



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**
- ❑ ISO 31000:2009: Risk Management – Principles and Guidelines (published 13.11.2009)
- ❑ BS ISO 14721:2003 Reference Model for an Open Archival Information System (OAIS)



BS31100 Code of practice for risk management

- ❑ “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”

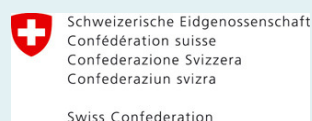


Background to Planets

- ❑ 4-year project supported by EC under FP6
- ❑ 16 partners representing archives, libraries, commercial organisations and universities
- ❑ Total Budget €13.7m
- ❑ €8.9m from EC
- ❑ Programme began 1 June 2006
- ❑ Finishes 31 May 2010



Planets partners I



- ❑ The British Library
- ❑ National Library, Netherlands
- ❑ Austrian National Library
- ❑ State and University Library, Denmark
- ❑ Royal Library, Denmark
- ❑ National Archives, UK
- ❑ Swiss Federal Archives
- ❑ National Archives, Netherlands



Planets partners II



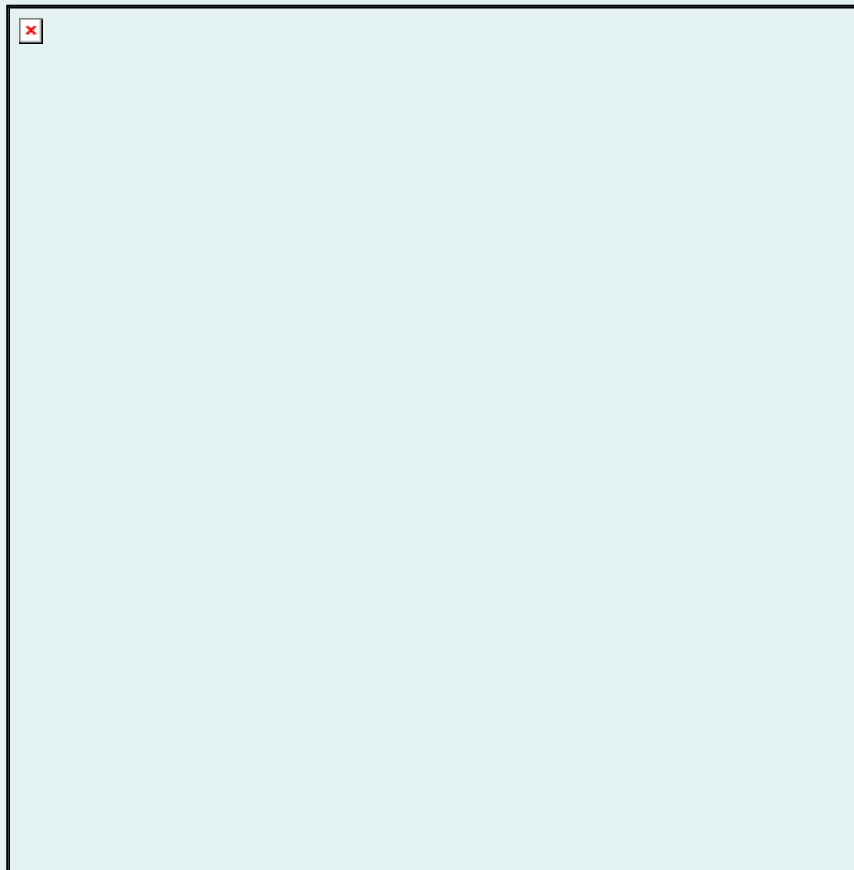
- ❑ Tessella Plc
- ❑ IBM Netherlands
- ❑ Microsoft Research, Cambridge
- ❑ Austrian Institute of Technology



