

User Management Requirements for the European Virtual User Office (EVUO)



Menu

EVUO description & motivations

EVUO User Management Requirements



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→ EVUO description & motivations

EVUO User Management Requirements



Objective

To study the
information
proposal to

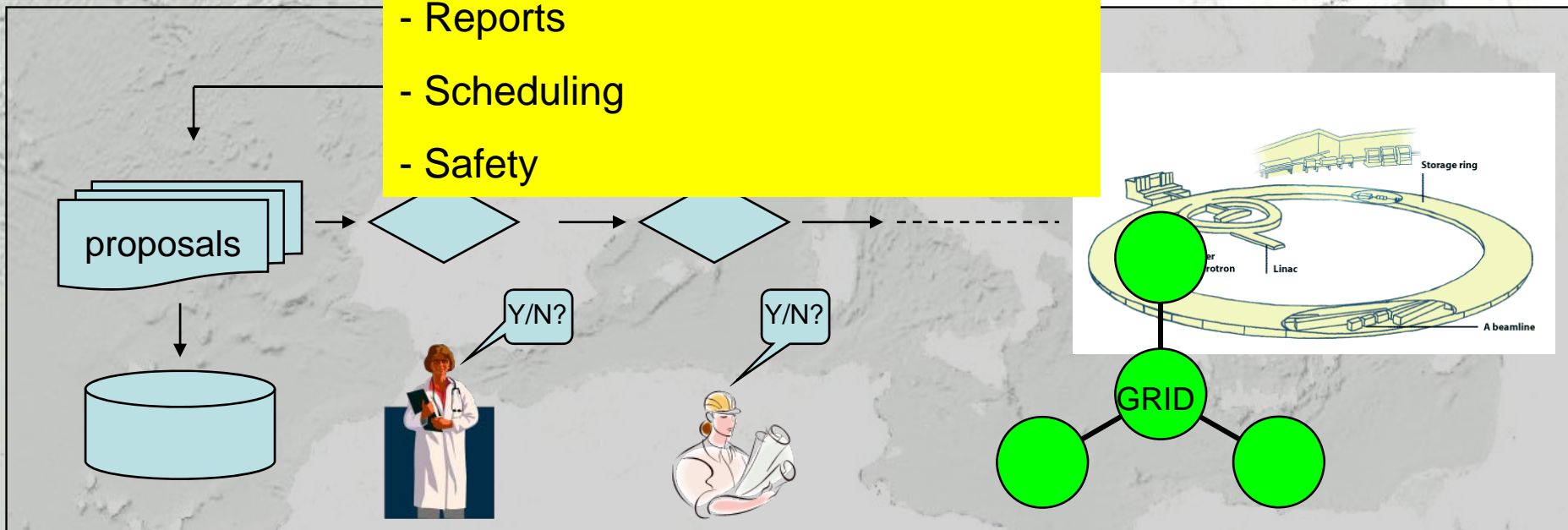
We have to

Data key words:

- Users
- Laboratories
- Addresses
- Proposals
- Samples
- Reports
- Scheduling
- Safety

flexible
in the scientific

of 2009!!



Feasibility Study for a European Virtual User Office

11 Institutes
concerned

Laboratory name	Application name
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	ANKA	SMIS
	BESSY	BOAT
	CELLS	
	DESY	DOOR
	DIAMOND	DUO-DESK
	ELLETRA	VUO
	ESRF	SMIS
	ILL	Visitors' Club
	MAXLAB	
	PSI	DUO
	SOLEIL	SUNSET



9 already have a piece of software!!

Motivations

For laboratories

For Users

Are the needs drastically different in similar institutes?



Summer 2008 tour

October workshop

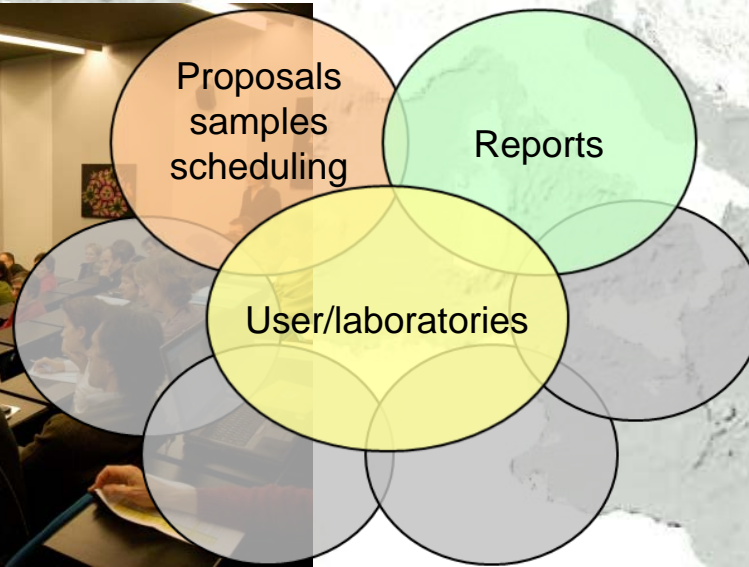
- Simplify users' life (WP7 workshop):
- Avoid multiple data entries
- Provide an homogeneous user interface
- Give an automatic way to record information
- etc...

