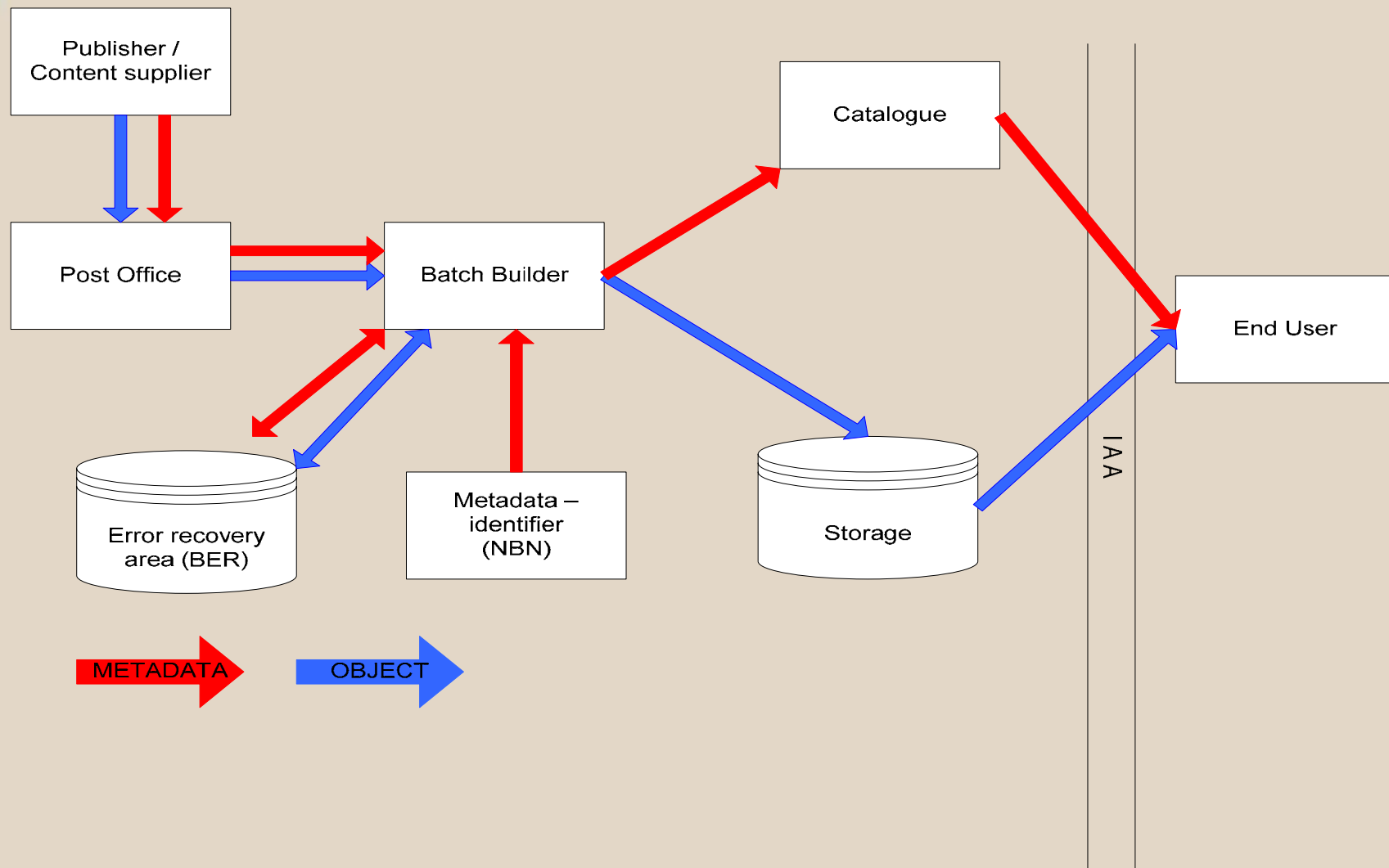


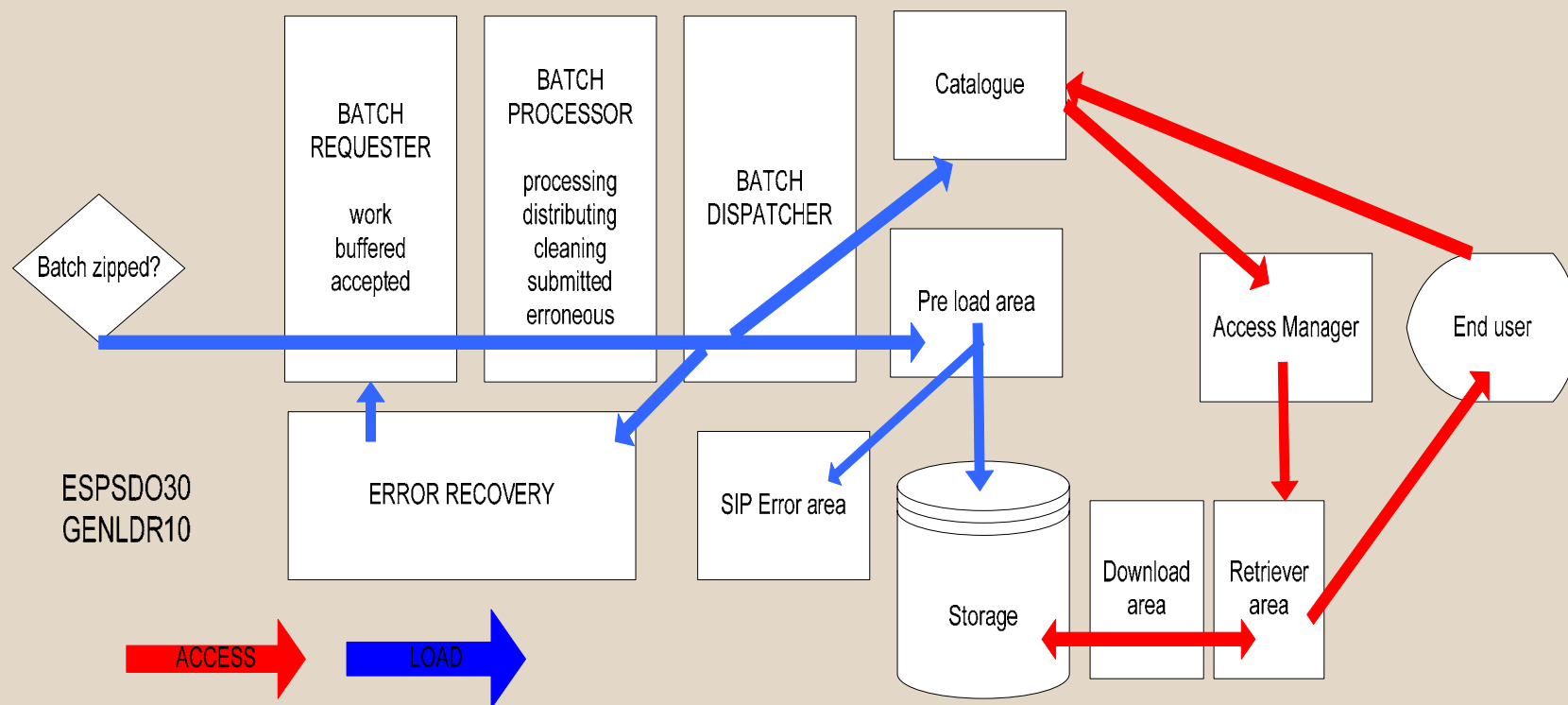
O A I S

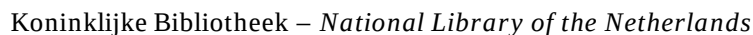


D I A S









- Questions so far?

- Let's proceed to the National e-Depot project!

History sketch National e-Depot

2001	First research of collecting Dutch e-publications (DNEP)
March 2003	Operational e-Depot: ingest of installables
Feb 2006	Phase I National e-Depot
<i>March-April</i>	<i>Working process</i>
<i>May</i>	<i>Webbased delivery</i>
<i>June</i>	<i>Evaluation & implementation</i>
June/July- end 2006	Phase II National e-Depot

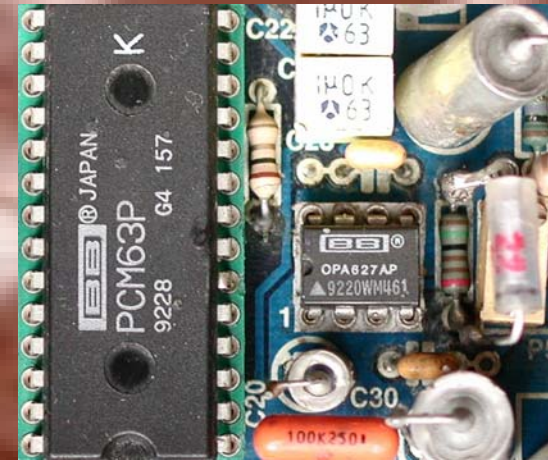
Project National E-Depot: Phase I

Central question

- “How can we develop a workflow for processing and ingest of digital publications from Dutch publishers and other (small) suppliers?”

