



# *erpanet*

**IFLA Presentation  
August 20th 2002  
Glasgow**

Seamus Ross (HATII, University of Glasgow)  
& Peter McKinney (Coordinator, ERPANET)



## 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

Competitive  
Advantage

Reusability

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



# ERPANET WORKSHOPS

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



# ERPANET SEMINARS

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

- AUTHORITY 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 23<sup>rd</sup> 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:

[www.erpanet.org](http://www.erpanet.org)

[Coordinator@erpanet.org](mailto:Coordinator@erpanet.org) / [Director@erpanet.org](mailto:Director@erpanet.org)

*ERPANET-- Seamus Ross & Peter McKinney*