



5th Harmonization meeting

Welcome

- ❑ ***Goal of the meeting***
- ❑ ***Structure of the meeting***
- ❑ ***Open Umbrella***
 - ❖ to the users
 - ❖ to the facility staff
- ❑ ***4-phase deployment***
 - ❖ Concept
 - ❖ Roadmap
- ❑ ***Next steps***
- ❑ ***Implementation structure***

Goal of the meeting

□ **Information**

- ❖ **Umbrella status**
 - Basic Umbrella
 - Affiliation database
- ❖ **Deployment status**
 - Core team
 - Facilities

□ **Decisions and agreements**

- ❖ **Deployment process**
- ❖ **2nd wave**
- ❖ **MoU**
- ❖ **Procedures**
- ❖ **Next tools & developments**
- ❖ **Horizon 2020**

Structure of the meeting

□ **Plenary**

❖ Wednesday, June 26:

- Workshop goal
- Status reports
- Implementation reports
- Discussion and decisions
- Umbrella and ICAT

❖ Thursday, June 27:

- Bridging issues
- New projects

□ **Ad-hoc, topical meetings**

❖ ~~Wednesday 10-12~~

❖ Wednesday 17-19

- ICAT, especially linking with Umbrella

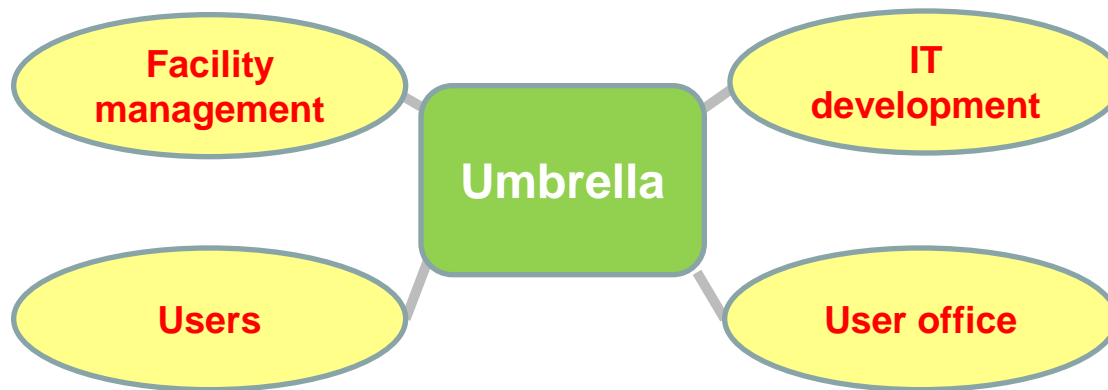
❖ Thursday 13-15

- Moonshot, geoDNS, CRISP/WP16

Umbrella implementation / deployment

❑ *Highly delicate*

- ❖ Affecting management of 30'000+ visiting scientists
- ❖ Touching holy grails of facilities -> only one (1) chance



❑ *Good old salami tactics:*

- ❖ small, overseearable steps
- ❖ Keep everybody in the boat

❑ *4 Phases*

- ❖ Open the gate gradually
- ❖ Keep option to go back

Open Umbrella to users

- ❑ ***Umbrella offers novel possibilities***
 - ❖ Users need to understand them
 - ❖ Need to get used to them
 - ❖ Users, no system experts

- ❑ ***Only loose contact to users***
 - ❖ Self-explaining tools, self-explaining help
 - ❖ Up-to-date web info

Open Umbrella to facility staff

- ❑ ***Umbrella interferes in part with local WUOs***
 - ❖ Part of responsibility no more local
 - ❖ Local staff has to understand Umbrella concept
 - ❖ Deal with users, not system experts

- ❑ ***Handle affiliation db***
 - ❖ Clear definitions
 - ❖ Clear procedures

- ❑ ***Handling security***
 - ❖ Need rules how to classify 'unusual' events
 - ❖ Rules for federated reaction

Umbrella 4-phase deployment

□ **Phase 0: implementation of Umbrella-ready versions**

- Changes to existing WUO are
 - Trans facility Umbrella user ID, Umbrella -WUO handshakes
 - Harmonized local user db format
 - Umbrella username / password conventions

□ **Phase I: Local experts**

- IT people involved, local user office staff
 - Goal is to verify the new procedures.

