



Preservation planning with Planets

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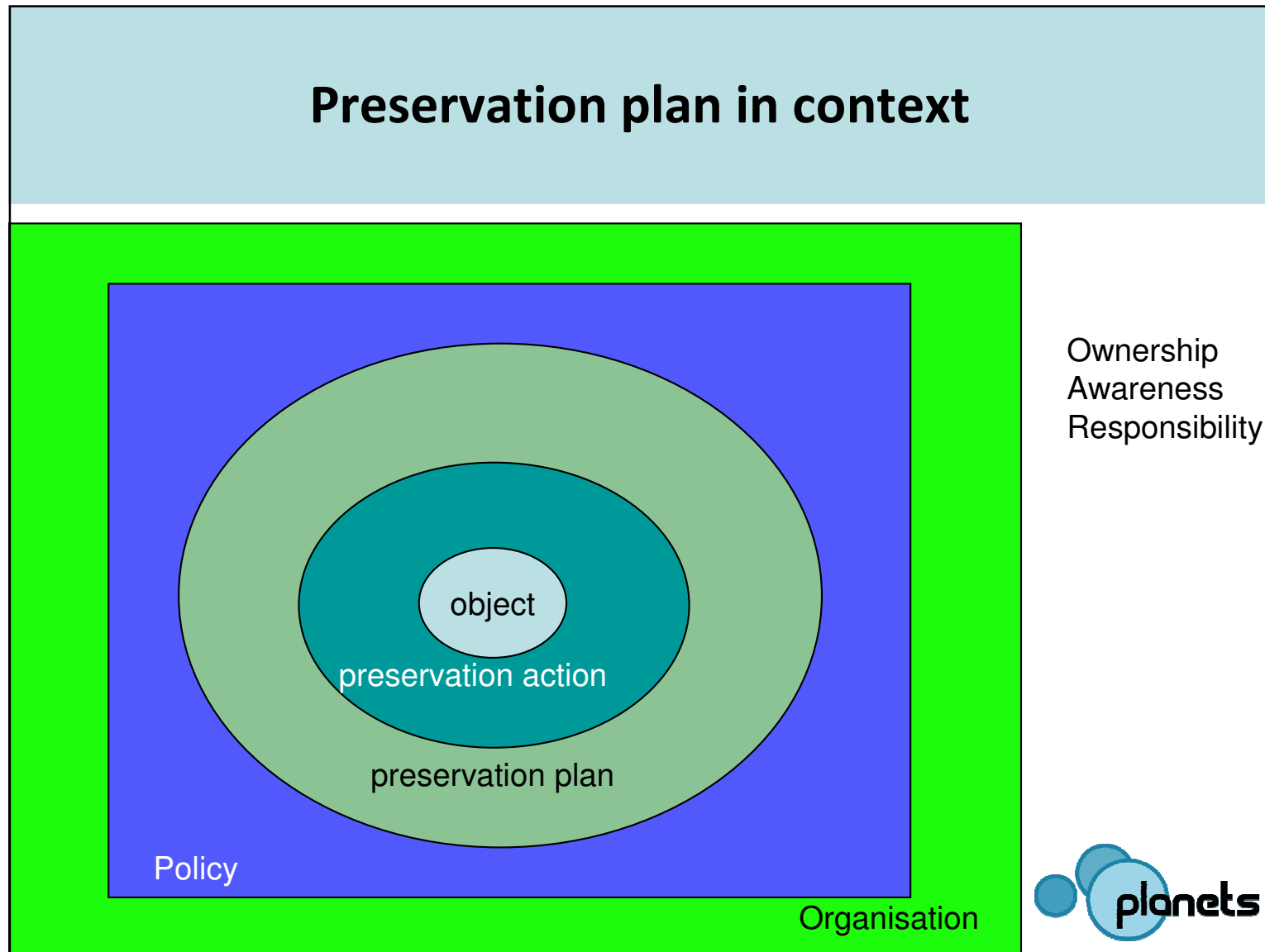
Bern, November 2009



Outline and schedule

- Recap
- Plato walk-through
- Scenario
- Exercise 1: Select sample objects
- Exercise 2: Create an objective tree





