



The Preservation Action Cycle: Introduction to Planets

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# WHY UNDERTAKE DIGITAL PRESERVATION ?

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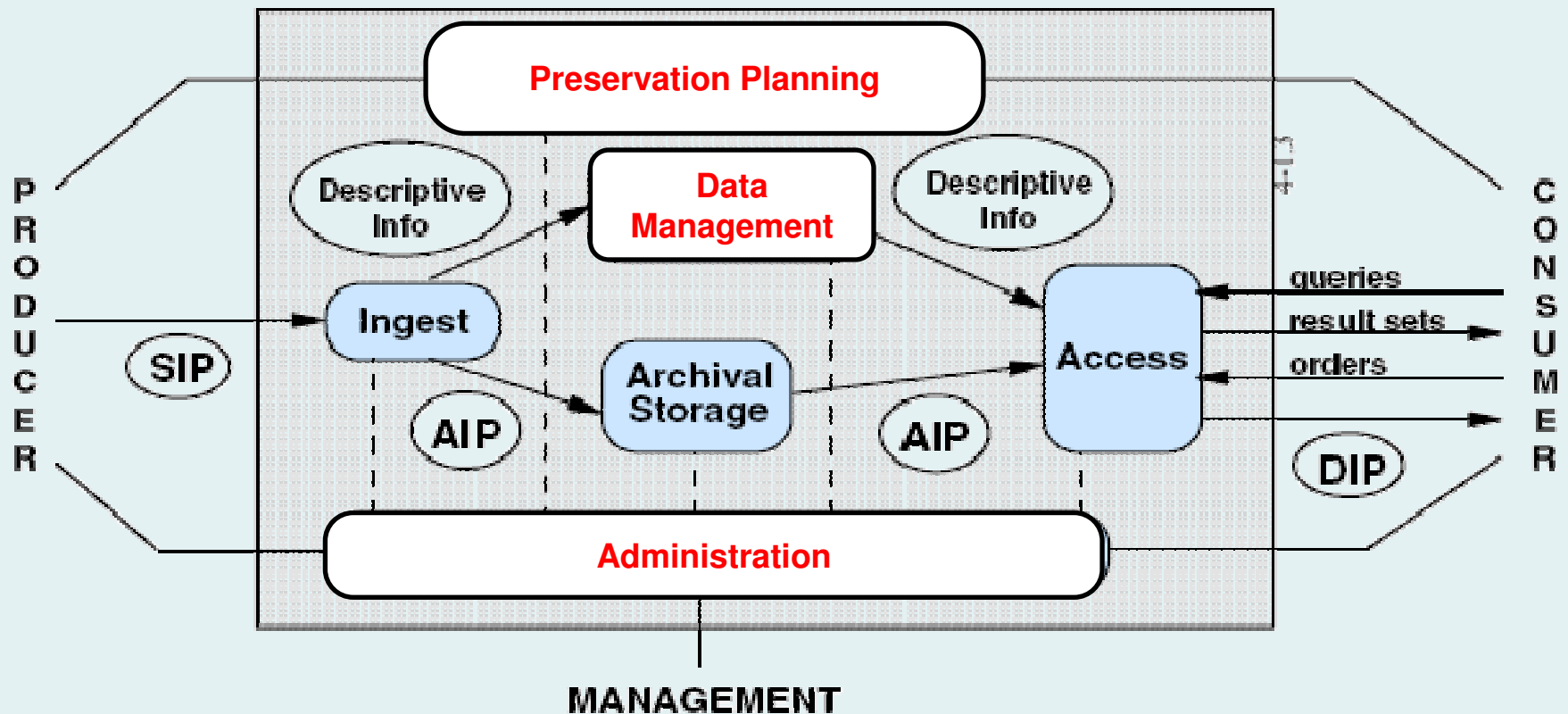
# Planets Preservation Action in the context of Business Risk Management

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- ❑ 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

