Preservation planning with Planets

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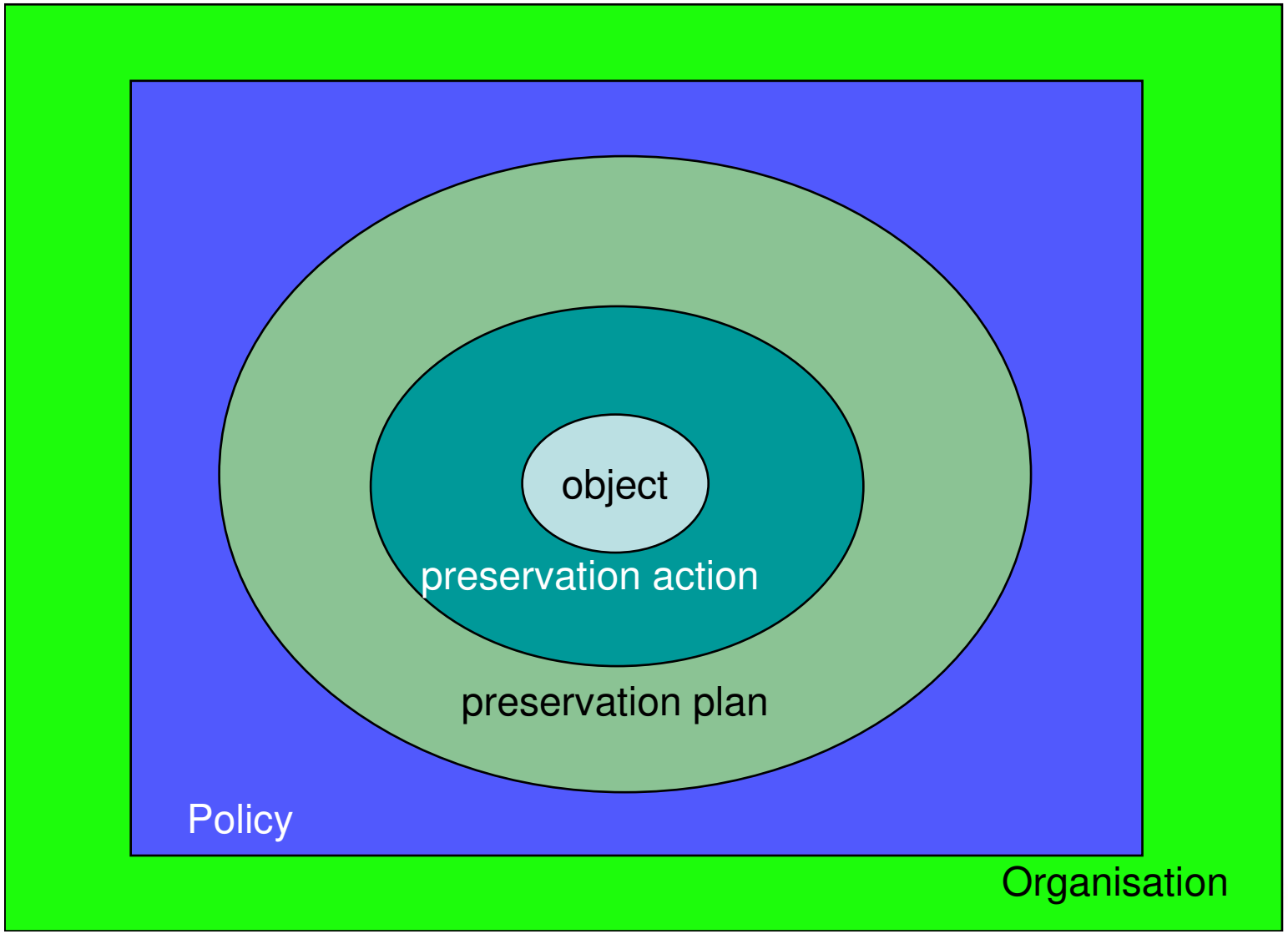
Outline and schedule

