



The Preservation Action Cycle: Introduction to Planets

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WHY UNDERTAKE DIGITAL PRESERVATION ?

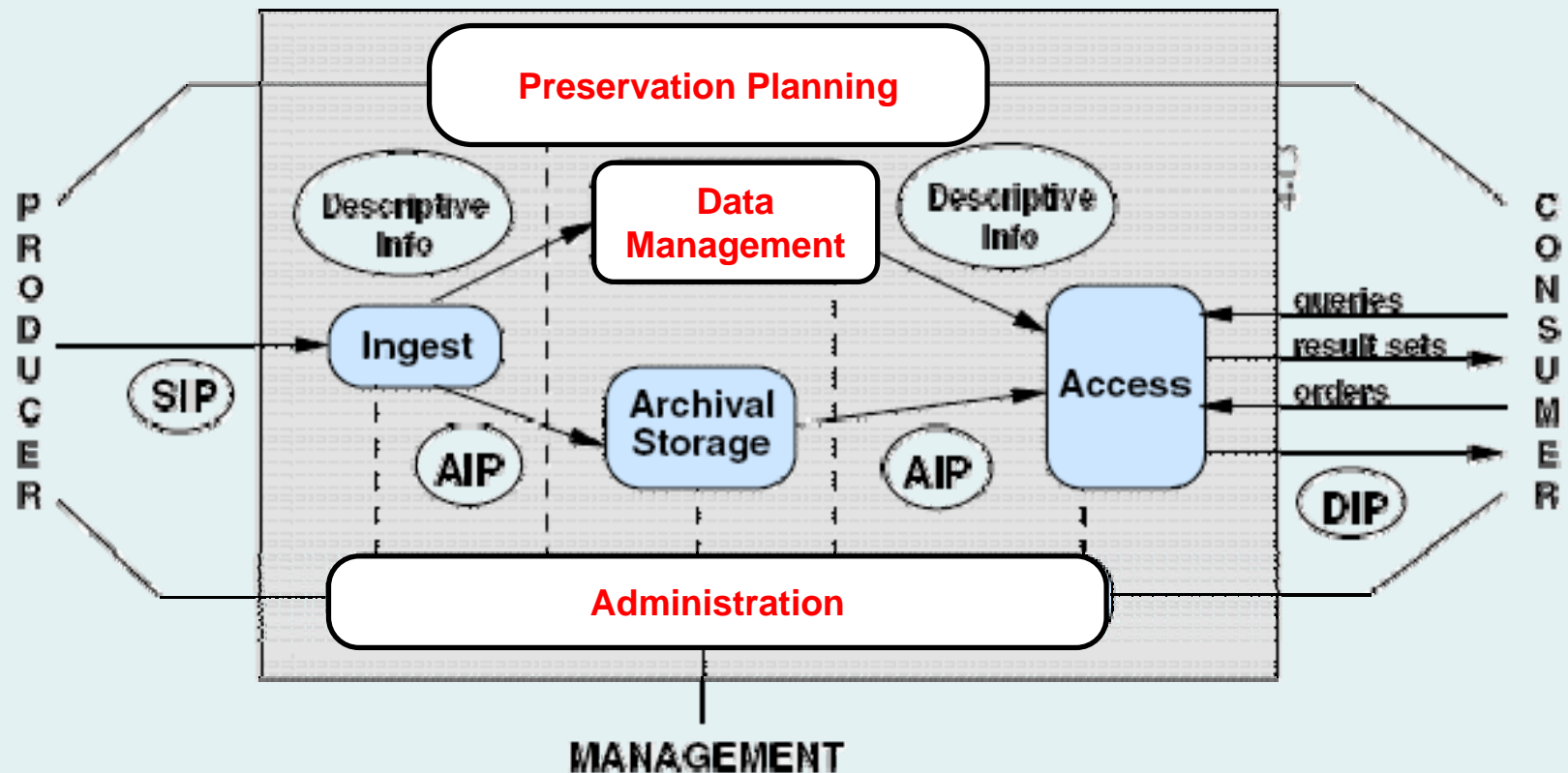


Planets Preservation Action in the context of Business Risk Management

- ❑ 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



“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”