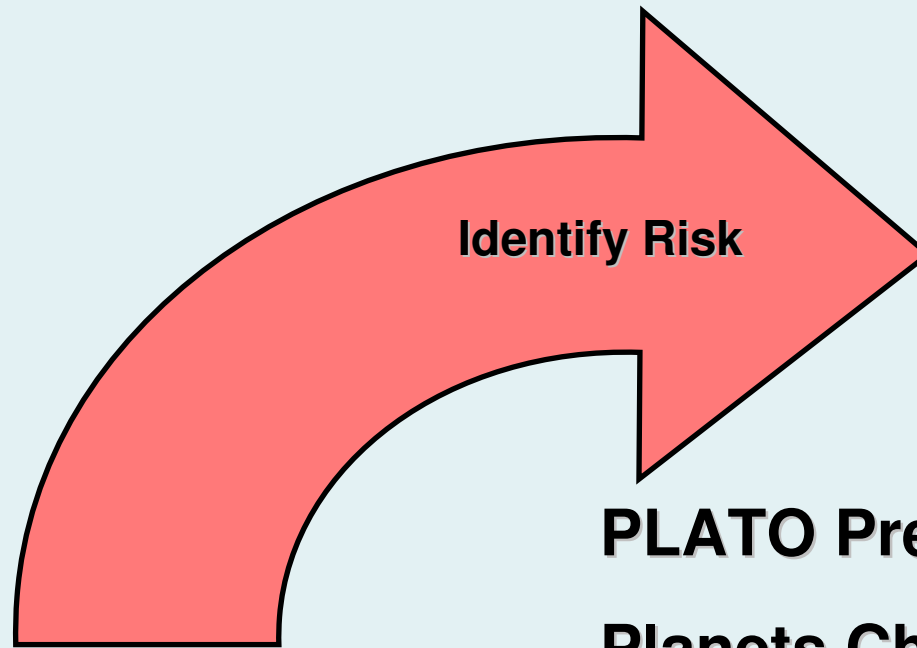
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- ❑ “The organization should base its risk management practices on the following well defined risk management principles, which are derived from experience, best practice and corporate governance principles.”
- ❑ “Risk management should be part of decision making”
- ❑ “Risk management should be tailored”



# Risk Identification

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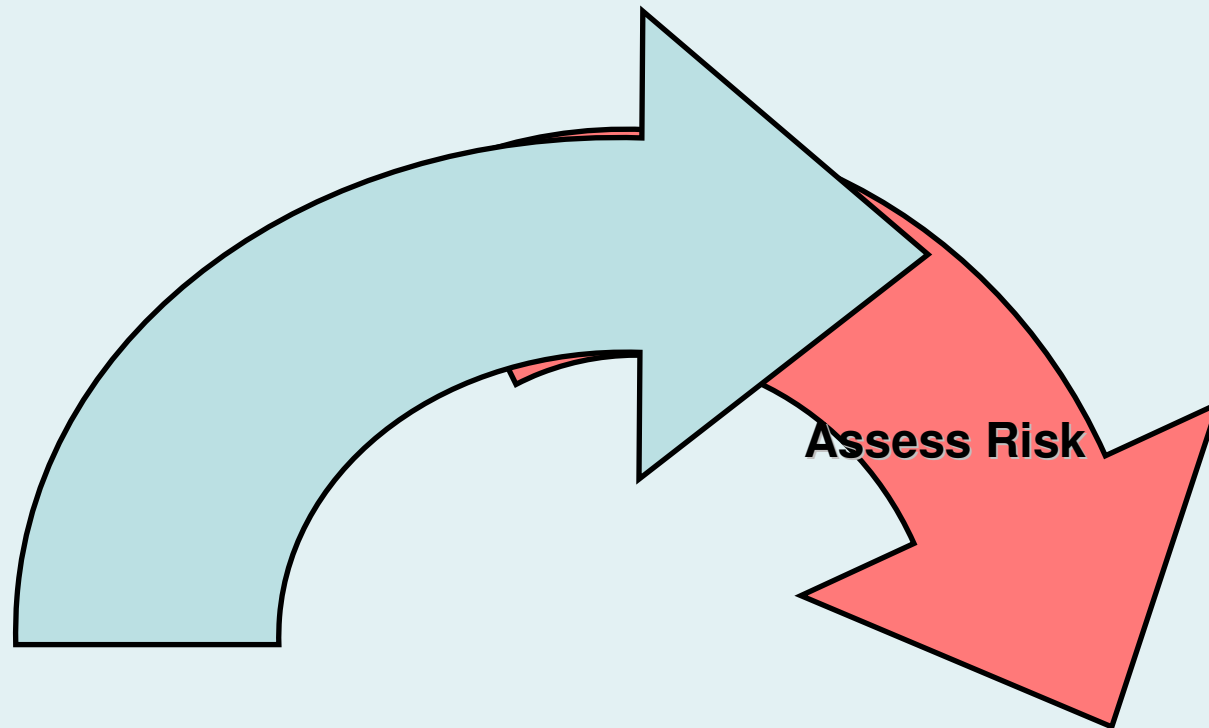