Why now?

- Sense of urgency
 - publisher's need (CBS, small suppliers, projects)
 - KB driven (experiences, organisational, proven technology)



Project National E-Depot

Stakeholders

- General public
 - Equivalent to traditional repository
- Dutch publishers and suppliers
- All HVP departments within KB
 - Acquisition, Collection & Metadata, E-Depot



Project National E-Depot

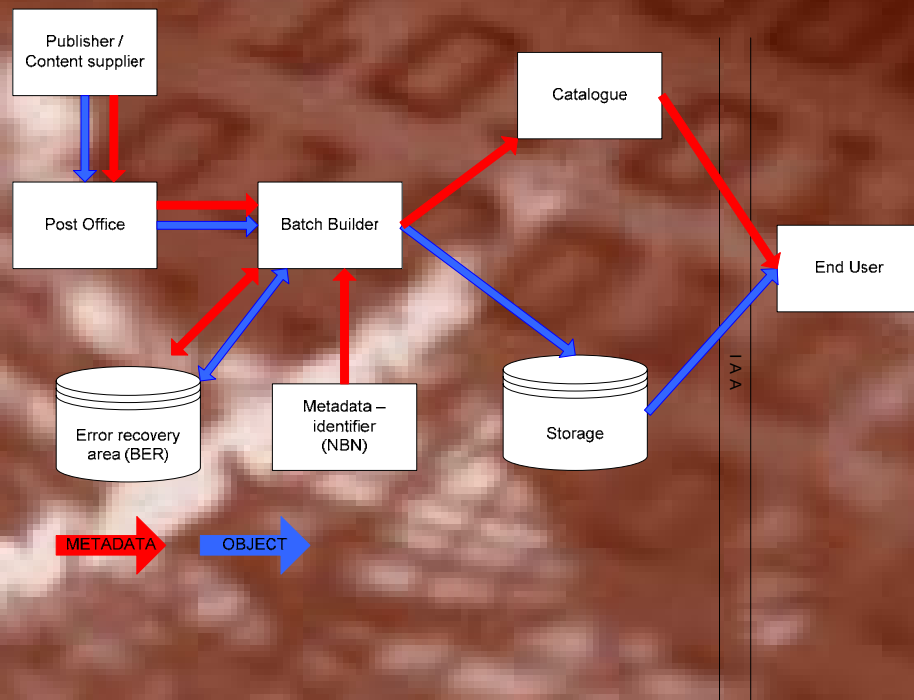
Project plan phase I

- Interviews within KB
- Participation (traditional repository)
- Survey small selection of publishers
 - Using our criteria for the traditional repository
- Developing a working process
 - Comparing as close as possible to nowadays procedures & working routines
 - Developing a web form
- Evaluation

Project National E-Depot

Outcome phase I

- Webbased delivery of object and metadata (web form PHP-based)
- Manual processing of metadata
- Manual ingest of objects conform 'normal' CDROM procedures



KB

Koninklijke Bibliotheek

Keuzeschermbaanmeldformulieren elektronische online publicaties



[Monografieën](#)

Toelichting:

Voor het toezenden van niet periodieke uitgaven komen in aanmerking: alle publicaties die worden uitgegeven in één of meerdere delen als eenheid.

