

Menu

WP9 description & motivations

Feedback on visits to institutes

Goal of this workshop

Menu

WP9 description & motivation

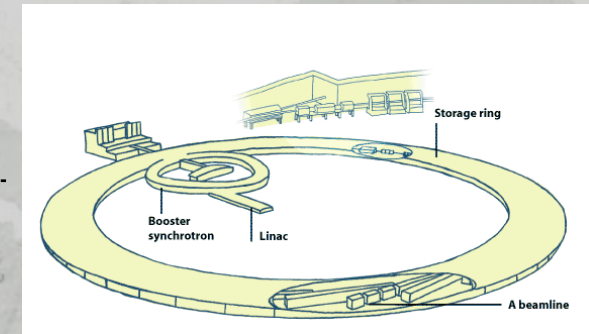
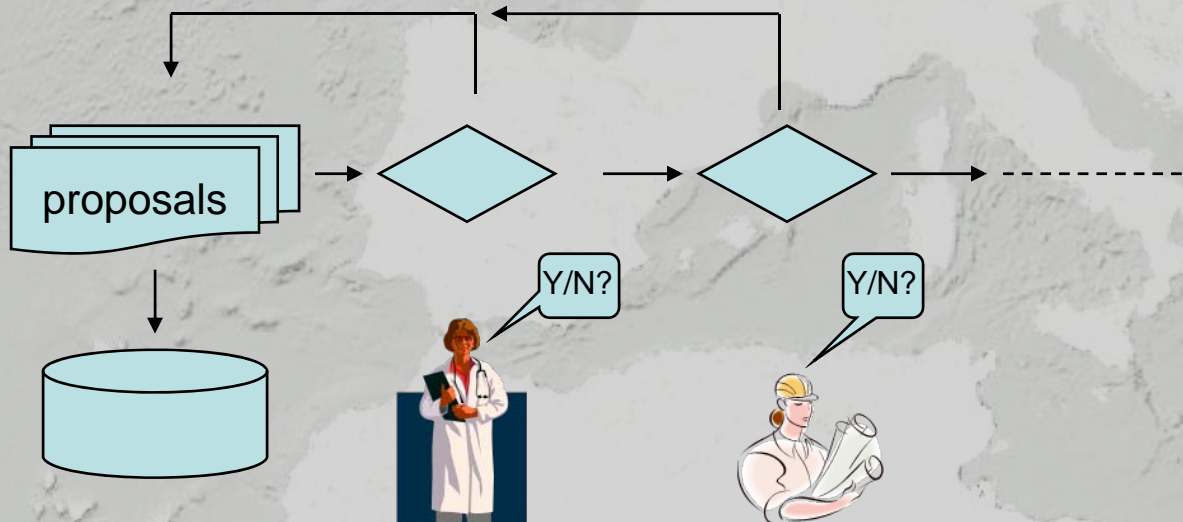
Feedback on visits to institutes

Goal of this workshop



Objective

To study the feasibility of a generic, standard and flexible information system for managing the workflow from the scientific proposal to the publication.