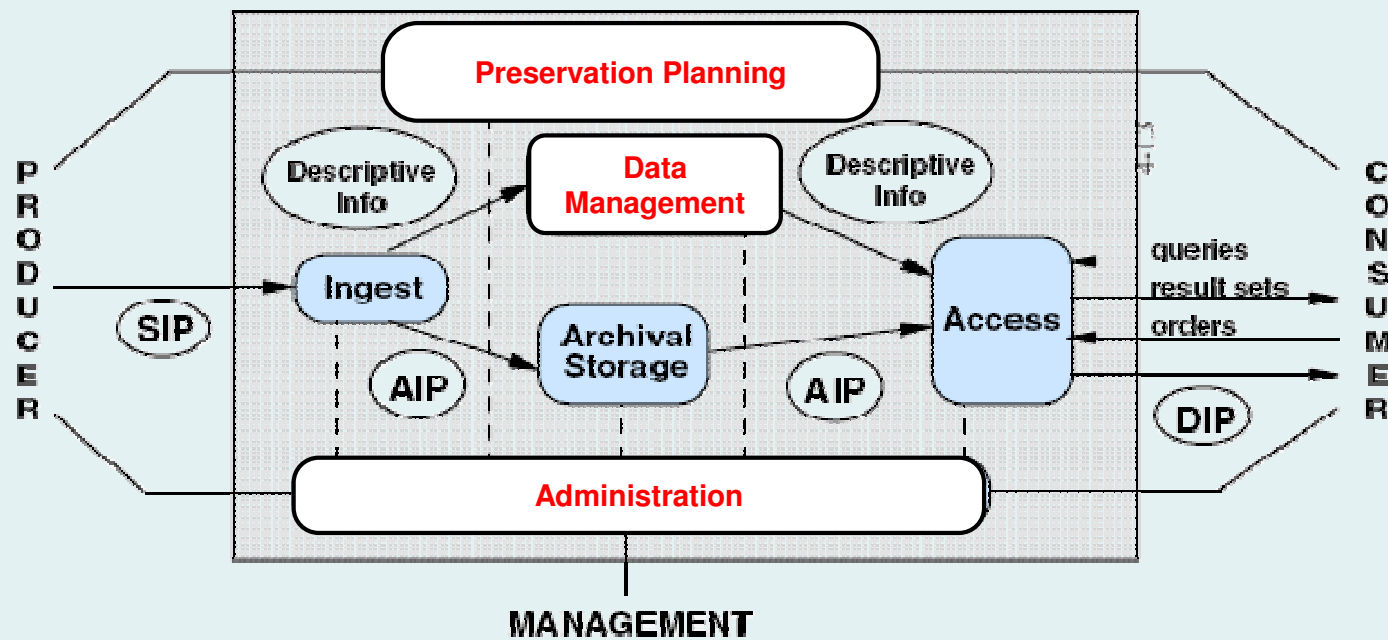
- ❑ Hatii at University of Glasgow
- ❑ University of Freiburg
- ❑ Technical University of Vienna
- ❑ University at Cologne



