The Preservation Action Cycle: Introduction to Planets

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WHY UNDERTAKE DIGITAL PRESERVATION?
Planets Preservation Action in the context of Business Risk Management

- British Standard 31100 - Code of practice for risk management
- UK Office of Government Commerce’s Management of Risk
- BS ISO 14721:2003 Reference Model for an Open Archival Information System (OAIS)
“OAIS as a reference model does not proscribe standards or technical architectures for archives or repositories, rather it gives a framework and an ontology for communication.”
The organization should base its risk management practices on the following well defined risk management principles, which are derived from experience, best practice and corporate governance principles.”

Risk management should be part of decision making”

Risk management should be tailored”
Risk Identification

Identify Risk

PLATO Preservation Planning Tool
Planets Characterisation Services
Planets Core Registry
Risk Assessment

PLATO Preservation Planning Tool
Planets Characterisation Services
Planets Core Registry
Risk Planning and Evaluation

Plan to Mitigate Risk including evaluate alternate strategies

Planets PLATO Planning Tool
Planets Testbed and Corpora
Planets Emulation Services
Planets Preservation Characterisation Services
Planets Core Registry
Planets Comparator
Risk Plan Implementation
Risk Plan Implementation

- Planets Interoperability Framework
- Planets Testbed and Corpora
- Planets Emulation Services
- Planets Preservation Characterisation Services
- Planets Core Registry
- Planets Comparator

Implement Plan
Risk Plan Update and Review

Planets PLATO Planning Tool
Testbed
Core Registry

Update and Review
A New Risk Trigger

**Internal / External**
- Change in Policy
- Change in Business Environment
- Change in Technical Environment

[Diagram of cycle with arrows indicating Identify Risk, Planets Preservation, and Alerting Service]
Planets and Risk Management

- Identify
- Assess
- Plan
- Implement
- Update and Review

- PLATO
- Characterisation
- Testbed and Corpora
- Core Registry
- Emulation and Migration Tools
- Planets Comparator
- Preservation Alerting Service
- All wrapped in an Interoperability Framework
Questions