Definition of a Preservation Plan

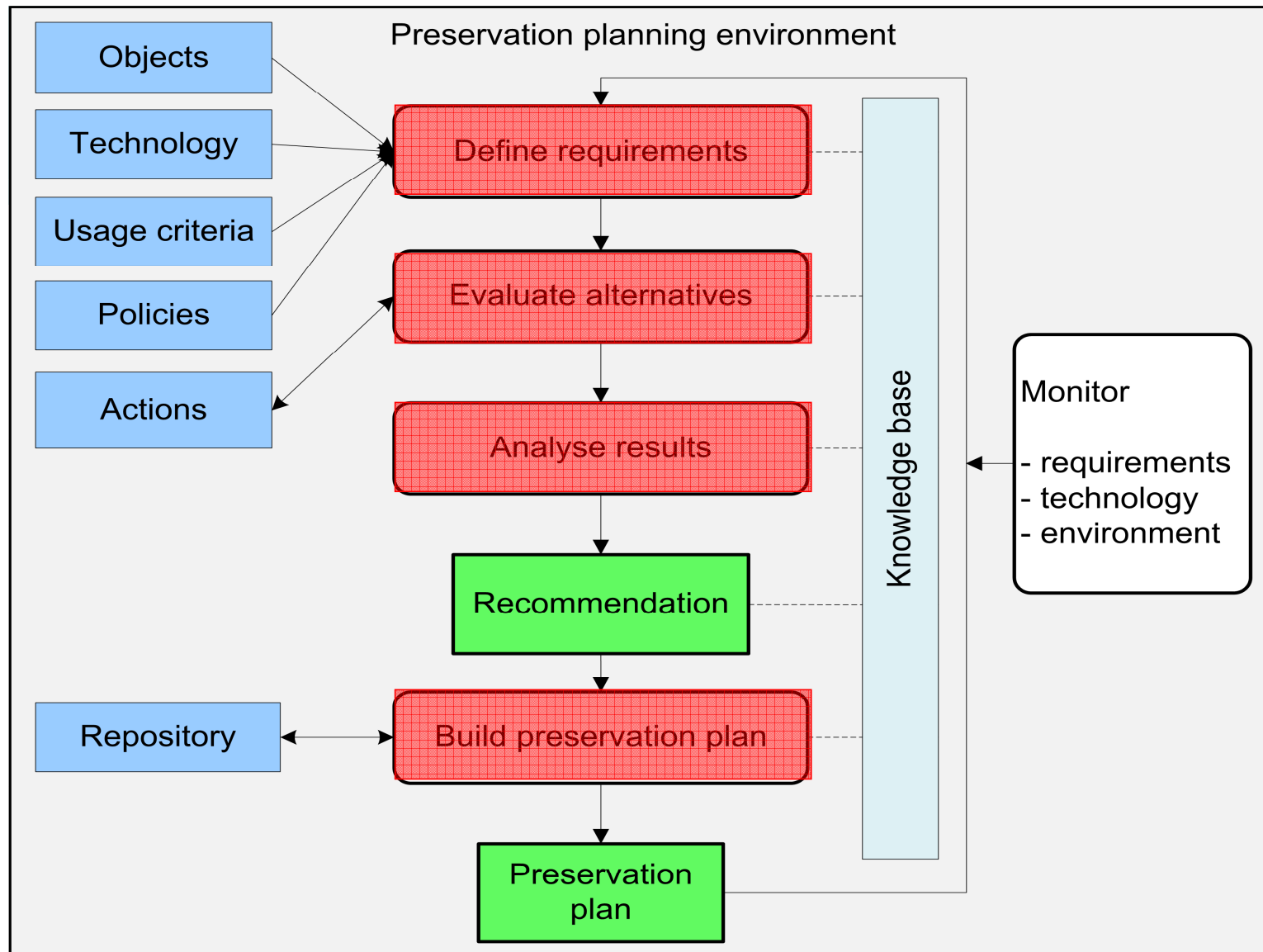
- ‘A **preservation plan** defines a series of preservation actions to be taken by a responsible institution to address an identified risk for a given set of digital objects or records (called collection).’
- The Preservation Plan takes into account the preservation **policies, legal obligations, organisational and technical constraints, user requirements and preservation goals.**
- It also describes the preservation **context**, the **evaluated alternative preservation strategies** and the **resulting decision** for one strategy, including the rationale of the decision