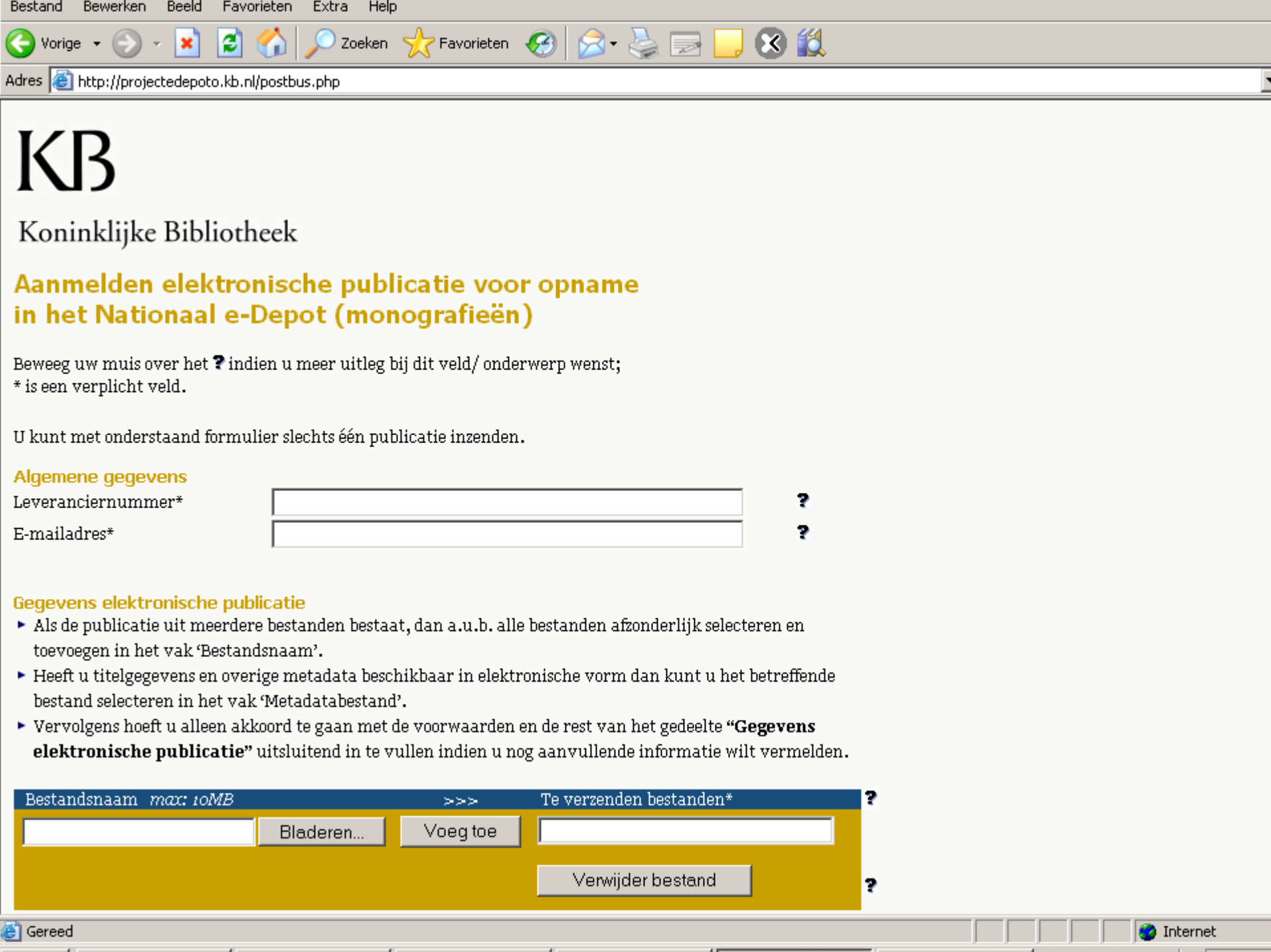
Daarnaast alle delen uit een reeks met een eigen hoofdtitel. Voorbeelden zijn: romans, proefschriften, rapporten en encyclopedieën.



Periodieke uitgaven (nog niet beschikbaar)

Toelichting:

Publicaties uitgegeven in elkaar opvolgende afleveringen of delen, gewoonlijk gerangschikt in een numerieke of chronologische volgorde, die met een zekere regelmaat verschijnen. Voorbeelden zijn: tijdschriften, dagbladen, nieuwsbrieven, e-zines en jaarlijks uitgegeven publicaties.



Titel* ?Ondertitel **Auteur(s)** ?Achternaam Voorletter(s)/ voorna(a)m(en) Tussenvoegsel **Medewerker(s)** ?Medewerker Achternaam Voorletter(s)/ voorna(a)m(en) Tussenvoegsel **Verantwoordelijke organisatie(s)** ?Organisatie **Uitgever(s)** ?Uitgever* Plaats van uitgave/ de uitgever* ?Jaar van uitgave* ?Versie/ druk/ editie/ update ?Serie/ reekstitel ?Nummer binnen serie/ reeks ?**Onderwerp(en)** ?Onderwerp Moot ?