The Planets Approach

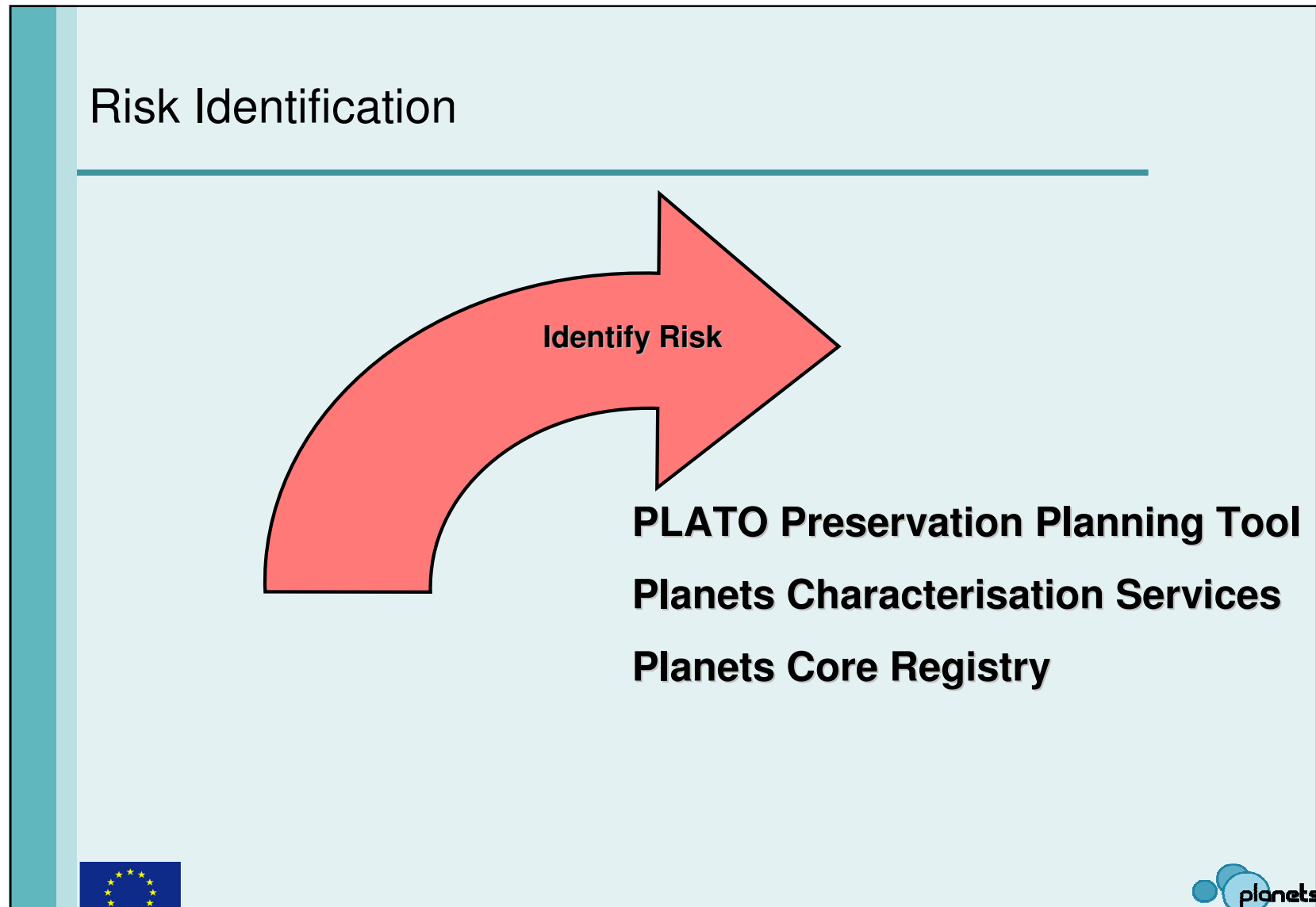


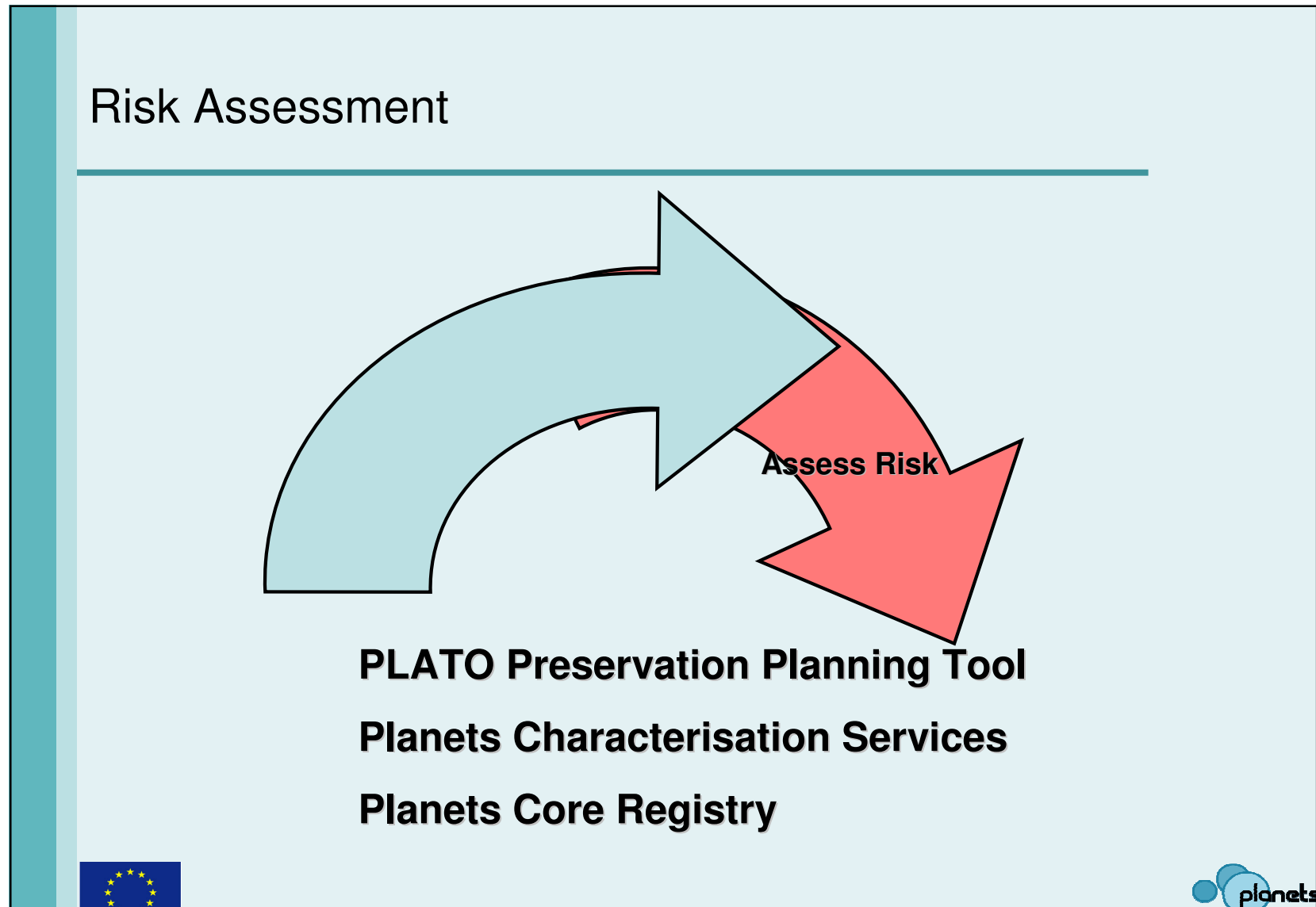
OAIS



“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”