**PLATO Preservation Planning Tool**  
**Planets Characterisation Services**  
**Planets Core Registry**



# Risk Assessment

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**PLATO Preservation Planning Tool**

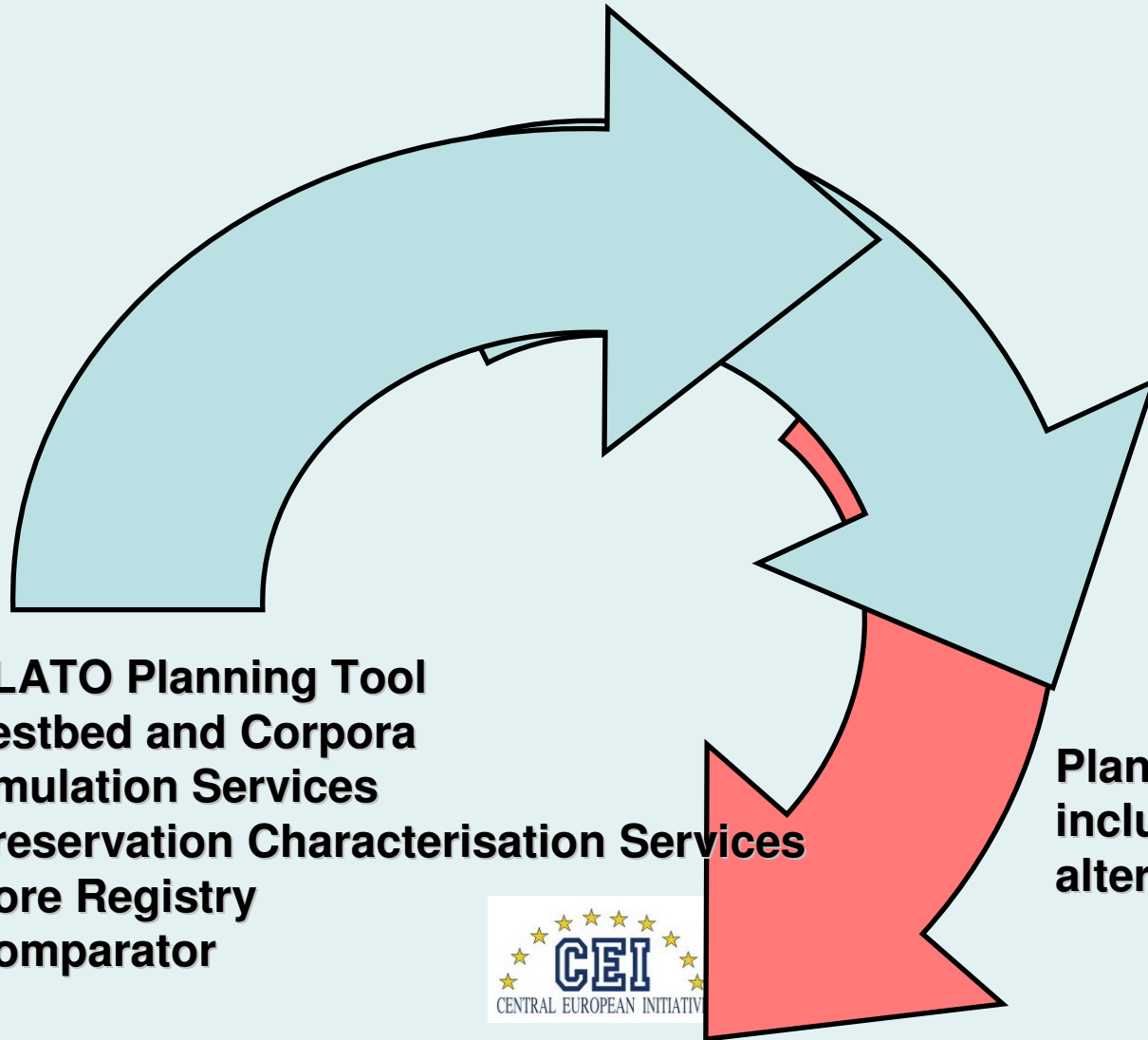
