



# Umbrella AAI Photon / Neutron community

Mirjam van Daalen

# Contents today's presentation

**Part 1:** Intro Umbrella

**Part 2:** Umbrella Status

Umbrella is the Authentication and Authorisation Infrastructure (AAI) concept for the Photon and Neutron community

It is the first time that such a kind of IT environment is offered:

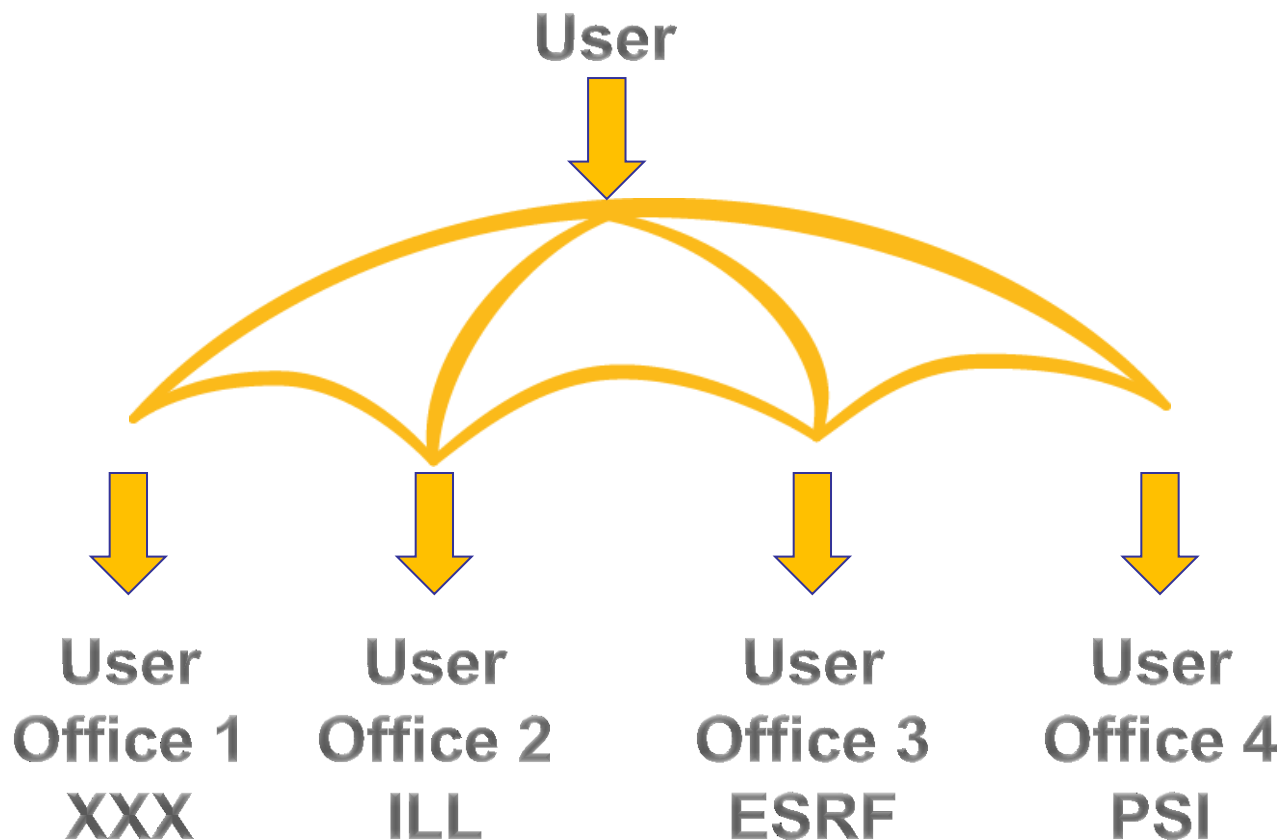
- European wide
- Community overlapping
- Shared between different EU projects