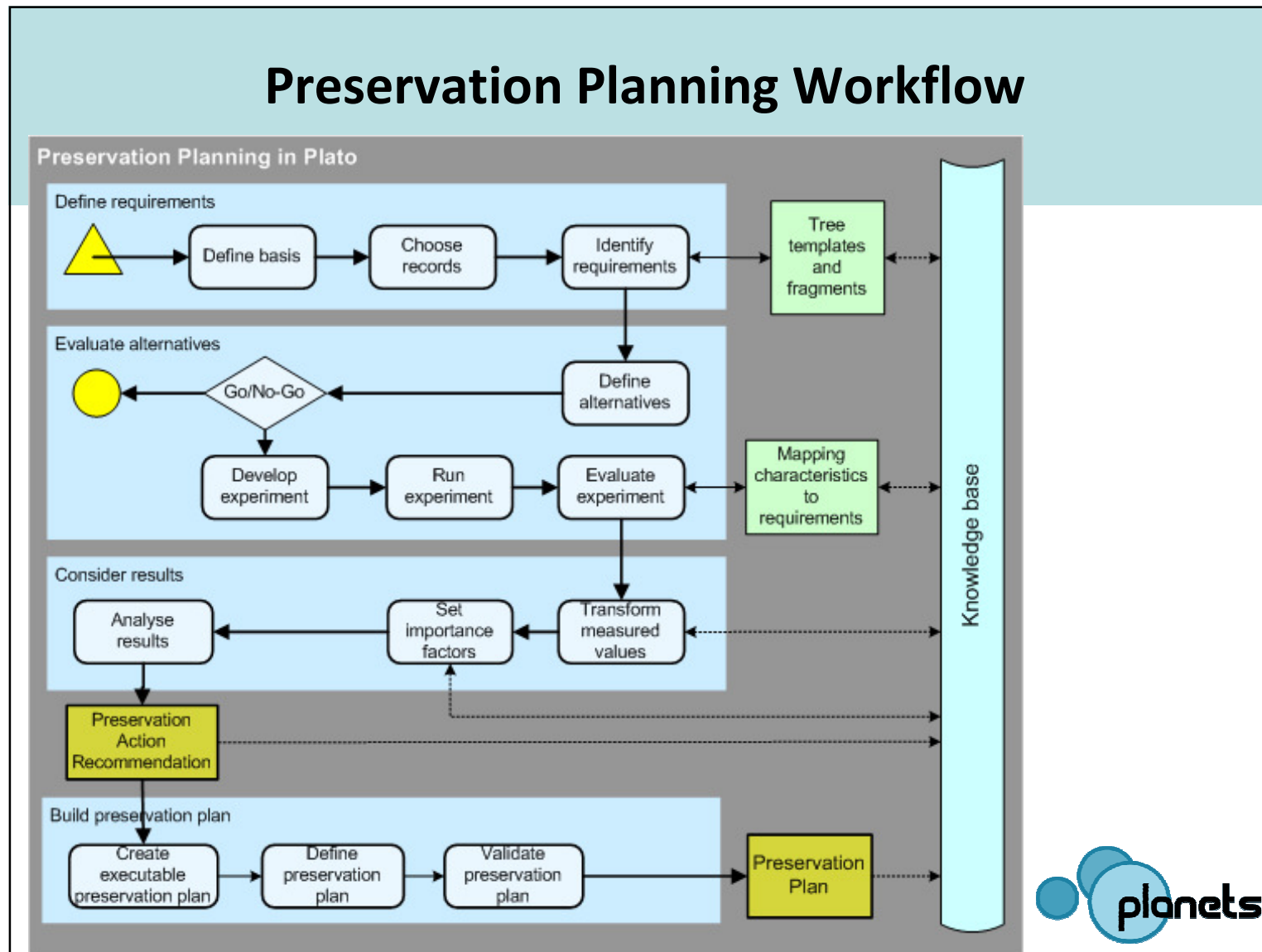


Evaluating preservation strategies

- Variety of solutions and tools exist
- Each strategy has unique strengths and weaknesses
- Requirements vary across settings
- Decision on which solution to adopt is complex
- Documentation and accountability is essential
- Preservation planning assists in decision making
- Evaluating preservation strategies on representative samples according to specific requirements and criteria