Outcome of the workshop

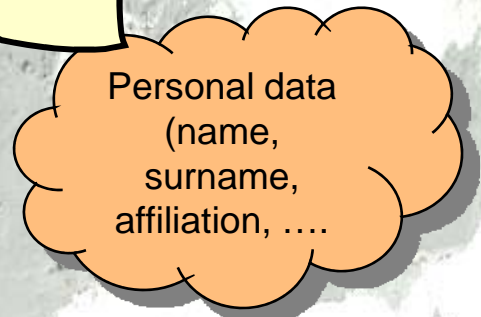
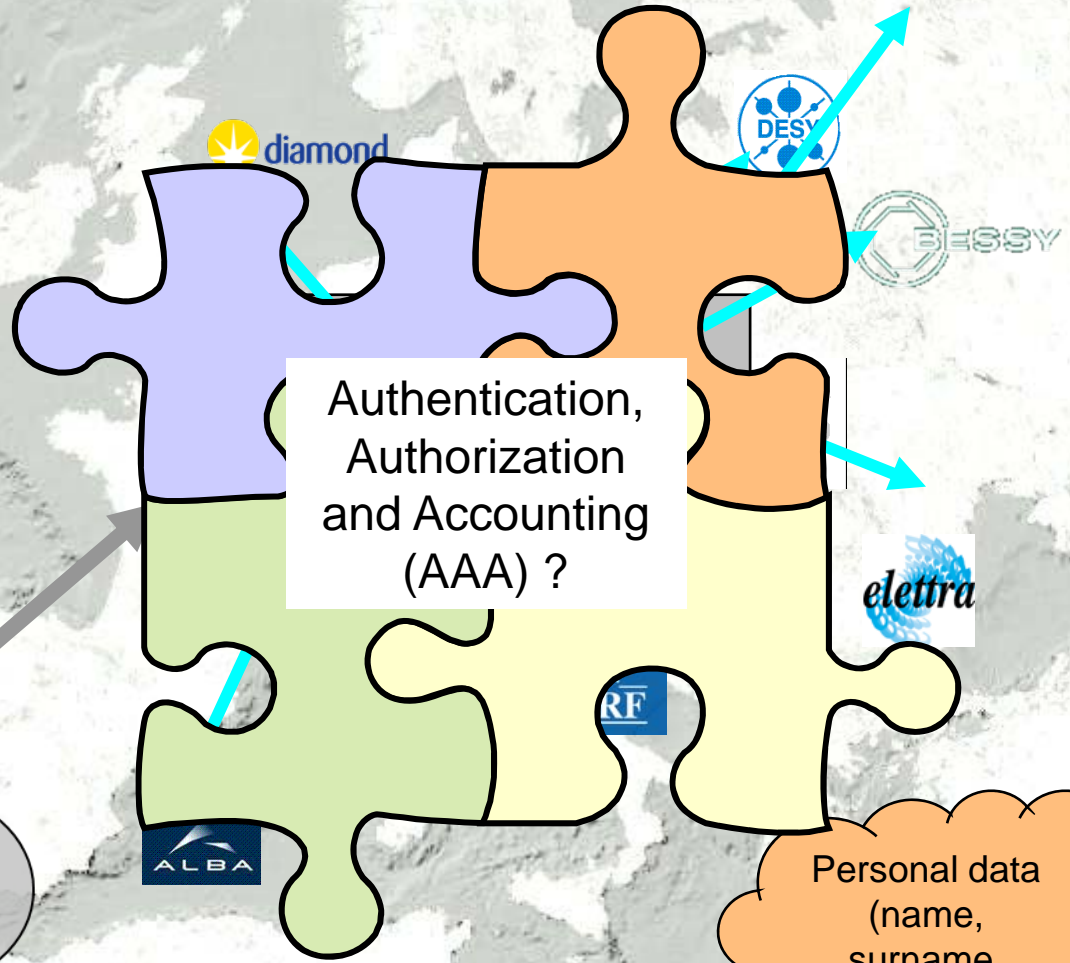
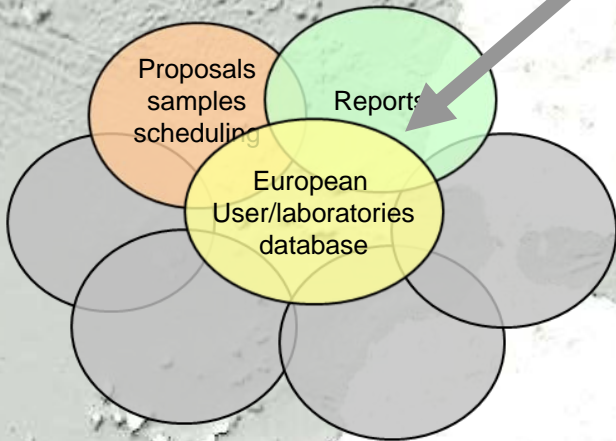


