



NEED FINDING WORKSHOP

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Stockholm



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Preservation
Organizations using
Tools in
AGent
Environments



The Consortium

- **National Archives of Sweden**
- **National Archives of Estonia**

- **Luleå University of Technology** (Sweden)
- **Fraunhofer** (Germany)
- **University of Bradford** (U. K.)

- **EASY Innova S.L.** (Spain)
- **Giunti Labs S.r.l.** (Italy)





The Project

- **Protage is a 3 year STREP**
 - **Started in November 2007**
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- **Investigate and initiate complementary new approaches to digital preservation.**
 - **It is looking at application of software agent technology to digital preservation issues.**





The objectives

- **Research about the potential of software agents**
- **PROTAGE prototype;**
- **Implementation in various organisational environments;**
- **Integration of PROTAGE solutions with other digital preservation environments;**
- **Synergies with other RTD activities**





How?

- **Focus on the three use scenarios:**
 - **Submission to a repository**
 - Monitoring preservation and transfer
 - **Transfer of data**
- **The first iteration of agent tools will be developed in partnership with the national archives that are involved in the project**
- **The next iterations will involve other users like record-creating agencies, libraries, museums publishers, but also private individuals**





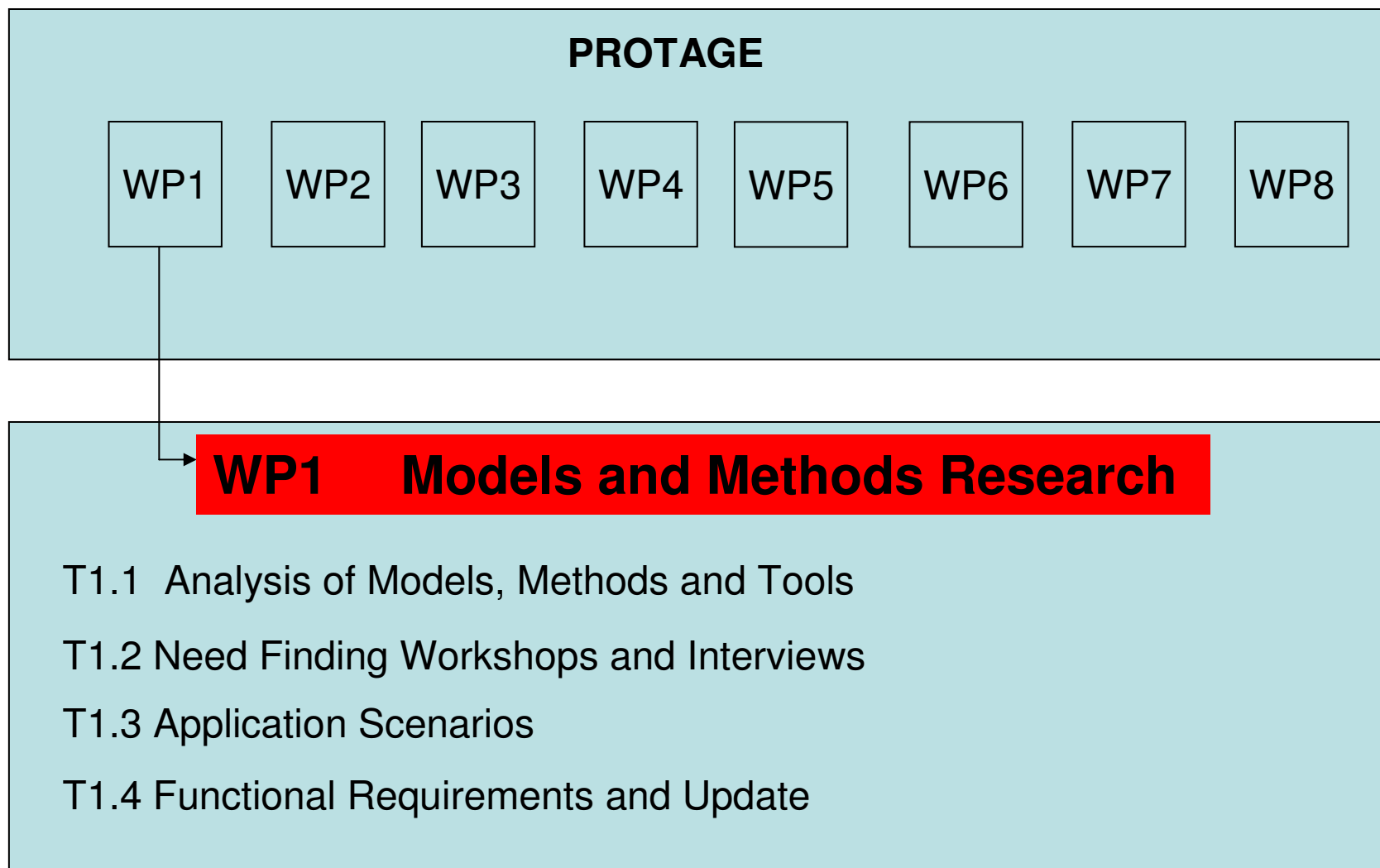
The results

- **Allow content producers to create and publish in a preservation-compatible manner,**
- **Provide digital repositories with means of further automating the preservation processes,**
- **Facilitate seamless interoperation between content providers, libraries and archives, and end-users throughout Europe.**





CONTEXT





Thank you for your attention!

Visit us at :
www.protage.eu





Examples of Tools with agent functionality

- **Analysis of digital object properties**
- **Creation of transfer packages (SIPs), preparation for transfer**
- **Transfer to a preservation repository**
- **Ingest into preservation repository, checking of transfer**
- **Ingest in preservation repository, creating **AIP****





An Example: Analysis of digital object properties