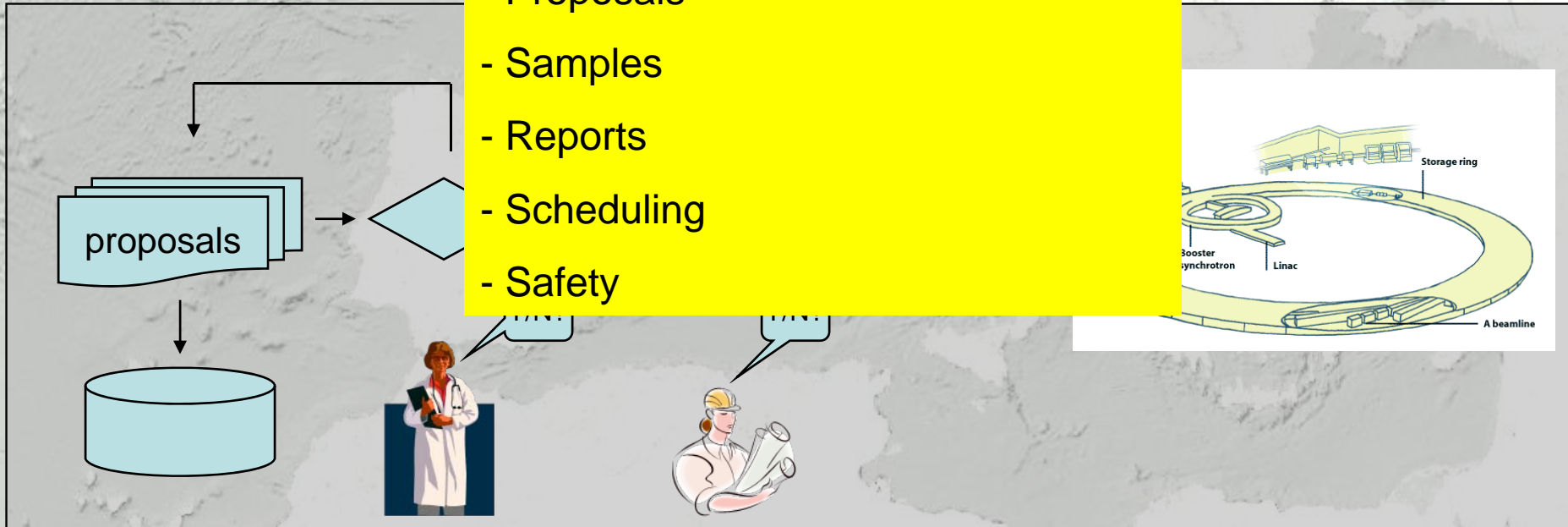
Objective

To study the feasibility of an information system proposal to the

Data key words:

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

le scientific



Motivations

- Can we maintain and develop alone a product when the technology is permanently changing?

SMIS technical Historical background

1979: ILL – PDP11 – BASIC – Management of proposals

1986: ILL – Oracle – SQL*FORMS 2.3

1992: ILL/ESRF – Oracle – SQL*FORMS

1994: User Office Database exported from ILL and modified for ESRF needs.

← Scission/clone

1995: ESPAS – Visual Basic -client form-based application for User Office

1997-99: **Intranet Applications** for Users / Experiments Division – JAVA/Servlets – J++
PSS - Safety Training
Technical Feasibility Table
Room Booking, Seminars Announcement

2005: New JAVA architecture based on EJB/JSP/STRUTS

Feasibility Study for a European Virtual User Office

Motivations

Are the needs drastically different in similar institutes?

Users, laboratories, proposals, samples, safety, reports, scheduling.....



Motivations

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

Description of work (possibly broken down into tasks)

T9.1 Inventory of existing software components and functions currently implemented at ESRF.

T9.2 Analysis of existing software components at partner institutes.

T9.3 Brainstorming workshop with technical experts to determine tools, technologies and methods to be used in such a project.

T9.4 A restricted workshop run as a brainstorm will be set up with the mate institutes interested in a future common SMIS system.

T9.5 Definition of ESRF specific functionalities.

T9.6 Specifications including a summary of pros and cons for sharing the software development

April 2008

August 2008

October 2008

October 2009

Feasibility Study for a European Virtual User Office

Description of work (possibly broken down in

T9.1 Inventory of existing software components implemented at ESRF.

T9.2 Analysis of existing software components of partner institutes.

T9.3 Brainstorming workshop with technical experts to determine tools, technologies and approaches for a project.

T9.4 A restricted workshop to be set up with the partner institutes and the S system.

T9.5 Definition of the software

To go it alone
the software

WP9 crossroads!!