□ **Phase II: Open to selected friendly users**

- Tell them that this is the 2nd phase of deployment. Tell them about what is to come (should include also estimates for harmonized proposal handling and ICAT)
- Ask them for their feedback
- Incorporate feedback

□ **Phase III: Open to all users**

- Planned for spring / summer

Roadmap deployment

- ❑ **Phase 0: implementation of Umbrella-ready versions**
 - 1st-wave facilities almost done (see talk of Björn)
 - Higher-wave facilities:
 - DESY, HZB, ISIS, DIAMOND, ALBA
- ❑ **Phase I: Local experts**
 - Almost done
- ❑ **Phase II: Open to selected friendly users**
 - **Proposal: start for 1st wave on July 1**
- ❑ **Phase III: Open to all users**
 - **Proposal: open on July 14**

Next steps, Umbrella

- ❑ **Higher-wave facilities**
 - ❖ Users need to get used to it
 - ❖ Users, no system experts
- ❑ **Affiliation database**
 - ❖ Self-explaining tools
 - ❖ Web info
- ❑ **MoU**
- ❑ **PaNdata <-> CRISP >**

PaNdata/WP3 and CRISP/WP16

- **Initially highly overlapping DoWs for identity management**
 - ❖ System immanent problem
 - ❖ Raised again at the Brussels review (Dec. 2012)
- **Bottom-up approach**
 - ❖ Harmonization meetings (Next one coming up: June 2013 @HZB)
- **Job subdivision**
 - ❖ PaNdata/WP3: Basic Umbrella
 - Deployment of Basic Umbrella
 - Affiliation database
 - Umbrella and ICAT
 - ❖ CRISP/WP16: Further developments:
 - Bridging
 - Moonshot
 - Fast data exchange (GRIDftp)

Implementation teams

- **Project structure**
 - ❖ **Management team**
 - Priorities, MoU, facility coordination
 - ❖ **Technical team**
 - Specific technical questions
 - ❖ **Core team**
 - Do the work
- **Holy document** *Legal / administrative issues*
 - Umbrella physical topology
 - Central user database
 - Local user database
 - Affiliation database
 - Security issues
 - User support
 - Procedure for handling further developments
 - Umbrella production version
 - Implementation steps
 - Operational issues
 - MoU

Umbrella Implementation Teams

<i>Facility</i>	<i>Project</i>	<i>Core team</i>	<i>Management</i>	<i>Technical</i>
<i>Alba</i>	<i>P</i>		<i>D. Salvat</i>	<i>D. Salvat</i>
<i>DESY</i>	<i>P+C</i>		<i>F. Schluenzen</i>	<i>J.P. Kurz, U. Lindemann</i>
<i>DIAMOND</i>	<i>P</i>		<i>B. Pulford</i>	<i>S. Paetow</i>
<i>Elettra</i>	<i>P</i>		<i>G. Paolucci, C. Blasetti</i>	<i>F. Bille</i>
<i>EMBL HH & Biostruct X</i>			<i>J. Schmidt</i>	<i>J. Schmidt</i>
<i>ESRF</i>	<i>P+C</i>		<i>D. Porte</i>	<i>S. Schulze</i>
<i>European XFEL</i>	<i>C</i>		<i>K. Wrona</i>	<i>K. Wrona</i>
<i>FMI</i>			<i>D. Flanders</i>	<i>R. Schmidt</i>
<i>GSI</i>	<i>C</i>		<i>P. Malzacher, K. Schwarz</i>	<i>A. Montiel Gonzales</i>
<i>HZB</i>	<i>P</i>		<i>Th. Gutberlet</i>	<i>A. Tomiak</i>
<i>ILL</i>	<i>P</i>		<i>J.-F. Perrin</i>	<i>F. Festivi</i>
<i>ISIS & STFC</i>	<i>P</i>		<i>T. Griffin</i>	<i>A. Wilson</i>
<i>PSI</i>	<i>P+C</i>		<i>S. Janssen</i>	<i>M. Knecht</i>
<i>Umbrella team</i>	<i>P+C</i>	<i>M. van Daalen (coordination) B. Abt H.J. Weyer</i>	<i>B. Abt, M. van Daalen H.J. Weyer (lead)</i>	<i>B. Abt (lead) M. van Daalen H.J. Weyer</i>

Thank you