## Umbrella is part of several FP7 projects:

- EuroFEL- ESFRI project Free Electron Lasers of Europe
- PaNData-Europe, PaNData ODI- FP7 projects
- CRISP – Cluster project of different ESFRI projects
- CALIPSO – I3 synchrotron community
- NMI3 - I3 neutron community
- BioStruct-X – renewal of I3 ELISA FP7 (only struct. biol)
- Instruct – ESFRI project

Within CALIPSO Umbrella is part of:

**WP2/NA1-USFRI - User Friendliness Across National Borders**

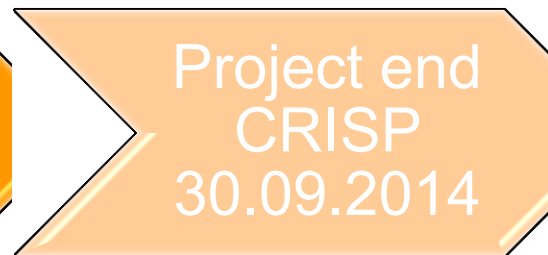


**Umbrella is the basis for various user services under development**

- a. Info & service portal
- b. European proposal support (NMI3 & CALIPSO)
- c. Remote experiment access
- d. Remote file access
- e. Metadata catalogue (iCAT)

**Without a unique identifier it will not be possible to have unified access and work with these tools.**

# Roadmap for Umbrella deployment

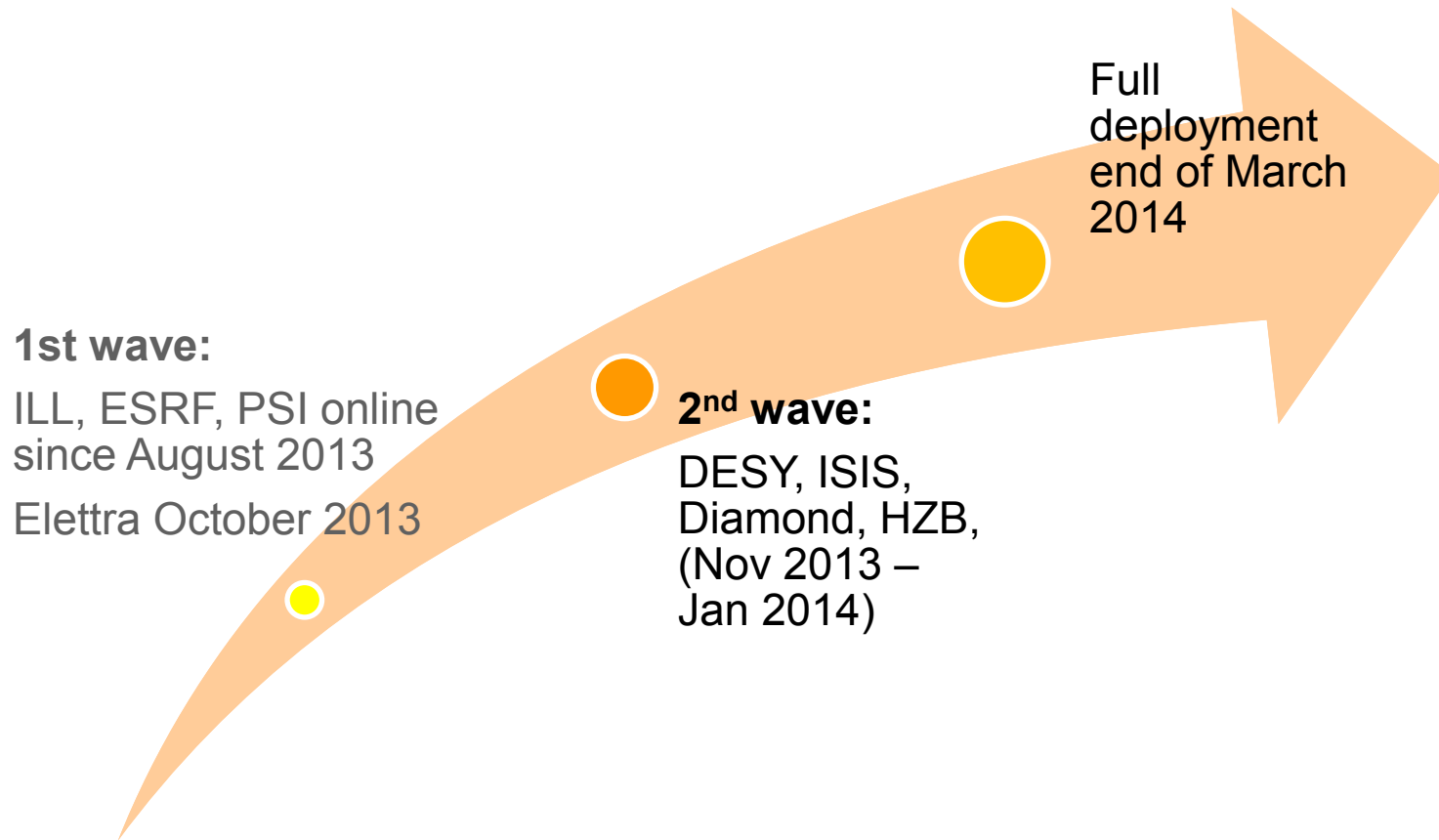








# Roadmap for Umbrella deployment



D 2.7 EAA implementation August 2013  
deployment foreseen end March 2014



## Status of Service Provider deployment 1st wave

Facility	Status	SP installed	WUO adapted	Production
	OK	OK	OK	OK
	OK	OK	OK	OK
	OK	OK	OK	OK
	OK	OK	OK	OK

## In operation

1. Basic Umbrella <https://umbrellaid.org/euu/>
2. Geo DNS (server Umbrella distributed between different facilities)

## In progress

1. Access to Umbrella via EduGain (Geant 3+, Switch)
  - Login with account home institution (Universities etc.)
2. Link of Umbrella to Moonshot (Geant 3+ , non web based access)
  - Remote experiment access
3. Access to iCAT metadata catalogue via Umbrella

## Solutions for facilities without WUO

- Linking of Umbrella to local database