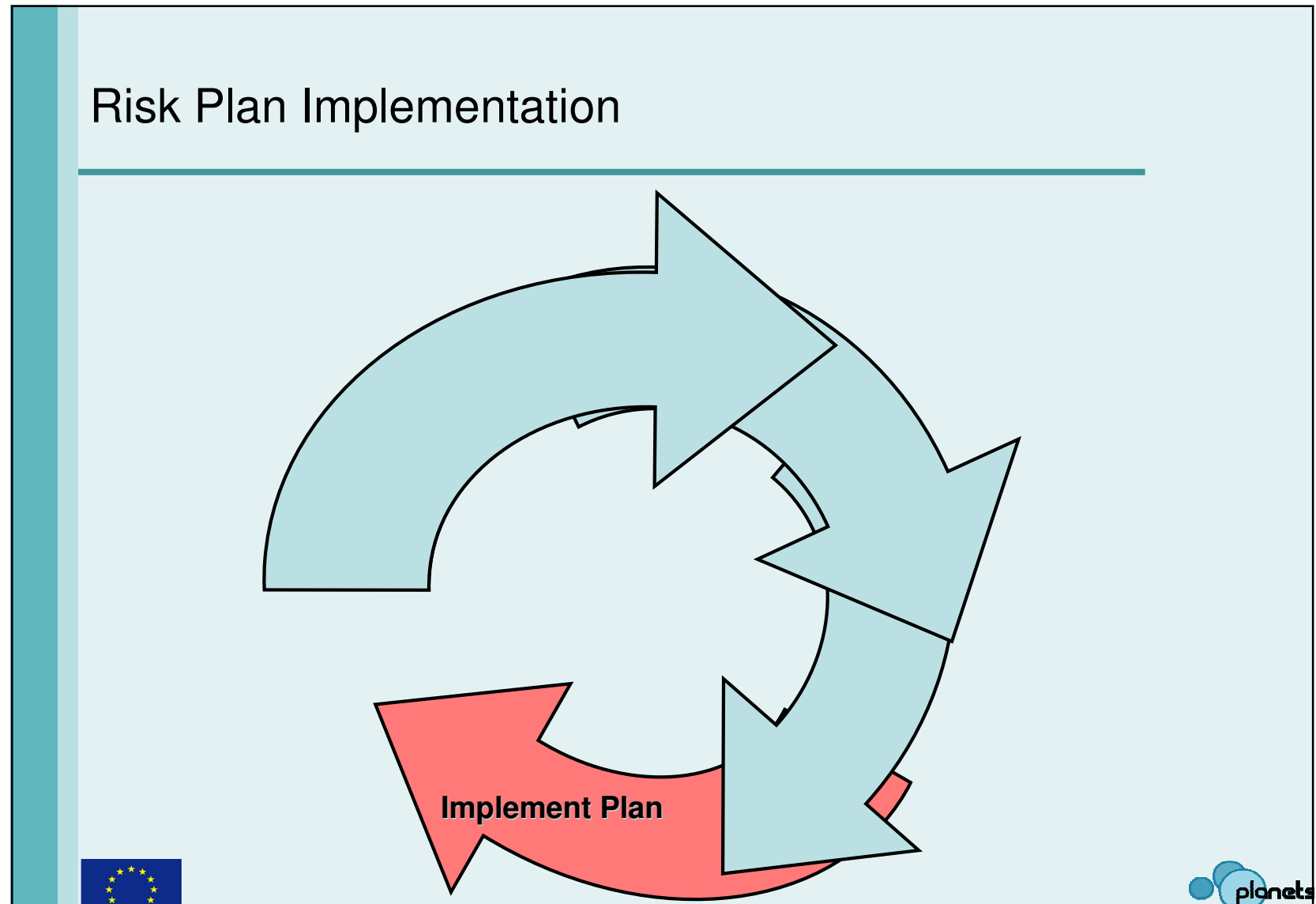
Risk Planning and Evaluation



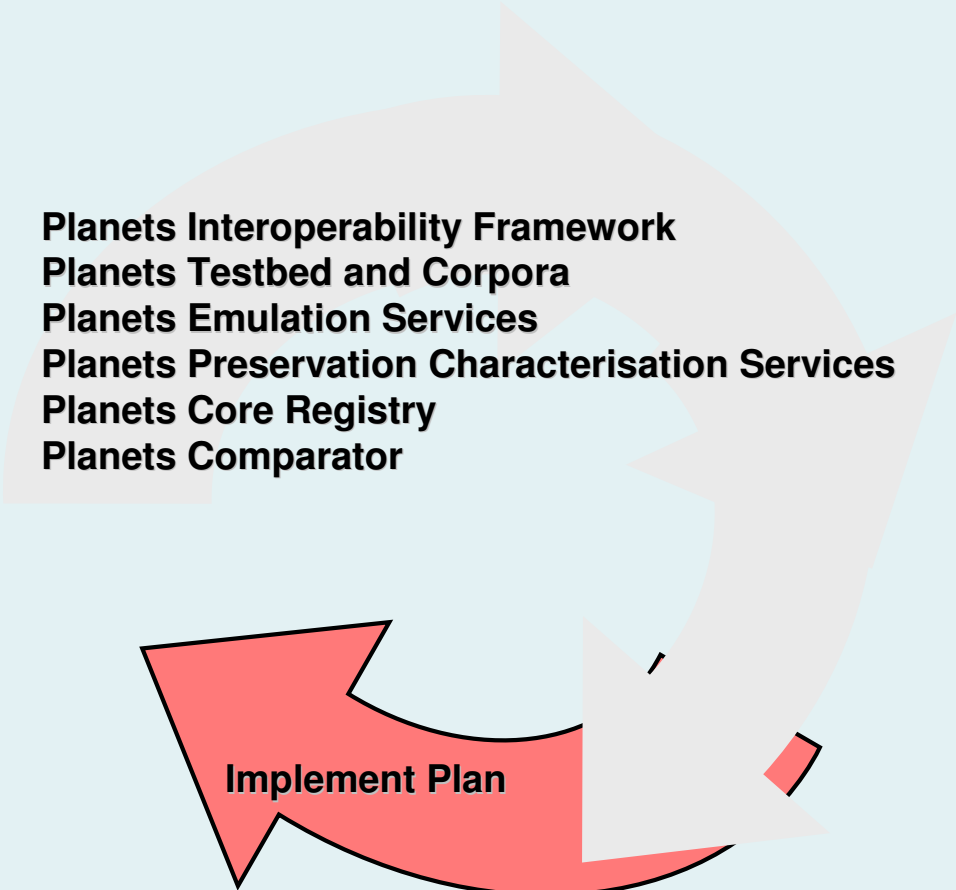
Planets PLATO Planning Tool
Planets Testbed and Corpora
Planets Emulation Services
Planets Preservation Characterisation Services
Planets Core Registry
Planets Comparator