Adres http://projectedepoto.kb.nl/postbus.php

Jaar van uitgave* ?

Versie/ druk/ editie/ update ?

Serie/ reekstitel ?

Nummer binnen serie/ reeks ?

Onderwerp(en) + - ?

Onderwerp

Taal ▼ ?

ISBN ?

☐ De publicatie is beschikbaar op het internet ?

URL

☐ Ik ga akkoord met de [voorwaarden](#)* ?

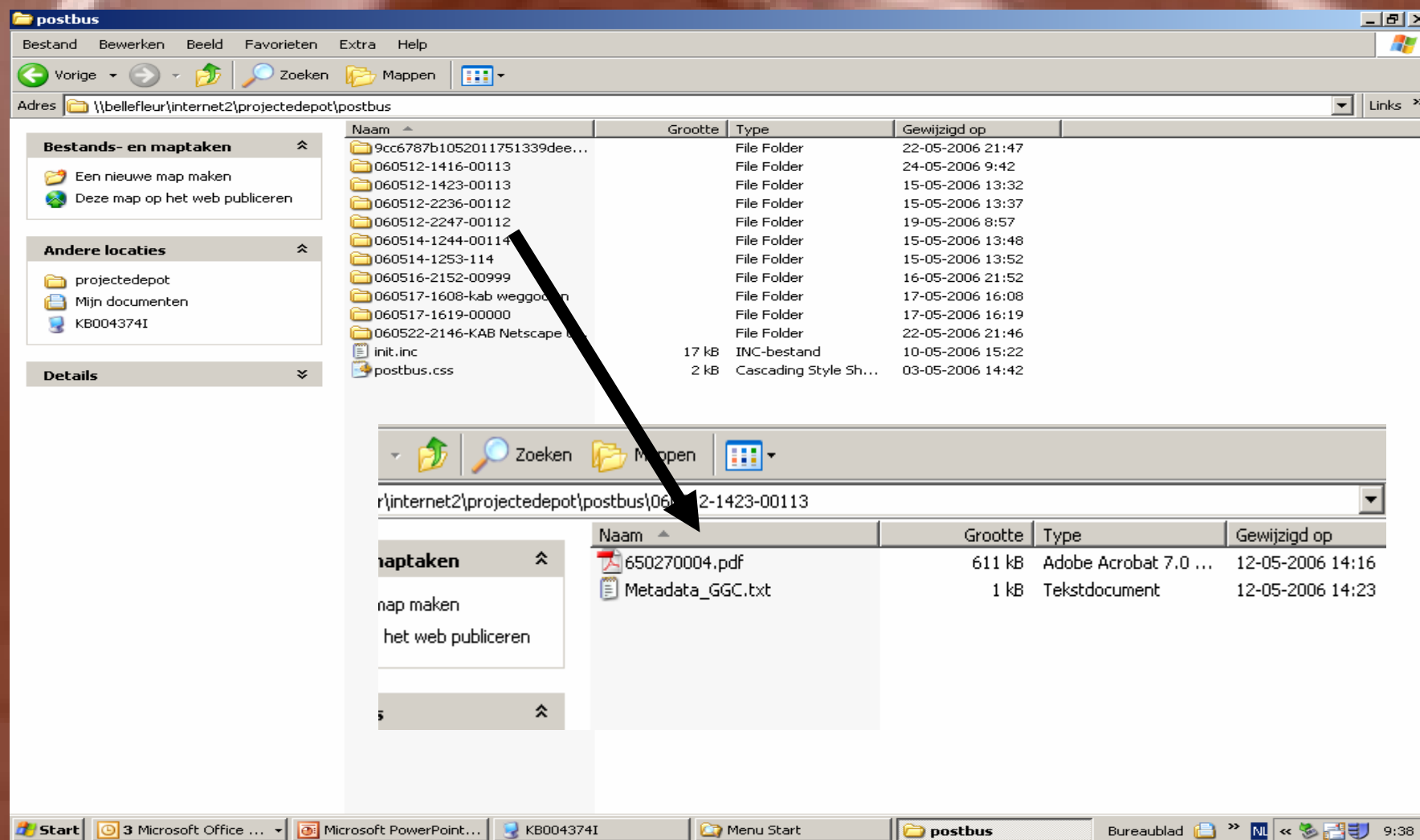
☐ De publicatie mag ook buiten de Koninklijke Bibliotheek opvraagbaar zijn. ?