- Suggestion FELIX MySQL database
- Involves programming time to link such databases to Umbrella.
- Best would be same solution for all
- Using synergies

Deployment planning Umbrella	Umbrella Deployment	CRISP	PaNData	NMI3	CALYPSO	Others
ESRF	implemented	X	X		X	
ILL	implemented	X	X	X		
DESY	Fall 2013	X	X		X	
Diamond	Fall 2013	X	X		X	
ISIS	Fall 2013		X	X		
Elettra	implemented		X		X	
MaxLab	Planned until end of PaNdata		X		X	
HZB	Not clear yet		X	X	X	
Soleil	?		X		X	
Alba	Fall 2013		X		X	
EUXFEL	Planned at start of user operation	X	X			
ESS	Planned at start of user operation	X				
GSI	Planned at start of user operation	X				
PSI	implemented	X	X	X	X	
Biostruct-X						X
FMI Basel						X

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## Next meeting

- Umbrella affiliation database meeting at ESRF
- 14.-15.11.2013



# Umbrella collaborators

## ALBA

❖ Daniel Salvat

## DESY

❖ Frank Schluenzen, Rolf Treusch, Thorsten Kracht, Jan-Peter Kurz, Ulrike Lindemann

## Fermi/Elettra

❖ Cecilia Blasetti, Ornella Degiacomo, Giorgio Paolucci

## ESRF

❖ Rudolf Dimper, Dominique Porte, Julien Savoyet, Stefan Schulze

## European XFEL

❖ Krzysztof Wrona

## GSI

❖ Peter Malzacher, Almudena Montiel Gonzalez, Kilian Schwarz

## HZB

❖ Thomas Gutberlet, Dietmar Herrendoerfer

## ILL

❖ Jean-Francois Perrin

## IPJ (Poland)

❖ Robert Nietubic

## MaxLAB

❖ Krister Johansson

## PSI

❖ Bjoern Abt, Stephan Egli, Stefan Janssen, Markus Knecht, Mirjam van Daalen, Heinz J Weyer

## Soleil

❖ Frederique Fraissard

## STFC

❖ Anthony Gleeson, Tom Griffin, Alistair Mills, Bill Pulford

Thank you for your attention!