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





Risk Plan Implementation



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

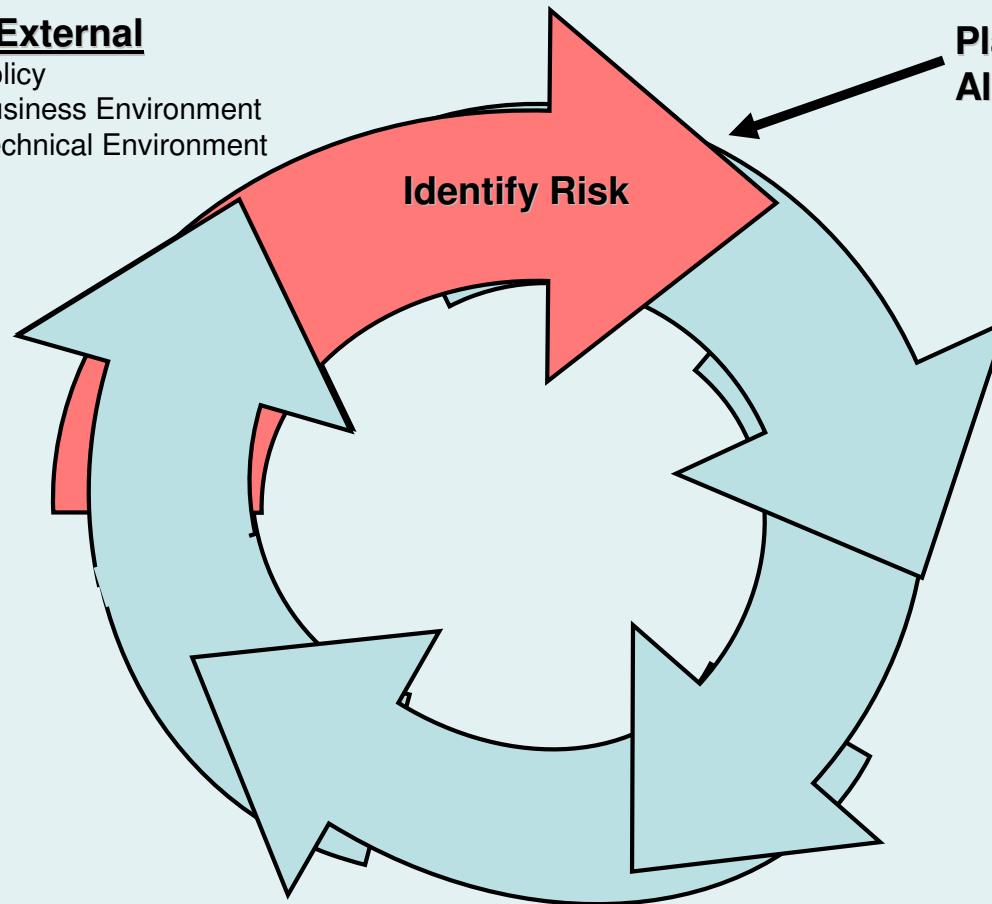


A New Risk Trigger

Internal / External

Change in Policy
Change in Business Environment
Change in Technical Environment

Planets Preservation
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

