



ERPANET. IFLA Presentation, August 20th, 2002. Glasgow



Information Society
Technologies

erpanet

**IFLA Presentation
August 20th 2002
Glasgow**

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THE PROJECT NODES

- HATII, UNIVERSITY OF GLASGOW
- SCHWEIZERISCHES BUNDESARCHIV
- NATIONAAL ARCHIEF VAN
NEDERLAND
- INSTITUTE FOR ARCHIVAL AND
LIBRARY SCIENCE, UNIVERSITY OF
URBINO



ERPASTAFF

Editors: One in each node

Coordinator: Based in Glasgow

Directors: One in each node

Advisory Committee: to ratify and
ensure consistency of direction



Risk of
Retention

Risk of Loss

Cultural
Memory

**Information
has
Recurring
Value**

Corporate
Memory

Reusability

Competitive
Advantage

Costs
of recreation
(if possible)



Preservation Challenges

- MEDIUM
 - STORAGE MEDIA NATURALLY DECAY
- TECHNOLOGICAL (E.G. HARDWARE/SOFTWARE)
 - HARDWARE AND SOFTWARE OBSOLESCENCE MAKES DATA/INFORMATION INACCESSIBLE
- INTELLECTUAL
 - VALIDATION OF INTEGRITY AND AUTHENTICITY
- CONTEXTUAL
 - AVOID LOSS OF MEANING WITH METADATA
- LEGAL IMPEDIMENTS



ORGANISATIONS NEED HELP

- Off-the-shelf policy statements
- Business cases & strategies
- Digestible guidance on technologies and their preservation implications
- Improved models (reference, costs, standards, functional requirements)
- Simple Guidelines on digital survival
- Guidance on creating data repositories
- IPR support and guidance



SIMPLY:

ERPANET WORKS TO ENHANCE
THE PRESERVATION OF CULTURAL
AND SCIENTIFIC
DIGITAL OBJECTS THROUGH:

- RAISING AWARENESS,
- PROVIDING ACCESS TO
EXPERIENCE,
- SHARING POLICIES AND
STRATEGIES, AND
- IMPROVING PRACTICES.



*erpa*Services

*erpa*studies

*erpa*advisory

*erpa*tools

*erpa*training

*erpa*charter

*erpa*workshops



ERPANETWORKSHOPS

**Launched,
June 2002**

Place	Month	Year
Toledo	June	2002
Urbino	Oct	2002
Bern	April	2003
Rome	Nov	2003
Antwerp	April	2004
Budapest	Oct	2004

Digitisation,
Conservation,
&
Preservation

XML & Web

Appraisal
Scientific Data
(with CODATA)

Joint Workshop with
InterPARES II
?Developing Policies
& Legislation?

Integrity, authenticity,
accuracy and audit



ERPASEMINARS

Place	Month	Year
Copenhagen	Nov	2002
Paris	Jan	2003
Patra/Crete	May	2003
Marburg	Sept	2003
Lisboa	December	2003
Cork	March	2004
Vienna	June	2004
Amsterdam	Sept	2004

Topics

Cost Modelling
Mechanisms for Compliance & Audit
Records management and information systems;
E-mail and web services;
OAIS
Building records management procedures and policies;
Standards;
New age data - multimedia, virtual reality.

Launching November 2002



ERPASTUDIES (1)

- 60 case studies in public and business sectors:
 - pharmaceuticals, petrochemical, entertainment, broadcasting, publishing, museums, retail, archives, telecoms, libraries
- Geographical spread and organisation size
- Outcomes:
 - Vertical View: reviews of how different sectors approach digital preservation
 - Horizontal View: looking across a range of topics what are best practices across domains.



ERPASTUDIES (2)

- Assessment of the Sectoral Exposure
- Sectoral Awareness and Investment
- Policy Building Strategies
- Risk Perception & Management
- Mechanisms for Compliance & Audit
- Cost-Benefit Rationalisation
- Technologies



THE INSTRUMENT (1)

- Administrative Section
- Perception and Awareness of Digital Preservation
- Understanding How Digital Preservation Affects Your Organisation
- Actions Taken: Policies, Strategies, Standards and Practices Developed
- Monitoring of Actions
- Future Requirements



THE INSTRUMENT (2)

‘Actions taken’ subsections

- Policies, Strategies, and Standards
- Selection of Digital Information for Preservation
- Preservation of Digital Information
- Storage of Digital Information
- Access to Digital Information
- Digital Preservation Costs



ROUND 1 SECTORS

- **Pharmaceuticals**
 - AstraZeneca, Aventis, Baye
- **Publishing**
 - OUP, Kluwer, Elsevier Science, etc.
- **Telecoms**
 - Swisscom, Orange, Telefonica, etc.
- **Broadcasting**
 - BBC, RAI, Mediaset, etc.



ROUNDS 2 & 3 SECTORS

Round 2	Round 3
Retail	Automotive
Architecture	Train traffic control
Aerospace	Insurance
Entertainment (film)	Air traffic control

The fourth round will concentrate on security services e.g. police, passport control, private security, prisons etc.



ERPACOMMENTARIES

- AUTHORITATIVE ONLINE INFORMATION SERVICES ON DIGITAL PRESERVATION
 - ANALYTIC REVIEWS OF PUBLISHED AND ONLINE LITERATURE
 - INCLUDING ASSESSMENT OF 100 JOURNALS
 - ASSESSMENT OF TECHNICAL GUIDELINES AND RELEVANT STANDARDS
 - PROJECTS AND INITIATIVES REVIEWED

Launching August 2002



ERPANET ADVISORY

- Provides the Community with access to answers to digital preservation expertise
- Building a Resource of Authoritative Answers to Digital Preservation Questions
 - a database of frequently asked questions with answers
- Making accessible examples of best practice

Launching in August 2002



ERPATOOLS

Year 1 Tools

- Policy Building Framework
- Costing Digital Preservation Strategies
- Digital Object Risk Management Methods
- Selecting Technologies

Launching in November 2002



ERPANET at IFLA

Friday 23rd August, 09:00-12:00

Bernard Smith (European Commission)

Ron Zweig (University of Tel Aviv)

Costis Dallas (CriticalPublics.com)

Hans Hofman (Nationaal Archief & ERPANET)

Seamus Ross (HATII & ERPANET)

?Brewster Kahle (Internet Archive)?



For our products, information and
registration:

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ERPANET-- Seamus Ross & Peter McKinney