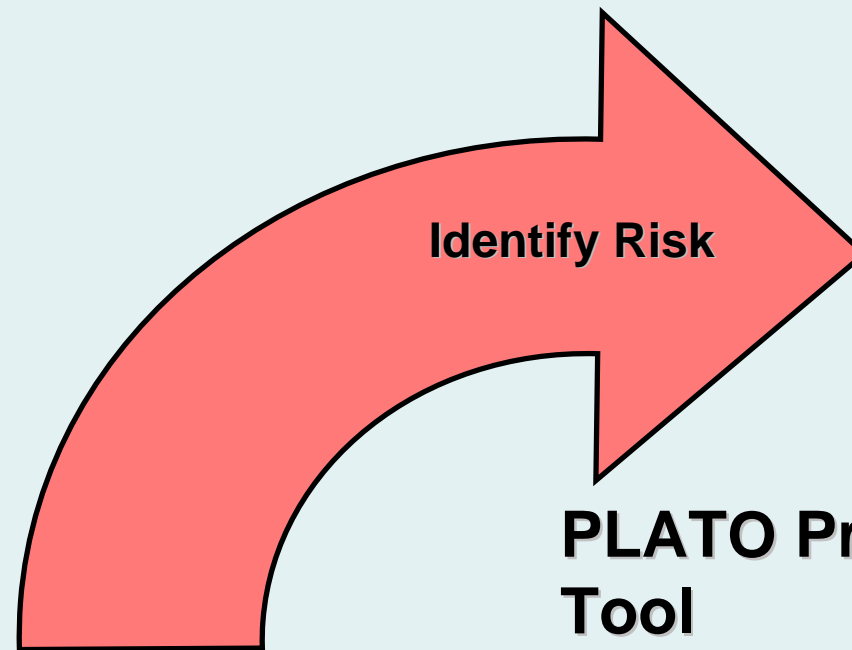


BS31100

- ❑ “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



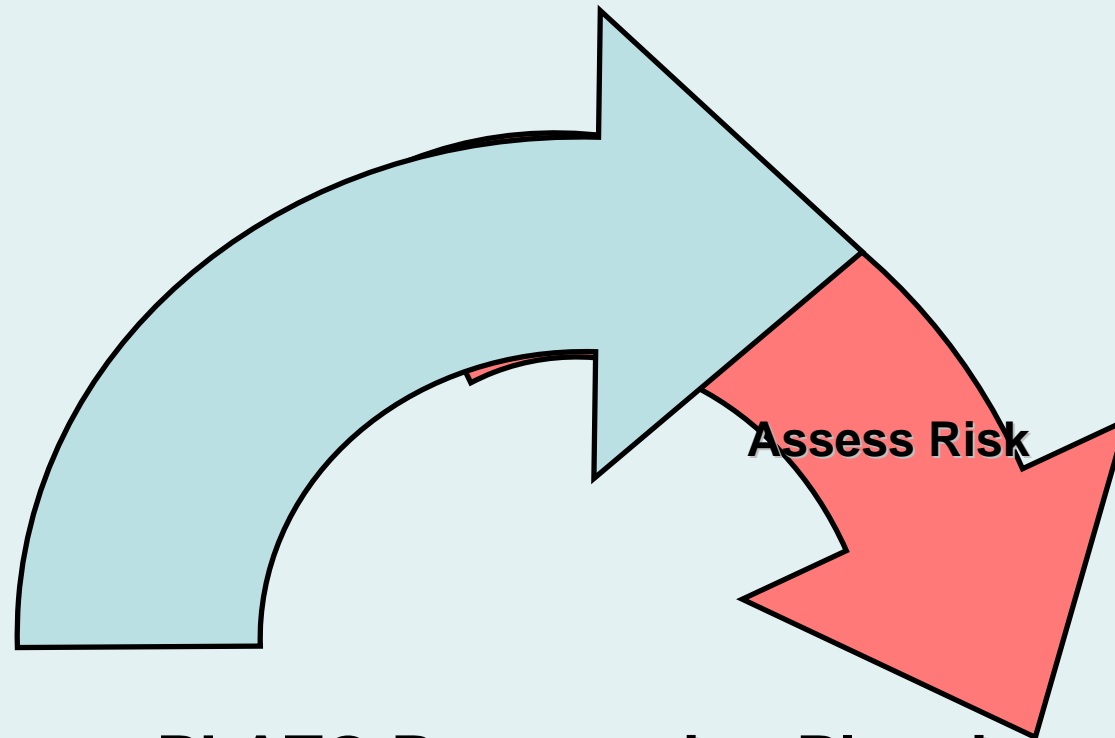
**PLATO Preservation Planning
Tool**

**Planets Characterisation
Services**