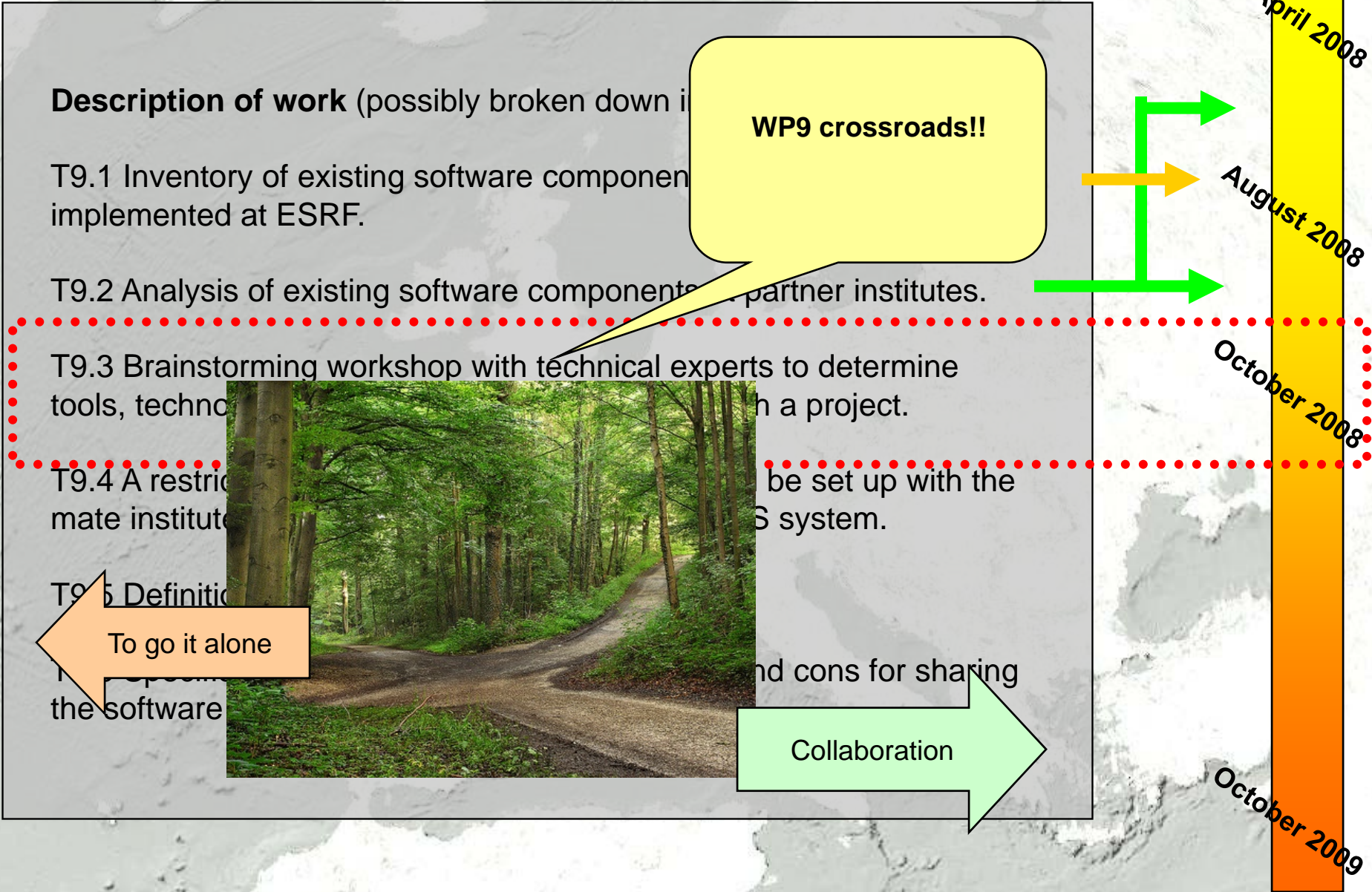
Collaboration

April 2008

August 2008

October 2008

October 2009

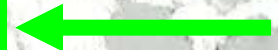


Menu

WP9 description & motivations

Feedback on visits to institutes

Goal of this workshop



Goals of our visits

- Present the WP9 project
- Prepare the workshop
- Learn on existing systems
- Learn on possible future improvements
- Evaluate interest in a pan-European collaboration

Feasibility Study for a European Virtual User Office

Institutes visited
Institutes visited


10/6/08

 diamond
6/6/08


29/8/08


25/7/08


16/7/08

Thank you all for your friendly and constructive welcome!!