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


Preservation plan in context



Ownership
Awareness
Responsibility

planets

Definition of a Preservation Plan

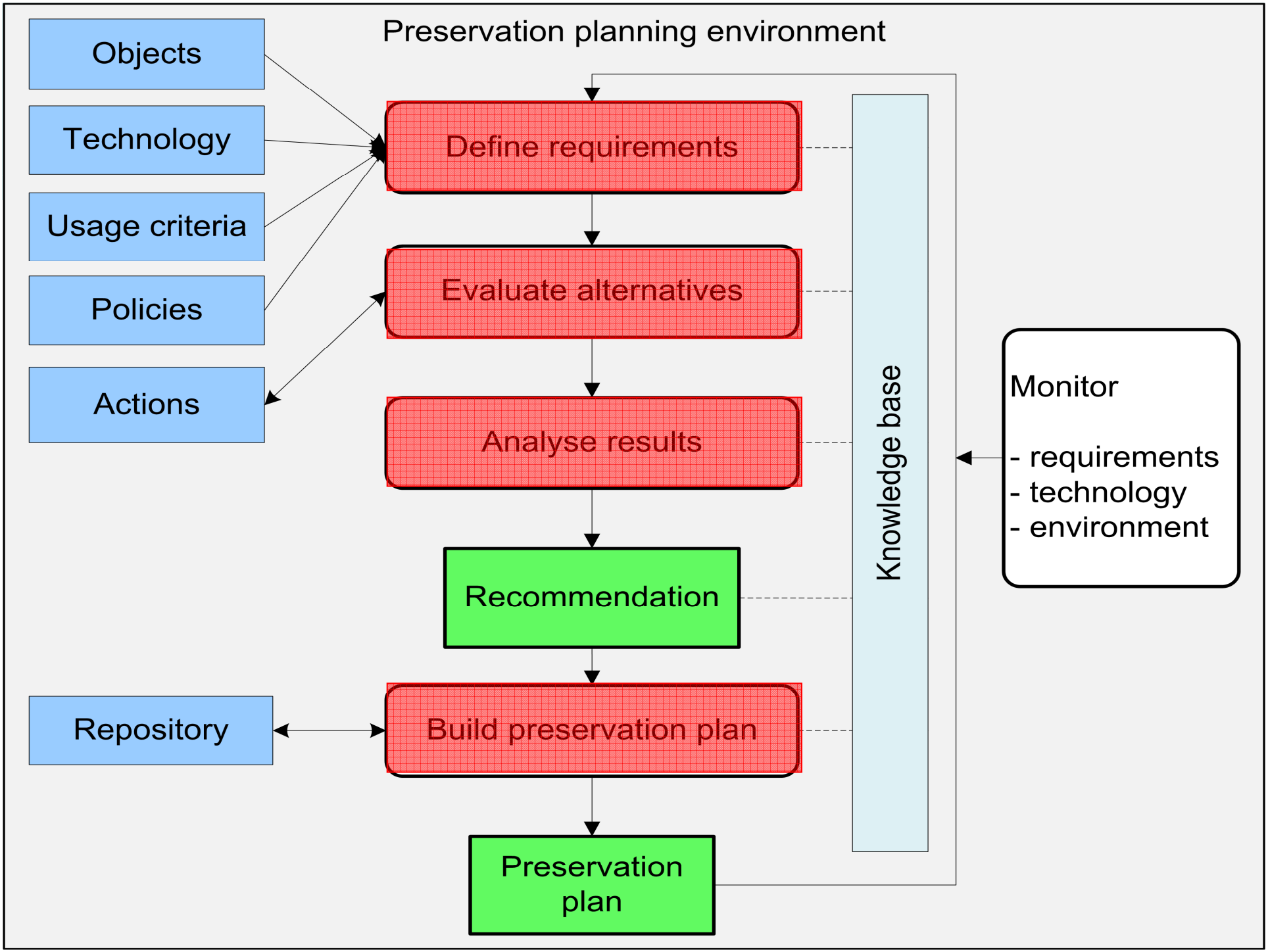
- ‘A ***preservation plan*** defines a series of preservation actions to be taken by a responsible institution to address an identified risk for a given set of digital objects or records (called collection).‘