Planets Core Registry



Risk Assessment



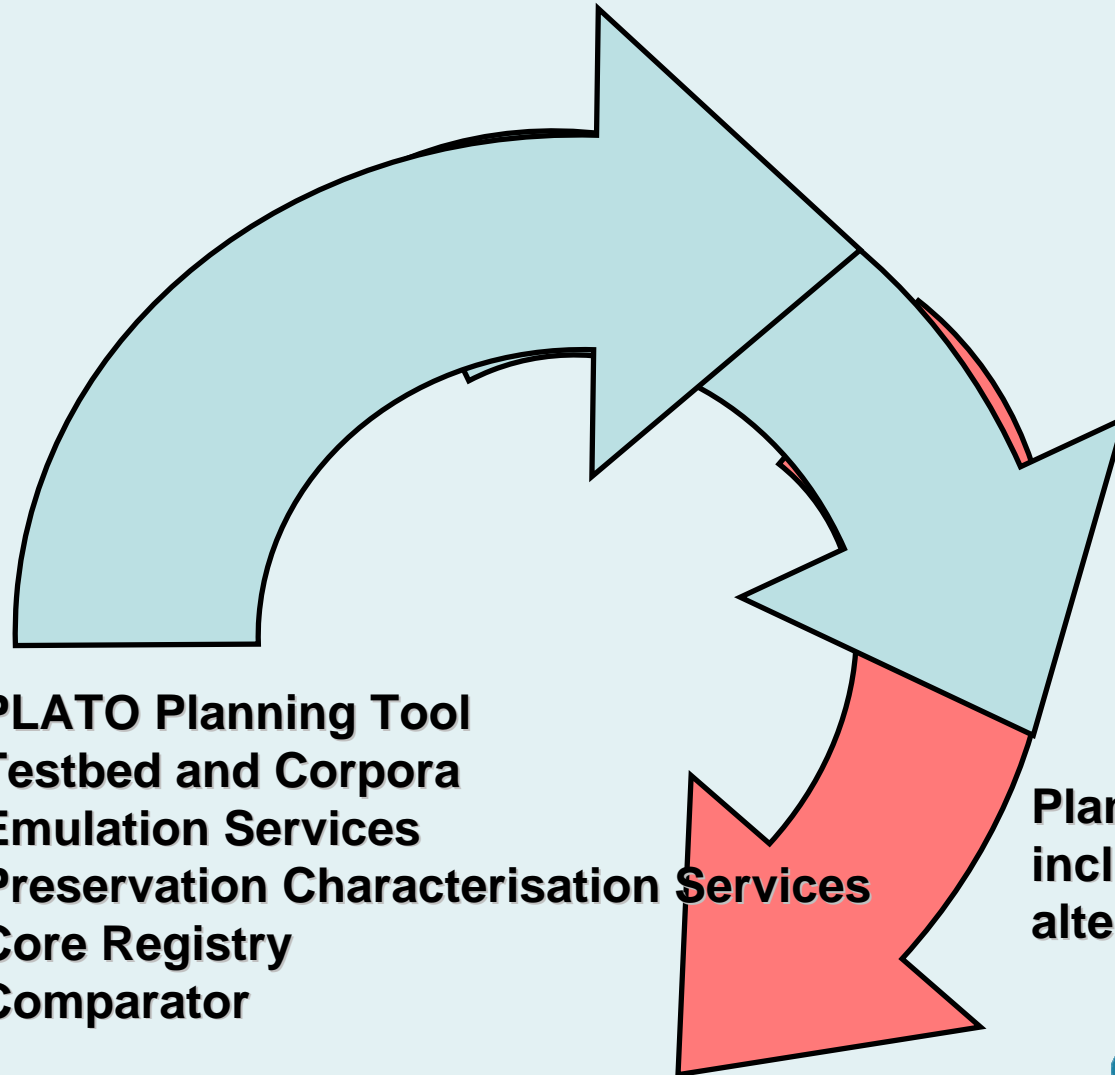
**PLATO Preservation Planning
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Planets Characterisation Services