22/11/00


10/9/00















3/9/08


21/8/08


23/9/08

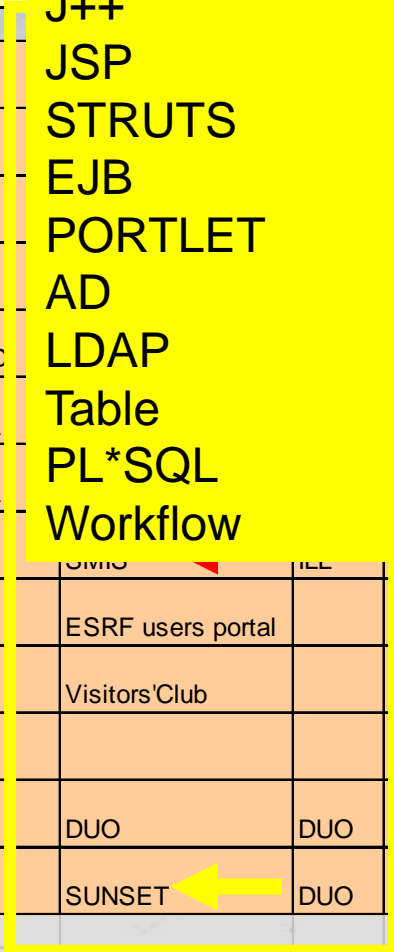
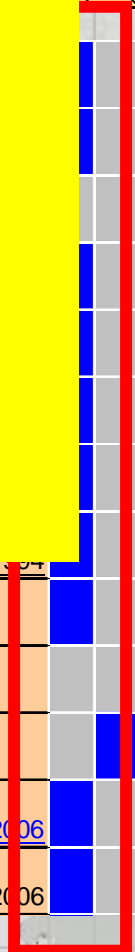
Feasibility Study for a European Virtual User Office

Technology

Laboratory name	Applica	Oracle	MySQL	PHP	VB	J++	JSP	STRUTS	EJB	PORTLET	AD	LDAP	Table	PL*SQL	Workflow
 ANKA															
 BESSY															
 CELLS															
 DESY															
 DIAMOND															
 ELLETRA															
 ELLETRA															
 ESRF															
 ESRF	ESRF users portal														
 ILL	Visitors'Club														
 MAXLAB															
 PSI	DUO	DUO													
 SOLEIL SYNCHROTRON	SUNSET	DUO													

Oracle
MySQL
PHP
VB
J++
JSP
STRUTS
EJB
PORTLET
AD
LDAP
Table
PL*SQL
Workflow












Workflow tool
Oracle PL*SQL
Table
Ldap
Active Directory
Portlet
Java - Struts
Java - Jsp
J++



Feasibility Study for a European Virtual User Office

Features

Laboratory name	Application name	Management of users	Management of laboratories	Management of proposals	Management of publications	Parameters for experiments	Relationship with committees	Safety	Experiment organization	Report on experiment results	Statistics	Data collection & contact course	Remote control	Workshop & treatments	Management of equipments	Crystallography (ISPyB)	Access control system (cards)
-----------------	------------------	---------------------	----------------------------	-------------------------	----------------------------	----------------------------	------------------------------	--------	-------------------------	------------------------------	------------	----------------------------------	----------------	-----------------------	--------------------------	-------------------------	-------------------------------

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

European user database

EDNP project

Features

Laboratory name

-  AN
-  BE
-  CE
-  DE
-  DI
-  EL
-  ES
-  ILL
-  MA
-  PS
-  SC

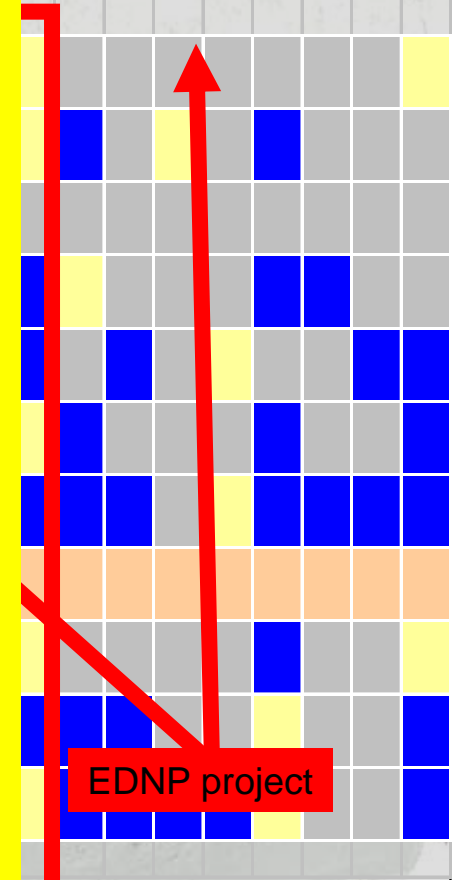
Management of:

- users
- laboratories
- proposals
- publications
- samples
- experiments

Safety

- Relationship with committees
- Experiments organization
- Scheduling of experiments
- Report on experiment results
- Statistics
- Report on experiment course
- Report on local contact intervention
- Data collection & treatments
- Remote control
- Workshop & conferences
- Management of equipments
- Crystallography (ISPyB)
- Access control system

Access control system (cards)
 Crystallography (ISPyB)
 Management of equipments
 Workshop & conferences
 Remote control
 Data collection & treatments
 Intervention



Feasibility Study for a European Virtual User Office

Summary of common computerized features

Features	Rough average
Management of users	All
Management of laboratories	All
Management of proposals	All
Management of samples	90%
Management of publications	80%
Parameters for experiments	80%
Safety	90%
Experiment organization	80%
Relationship with committees	80%
Scheduling of experiments	80%
Report on experiment results	70%
Statistics	70%

Higgledy-piggledy complementary comments expressed during visits

Collaboration helps people to exchange, and brings many good ideas

Collaboration enriches application features

Collaboration allows cost sharing

Collaboration brings constraints

Collaboration slow down development of new features

Short term, medium term and long term collaborations could be envisaged

Menu

WP9 description & motivation

Feedback on visits to institutes

Goal of this workshop



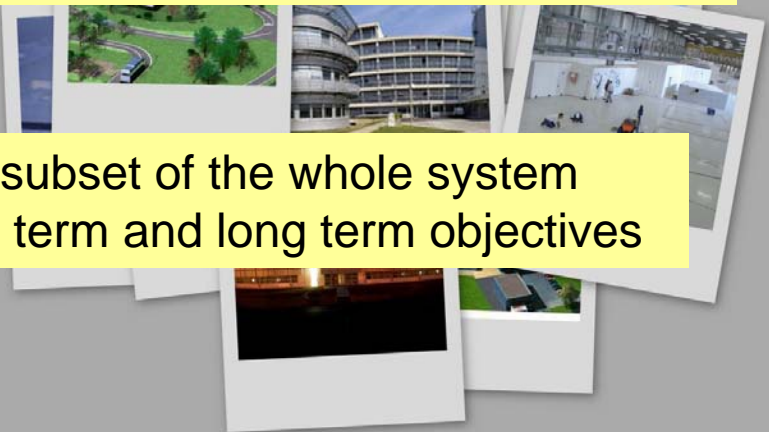
Recall of the goal of the WP9

To come to an agreement on the specification of a European Virtual User Office. This has to be accomplished by October 2009.

Goal of the Workshop

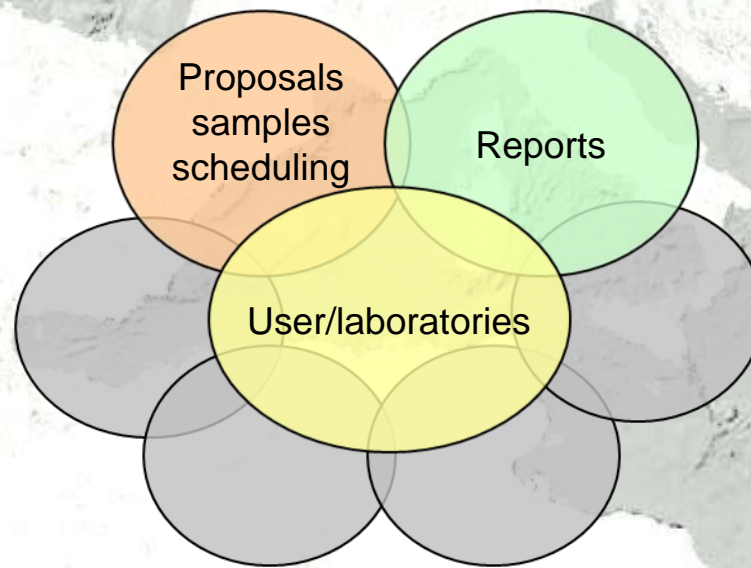
- To discuss and **to agree** on the content of this specification
- To discuss and **to agree** on the organization of the work to be done
- To **distribute the work** to be done