Preservation Planning in Plato

- Web based planning tool implementing the Planets preservation planning workflow
- Publicly available
- Automation of the planning process
 - Integration of registries and services for
 - File format identification
 - Preservation action (migration, emulation...)
 - Characterisation and comparison
- Knowledge base to support planning



Plato walk-through



Welcome to *Plato*, the Planets Preservation Planning Tool



[Introduction](#)

[Documentation](#)

[Case Studies](#)

[Events](#)

[History](#)

Introduction

What is Plato?

The fast changes of technologies in today's information landscape have considerably shortened the lifespan of digital objects. Digital preservation has become a pressing challenge. Different strategies such as migration and emulation have been proposed; however, the decision for a specific tool e.g. for format migration or an emulator is very complex. The process of evaluating potential solutions against specific requirements and building a plan for preserving a given set of objects is called preservation planning. So far, it is a mainly manual, sometimes ad-hoc process with little or no tool support. The planning tool **Plato** is a decision support tool that implements a solid preservation planning process and integrates services for content characterisation, preservation action and automatic object comparison in a service-oriented architecture to provide maximum support for preservation planning endeavours.

This software is licensed under the [CC-GNU LGPL](#) version 2.1 or later. The source code can be downloaded from our [project repository](#)

[Click here to enter Plato.](#)



Scenario

- National library
- Scanned yearbooks archive
- GIF images
- The purpose of this plan is to find a strategy on how to preserve this collection for the future, i.e. choose a tool to handle our collection with.
- The tool must be compatible with our existing hardware and software infrastructure, to install it within our server and network environment.
- The files haven't been touched for several years now and no detailed description exists. However, we have to ensure their accessibility for the next years.
- Re-scanning is not an option because of costs and some pages from the original newspapers do not exist anymore.



Exercises

- Exercise 1: Basic questions, Collection
 - Describe your collection, your objects
 - Describe the designated community, organisation...
 - Document that shortly to have a common basis
 - Select representative sample objects from the collection on the USB stick
- Exercise 2: Requirements definition
 - Define the assigned branch of the tree
 - Assign measurable units
 - Set high-level importance factors



Groups

| Group A: Auditorium | | Group B: H021 | | Group C: SBF 1.08 | |
|---------------------|-------------|----------------|-------------|-------------------|---------------|
| Corthay | Philippe | Gfeller | Johannes | Fernandes | Filipe Manuel |
| Falcao | Patricia | Gustapane | Rafaella | Gravier | Gilles |
| Frey | Jeannette | Habermann -Box | Sigrun | Kaiser | Martin |
| Gutknecht | Christian | Schindler | Juergen | Lurk | Tabea |
| Hilton | Christopher | Prom | Christopher | Mettan | Raphael |
| Kobus | Mac | Verachten | Lucie | Münden | Frieder |
| Lindlar | Michelle | Sonijmeri | Gentiana | Tate | Dominic |
| Lloret Alcaiz | Maria Jose | Musaj | Endrit | Wolf | Stefan |
| Loehle | Barbara | Cuci | Suela | Ryf | Sandra |
| Van de Vyver | Ariana | Topi | Ardiana | Burgi | Pierre-Yves |
| Vychodil | Bedrich | Faraud | Sarah | | |
| Weber | Nicholas | Kleindienst | Thekla | | |
| Yarwood | Amanda | Hoppe | Michael | | |
| Keegan | Stephen | | | | |
| Thomas | Hartwig | | | | |

Questions?

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www.ifs.tuwien.ac.at/dp/plato

www.planets-project.eu