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Risk Planning and Evaluation

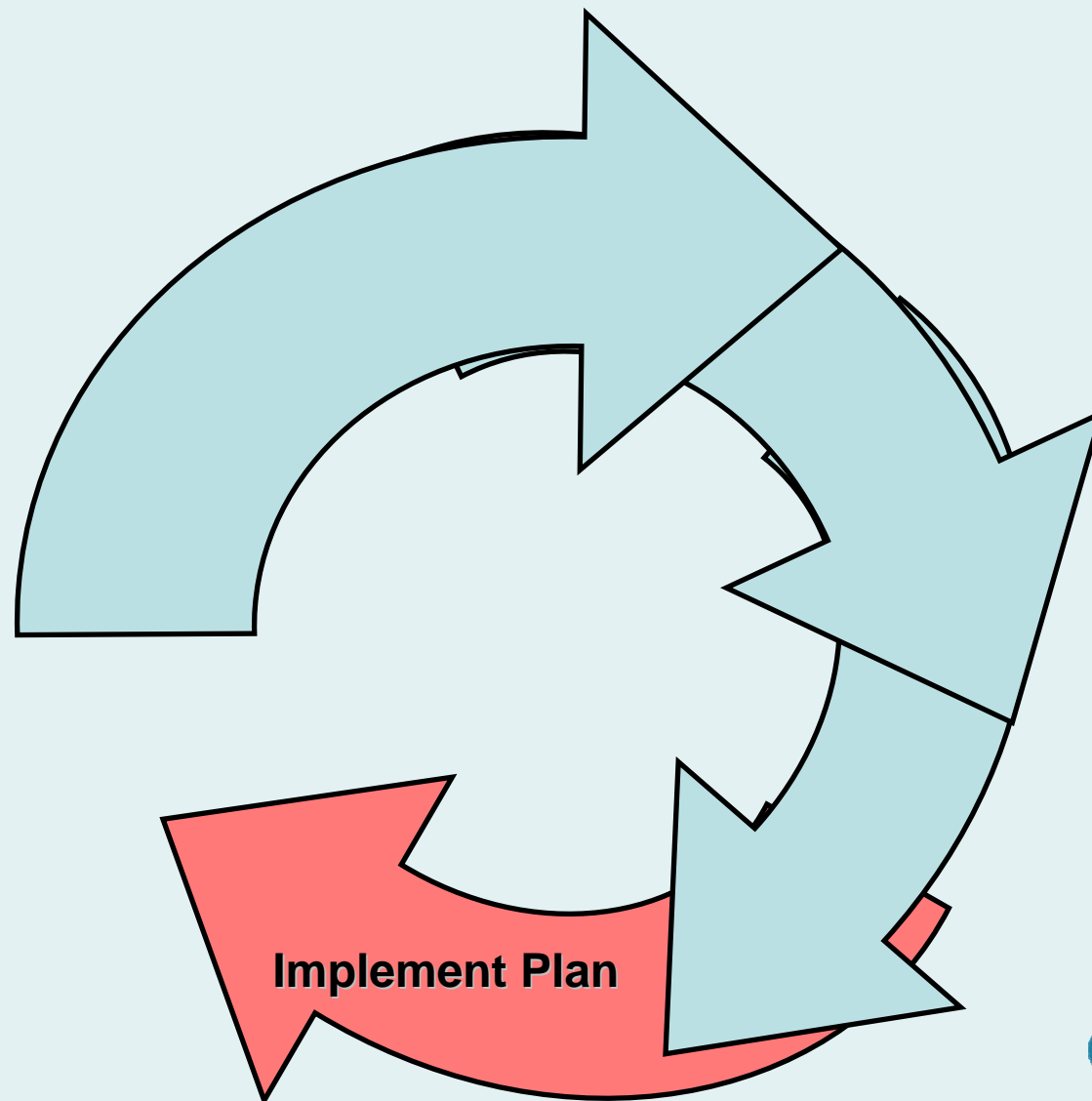


Planets PLATO Planning Tool
Planets Testbed and Corpora
Planets Emulation Services
Planets Preservation Characterisation Services
Planets Core Registry
Planets Comparator