-Several working groups could be set up so as to specify and to implement:

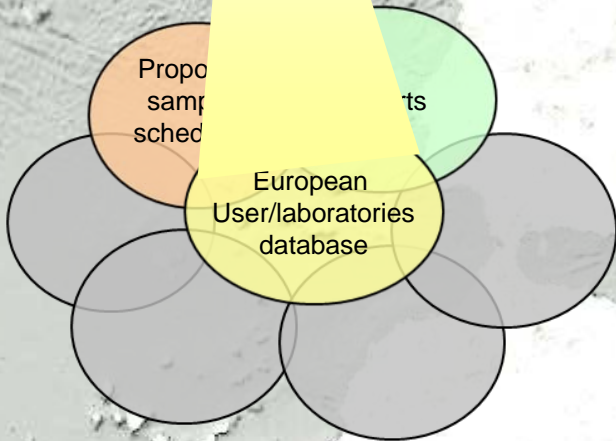
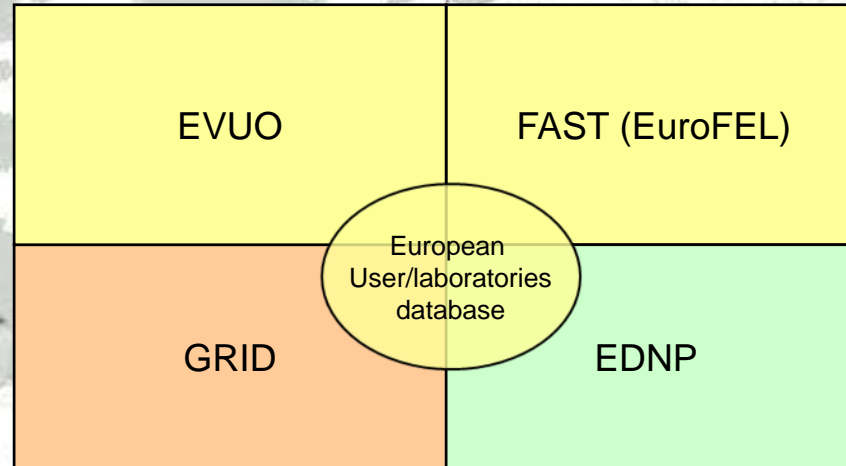
- A European users/laboratories database (data format, authentication, sharing information, ...)
- A proposals/samples/scheduling management system
- A reports management system



User management



User management, another view



Some facts and figures

- **Several hundred new users every year**
- **Several hundred new affiliations**
- **Worldwide users**

User management must:

- **To provide a unique identifier**
- **To share user information between the different laboratories (name, surname, affiliation...)**
- **Authentication, Authorization and Accounting ?**

The requirements for the User management are:

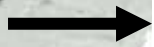
- **Fast and secure unique ID delivery**
- **Users must feel confident with the global mechanism**
- **ID provider must be reliable and permanently accessible**
- **Mechanism must be widely distributed**

Which system matches the best to our user management requirements?

-

- **GRID certificate ?**
- **Shibboleth ?**
- **OpenID ?**
- **Private certificate ?**
- **Others ?**

WP9 description



<http://www.esrf.fr/events/conferences/esrf-up-work-package-9>

WP9 WIKI



<http://evuo.esrf.eu>