- 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

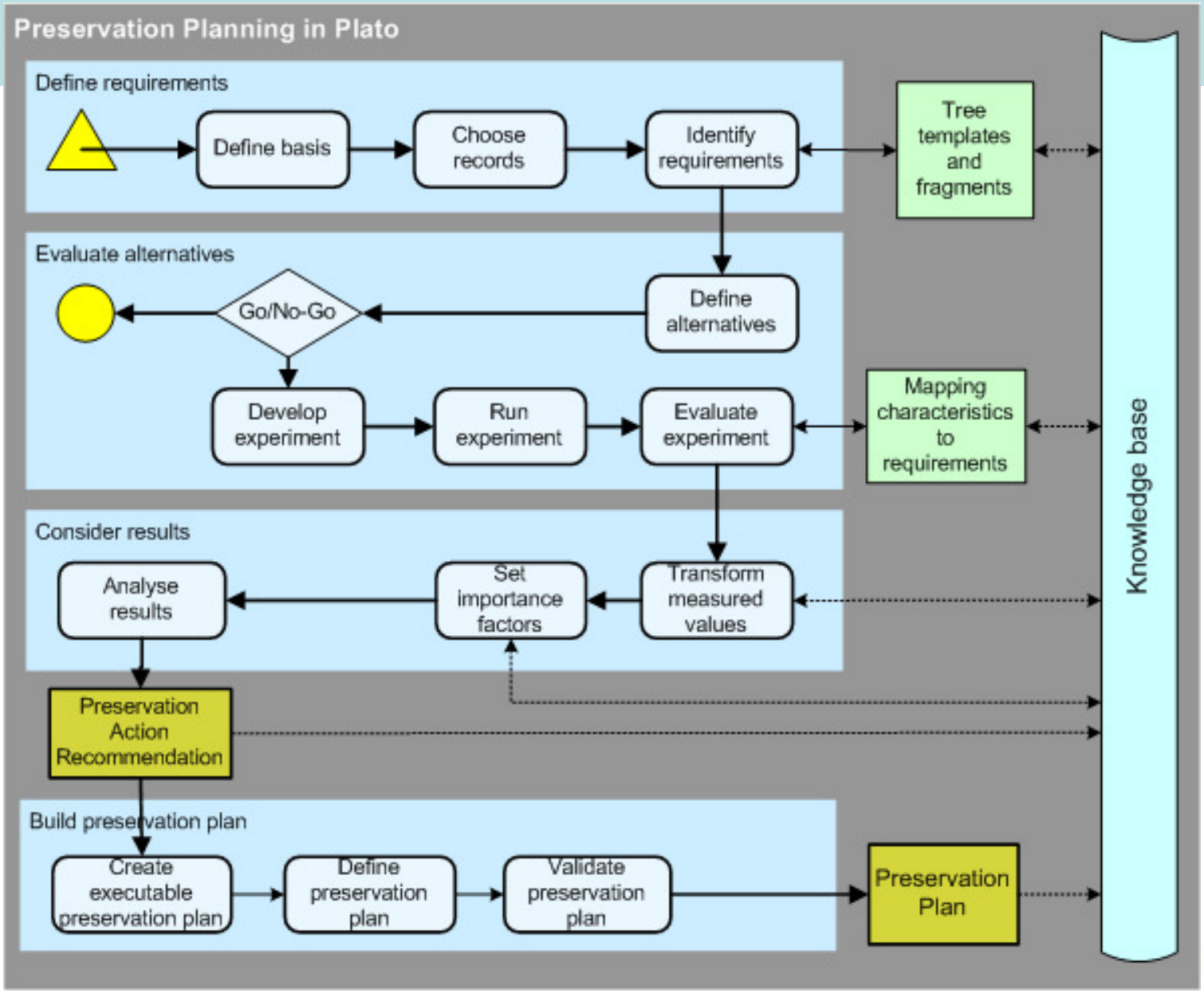

Evaluating preservation strategies

- 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 environment
Objects
Technology
Usage criteria
Policies
Actions
Define requirements
Evaluate alternatives
Analyse results
Recommendation
Build preservation plan
Preservation plan
Repository
Knowledge base
Monitor
- requirements
- technology
- environment

Preservation Planning Workflow



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

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	1	2	3	4
Focus	**Object+Process characteristics**	**Object+Process characteristics**	**Technical+Costs**	**Technical+Costs**
Room	**Arena Hall**	**Serdica Hall**	**Sofia Hall**	**Forum Hall**
	Maurice van den Dobbelsteen	Clive Billenness	Amir Bernstein	Sara van Bussel
	Nataliya Angelova Zoran Bjin Luga Behije Dina Crnec Bruno Dobric Gabrijela Gavran Maurizio Gentilini	Kim Sommerville Niels Hoppe Frank Houtman Mile Jovanov Vanja Jovišic Rudolf Müller Tarvo Kärberg Bojan Marinkovic	Marija Milhova Brian Hole Temenuga Kalcheva Nicolaie Constantinescu Eleni Novakovska Krunoslav Rendulic Johann-Baptist Schrall Tanya Stoyanova	Serap Kurbanoglu Joyce Rambo Stefan Stefanov Dumitru Tkacenko Yasar Tonta Alen Vodopijevec Kaloyan Zdravkov


Schedule

10:30-10:45 Coffee break

10:45-11:15 Define objective tree

11:30-11:45 Presentation and discussion

11:45 Walk-through in Plato

12:00 Lunch break

Questions?

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www.ifs.tuwien.ac.at/dp/plato
www.planets-project.eu