Opmerkingen en aanvullende informatie

Verstuur

Wis

Receipt in “post office”

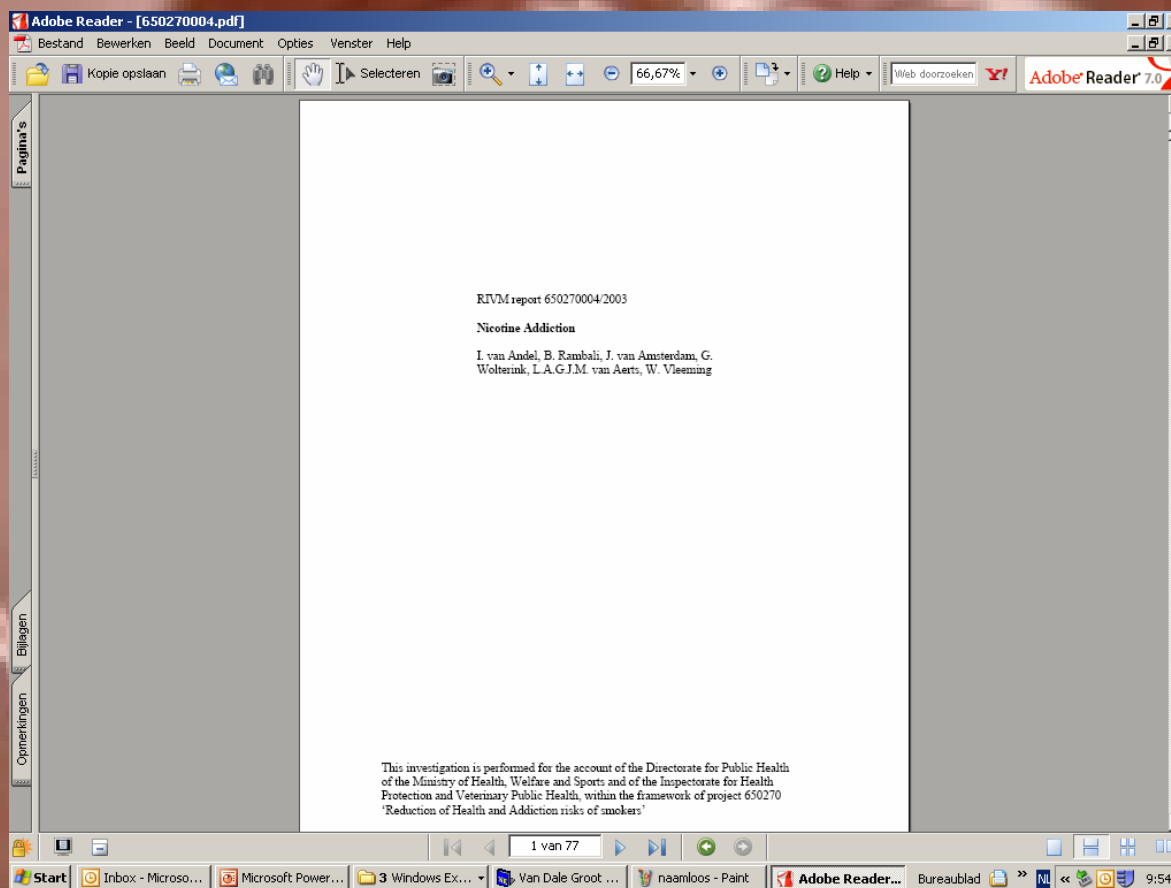


The screenshot shows a Windows XP file explorer window titled 'postbus'. The address bar shows the path: \\bellefleur\internet2\projectedepot\postbus. The main pane displays a list of folders and files. A black arrow points from the folder '060512-1423-00113' in the main list to a smaller window showing its contents.