**Plan to Mitigate Risk
including evaluate
alternate strategies**



Risk Plan Implementation



Risk Plan Implementation

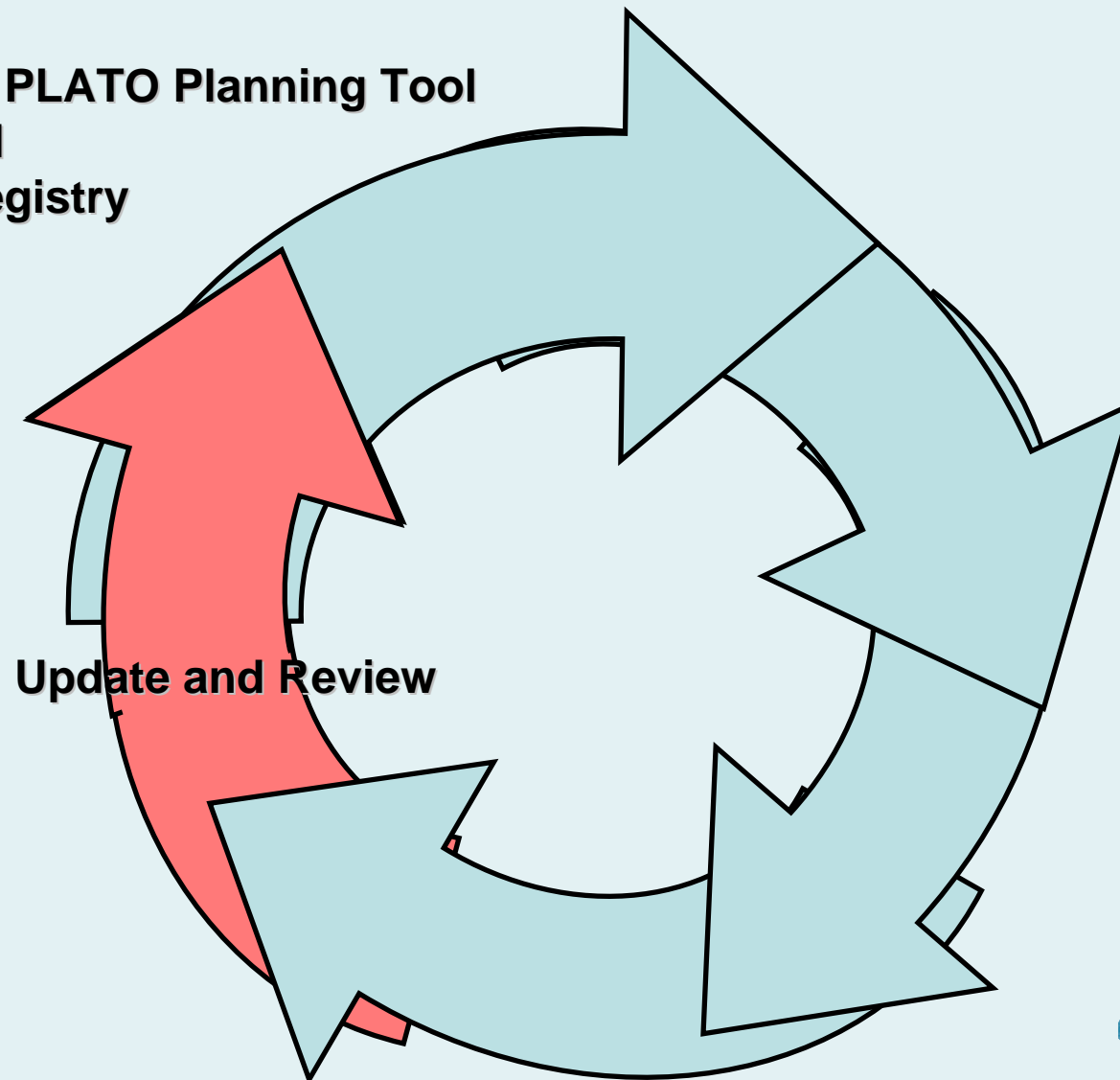
Planets Interoperability Framework
Planets Testbed and Corpora
Planets Emulation Services
Planets Preservation Characterisation Services
Planets Core Registry
Planets Comparator