**Planets Characterisation Services**

**Planets Core Registry**



# Risk Planning and Evaluation

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

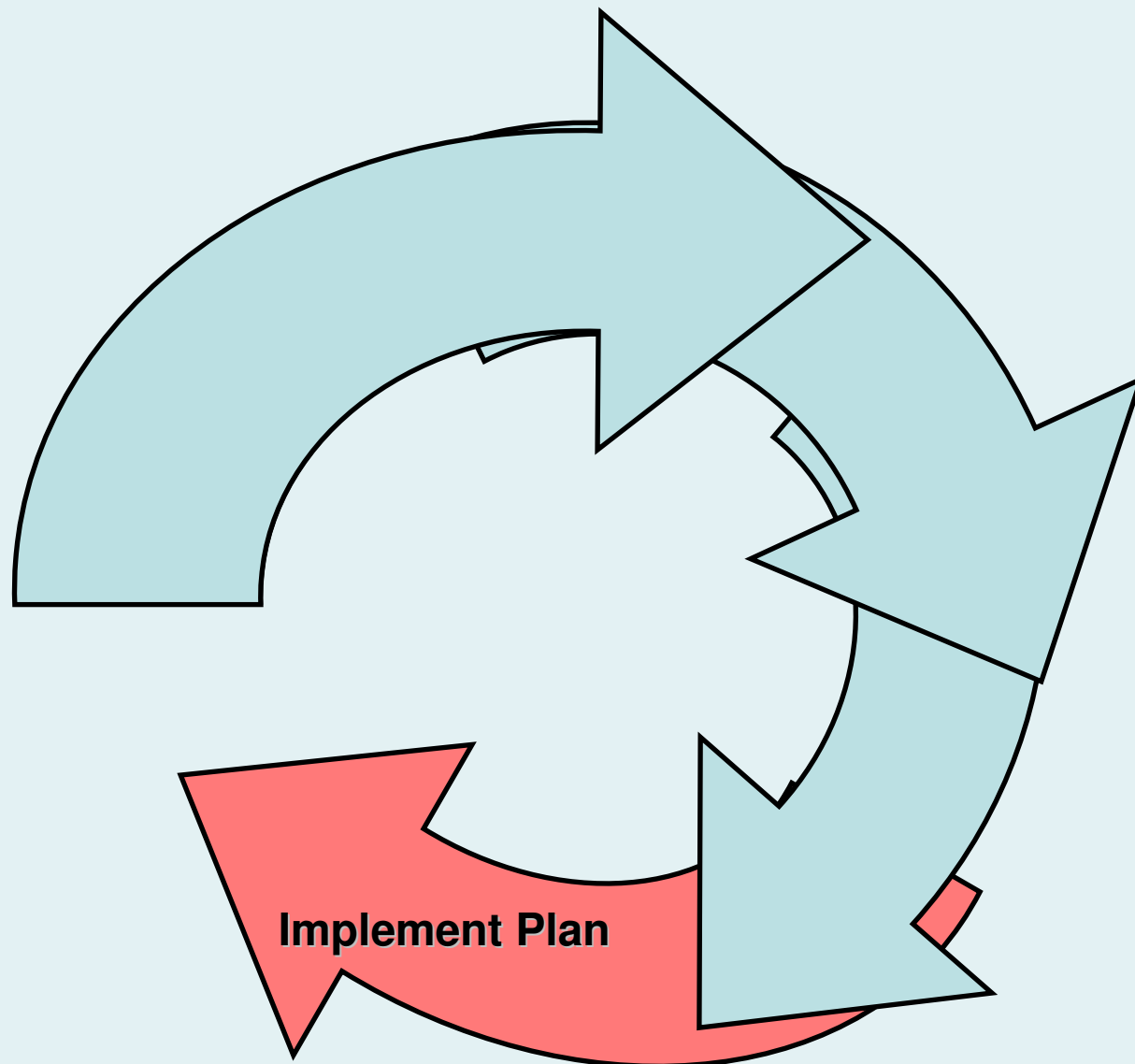
**Plan to Mitigate Risk  
including evaluate  
alternate strategies**





