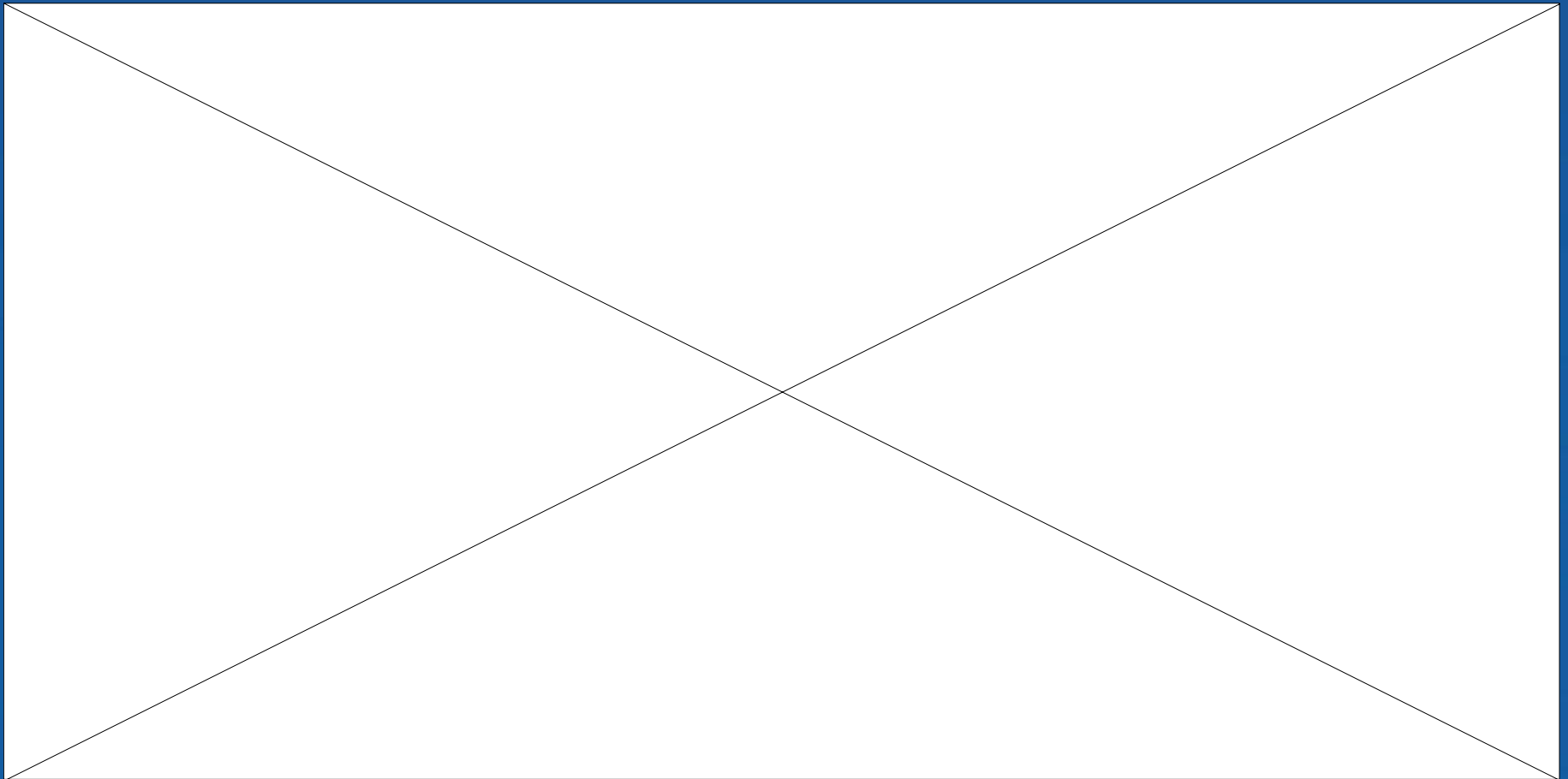# IT improving user experience

ESFRUP
User single entry point to ESRF and ILL (WP7)
User workshop.

IT common projects

Current situation :

X Facilities :

     X proposal submission interfaces

     X login name / password

     X data storage format

     X data archieving solution

     X way to retrieve data

     Xn software for analysing data

     ...

And for a part the same user community :

15% of the ILL scientific visitors are also ESRF users

9% of the ESRF scientific visitors are also ILL users

Why such projects : 3 basics ideas

A single system for our users

>   Learning one tool is simpler than learning the one provided by each facility

Better technical solution

>   Stay on the forefront with up to date technical solution for the best of our users

Resources consideration

ESFRUP WP7 (computing only side)

This is a study.

Creating a common portal for the ESRF and ILL submission process.

Having a common user database

    Potential benefits for the user :

    one credential

    one information database to update

    one Single Sign On for the site

    …

ESFRUP WP9

Study the feasibility of a generic and proposal submission system

- Report on the existing software packages
- Report on tools, technologies and methods
- Produce the specification for a future system

EDNS

5 Euopean facilities involved : Diamond, ESRF, ILL, ISIS, PSI

The objectives :
- common data and metadata catalogue across sites
- common user database
- common data formats = reusable software
- reuse other peoples software - increase efficiency by reusing existing datasets and/or software and tools
- data handling, moving and accessing across sites. Enable to move data to programs and programs to data

To be presented to the next FP7 call for proposal.