Naam	Grootte	Type	Gewijzigd op
9cc6787b1052011751339dee...		File Folder	22-05-2006 21:47
060512-1416-00113		File Folder	24-05-2006 9:42
060512-1423-00113		File Folder	15-05-2006 13:32
060512-2236-00112		File Folder	15-05-2006 13:37
060512-2247-00112		File Folder	19-05-2006 8:57
060514-1244-00114		File Folder	15-05-2006 13:48
060514-1253-114		File Folder	15-05-2006 13:52
060516-2152-00999		File Folder	16-05-2006 21:52
060517-1608-kab weggooien		File Folder	17-05-2006 16:08
060517-1619-00000		File Folder	17-05-2006 16:19
060522-2146-KAB Netscape		File Folder	22-05-2006 21:46
init.inc	17 kB	INC-bestand	10-05-2006 15:22
postbus.css	2 kB	Cascading Style Sh...	03-05-2006 14:42

Naam	Grootte	Type	Gewijzigd op
650270004.pdf	611 kB	Adobe Acrobat 7.0 ...	12-05-2006 14:16
Metadata_GGC.txt	1 kB	Tekstdocument	12-05-2006 14:23

Object (pdf)



Metadata file (web form)

Metadatabestand: revisieA.txt

Leveranciersnummer: 00112

E-mailadres: boek@interpublications.nl

0500 Oaa

1100 2005

1500 /1ned

1700 /1nl

2000 9078292040en9789078292043

3000 D@Koppenol

4000 Revisie A / D Koppenol

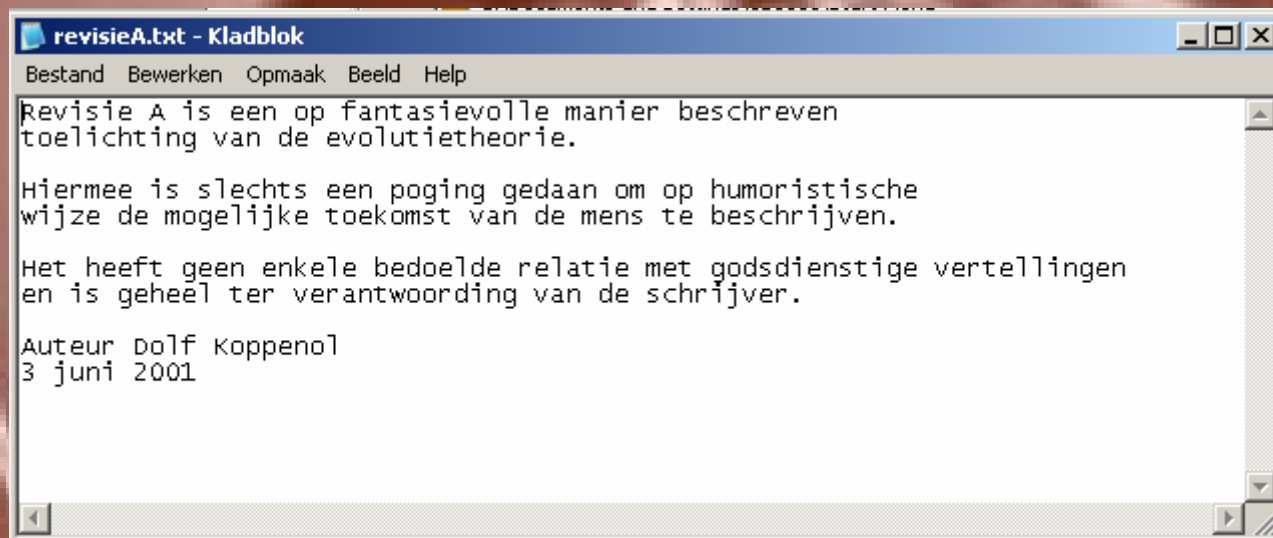
4030 Rotterdam : Interpublications b.v.