Implement Plan



Risk Plan Update and Review

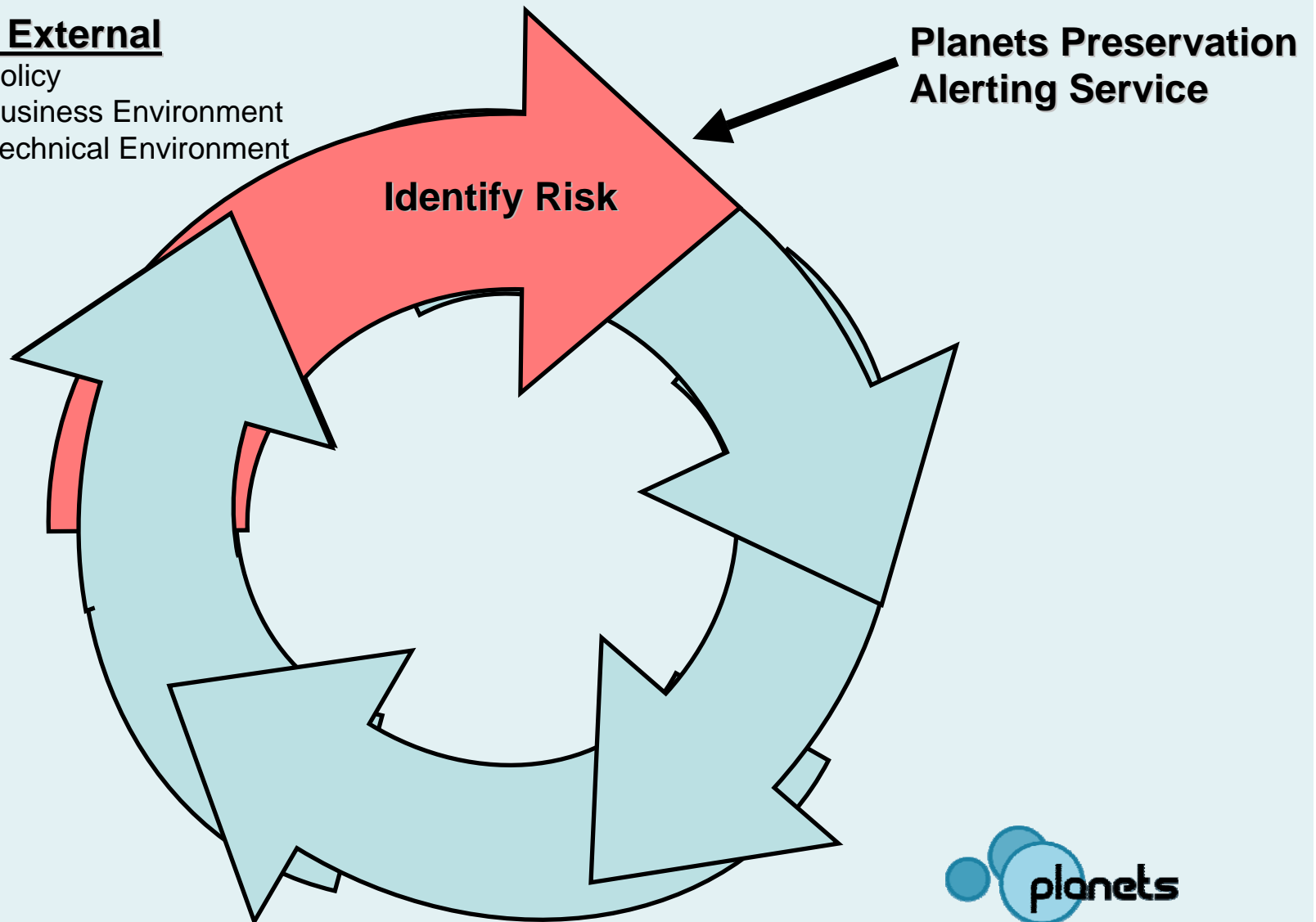
**Planets PLATO Planning Tool
Testbed
Core Registry**



A New Risk Trigger

Internal / External

Change in Policy
Change in Business Environment
Change in Technical Environment



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