# Risk Plan Implementation

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# Risk Plan Implementation

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



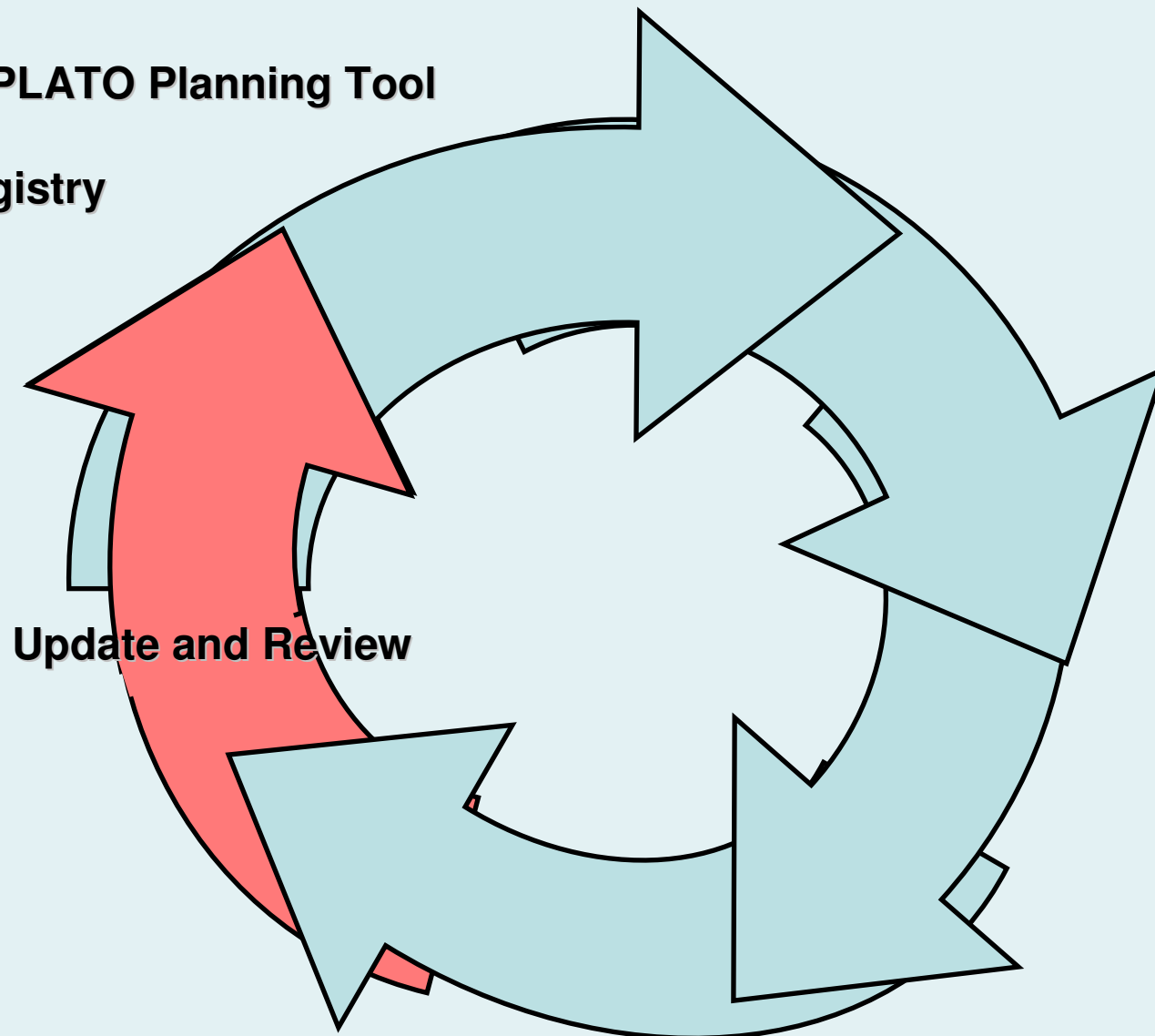
**Implement Plan**



# Risk Plan Update and Review

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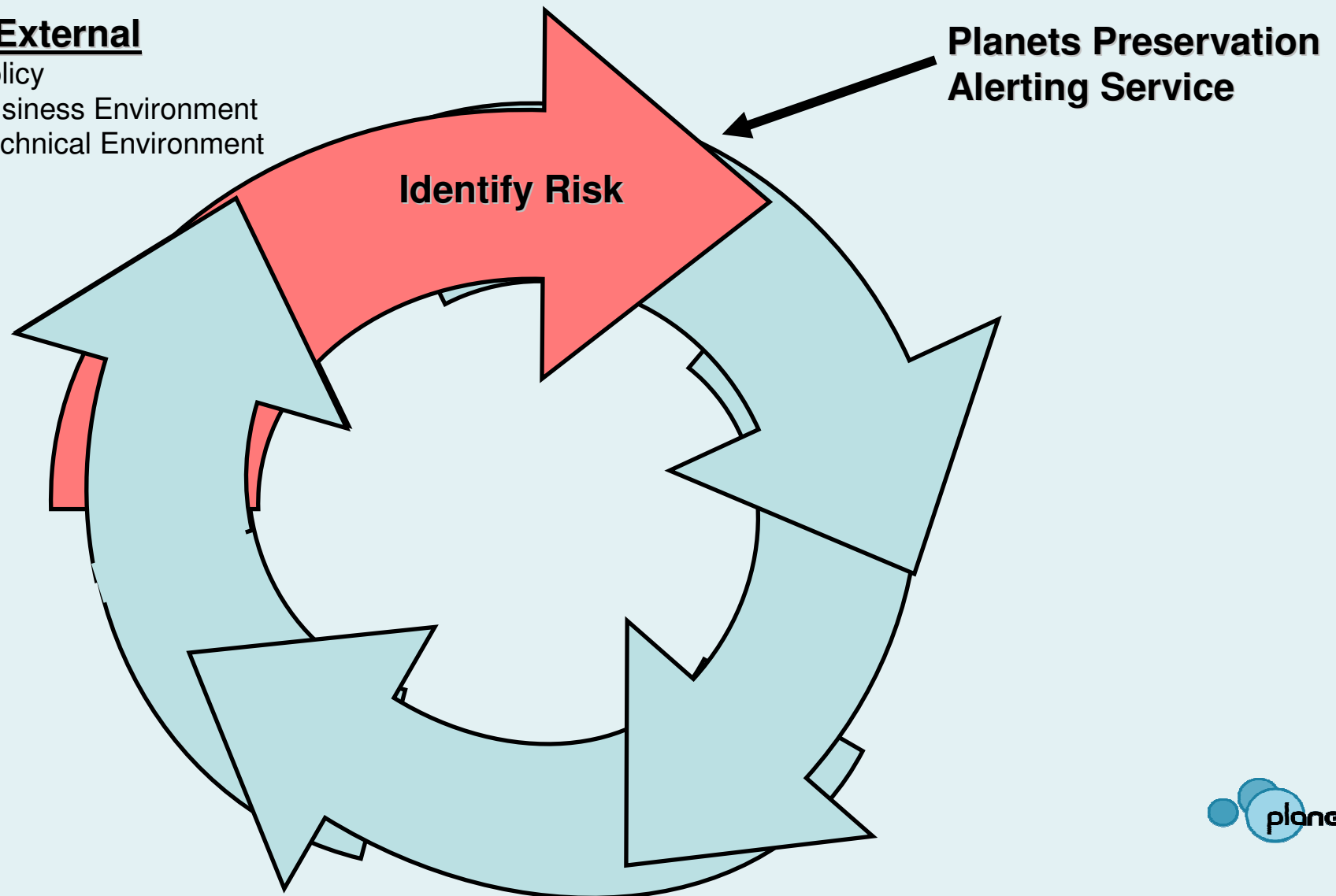
**Planets PLATO Planning Tool  
Testbed  
Core Registry**



# A New Risk Trigger

## Internal / External

Change in Policy  
Change in Business Environment  
Change in Technical Environment



# Planets and Risk Management

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- ❑ 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