4170 I boek ; 2

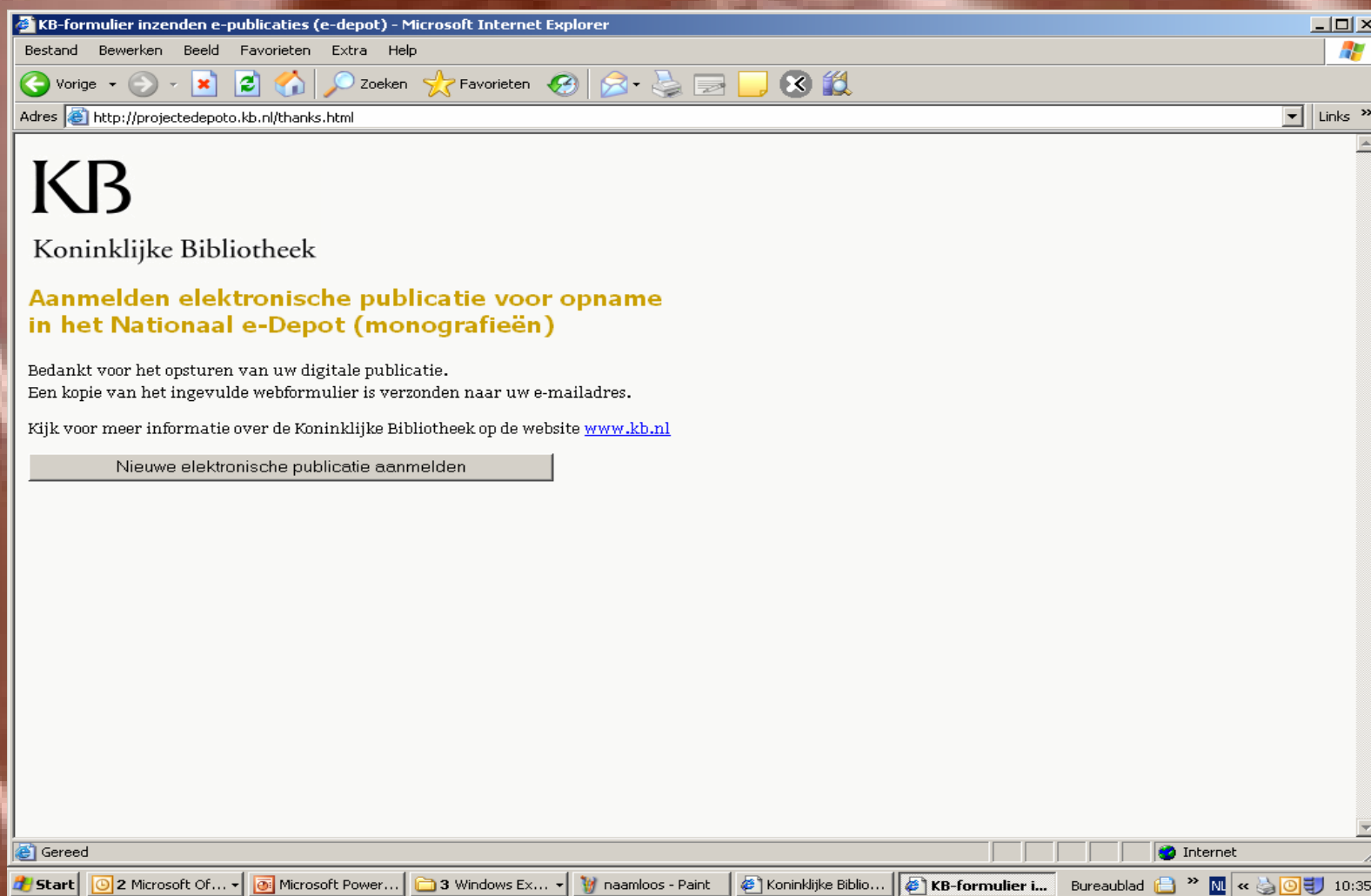
5201 Een fantasievolle kijk op de evolutie

6501 !292999011!

Metadata file (added to web form)



Message to the supplier



Evaluation phase I

- Satisfactory?
- Yes, but we need a second phase
 - A more automatic approach
 - Only single e-publications can be enrolled by a publisher
 - 'bulk' delivery is still a challenge (FTP, DVD)
 - capacity problems traditional/e-Depot may arise soon
 - We need a process for periodicals
 - Handling responses of publishers

Some other developments in 2006

- **DARE: Digital academic repositories**
 - Joint repositories for university libraries
 - Stored for the long-term in the e-Depot
- **Webarchiving**
 - Pilot phase 2006-2007
 - Select, harvest, describe, ingest, long-term storage
 - (concept) processes, experiences, learning
- **National e-Depot project**
 - Start Phase II
- **Hardware migration**
 - Renew hardware, accelerate loading capacity, storage...
- Publisher update like Sage, Taylor & Francis, Blackwell, Brill, IUCr

eric.vandenberg@kb.nl

[www.kb.nl / e-depot](http://www.kb.nl/e-depot)

johan.stapel@kb.nl

[www.kb.nl / e-depot](http://www.kb.nl/e-depot)