- We can limit the collaboration to a subset of the whole system
- We can define short term, medium term and long term objectives

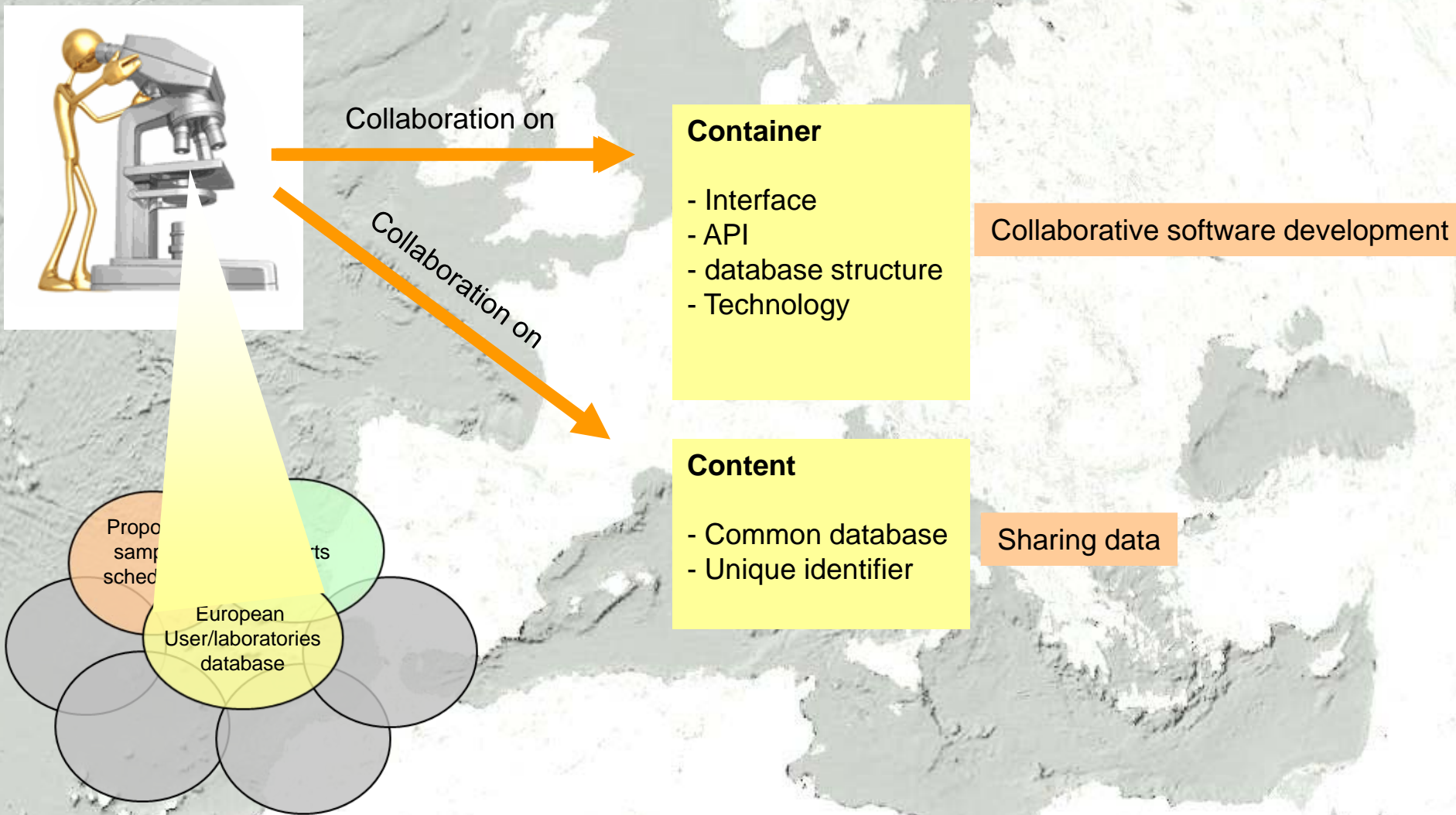


Without anticipating the outcome of the workshop, possible scenario

- 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



Still without anticipating the outcome of the workshop



Let the show go on

We will see tomorrow morning where we are going to !!

European Virtual User Office ?

Lonely



Together

