SWITCH

The Swiss Education & Research Network

AAI Info-Day 2005

The SWITCHaai Team, <aai@switch.ch>

Agenda

8:45 – 9:30	**Basic Introduction for participants new to SWITCHaai and Shibboleth**	Ueli Kienholz, SWITCH Valéry Tschopp, SWITCH Patrik Schnellmann, SWITCH
9:15 – 9:45	Arrival - Coffee	
9:45 – 11:00	**Welcome Address**	Martin Sutter, SWITCH
	Updates on the SWITCHaai Project and Federation	Ueli Kienholz, SWITCH Thomas Lenggenhager, SWITCH
	Data Protection, Privacy and Resource Registry	Ueli Kienholz, SWITCH Thomas Lenggenhager
	The New WAYF	Lukas Hämmerle, SWITCH
11:00 – 11:30	Coffee Break	
11:30 – 12:45	**Federated Identity in Finland**	Mikael Linden, CSC, Finland
	Outlook to 2006	Ueli Kienholz, SWITCH Thomas Lenggenhager, SWITCH Patrik Schnellmann, SWITCH
12:45 – 14:00	Lunch	

Update on the SWITCHaai Project and Federation

The SWITCHaai Team, <aai@switch.ch>

SWITCHaai Project Planning

| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |

| Study | Pilot | Implementation | Operation |

Architecture Evaluation -> Shibboleth

Study, Planning

...
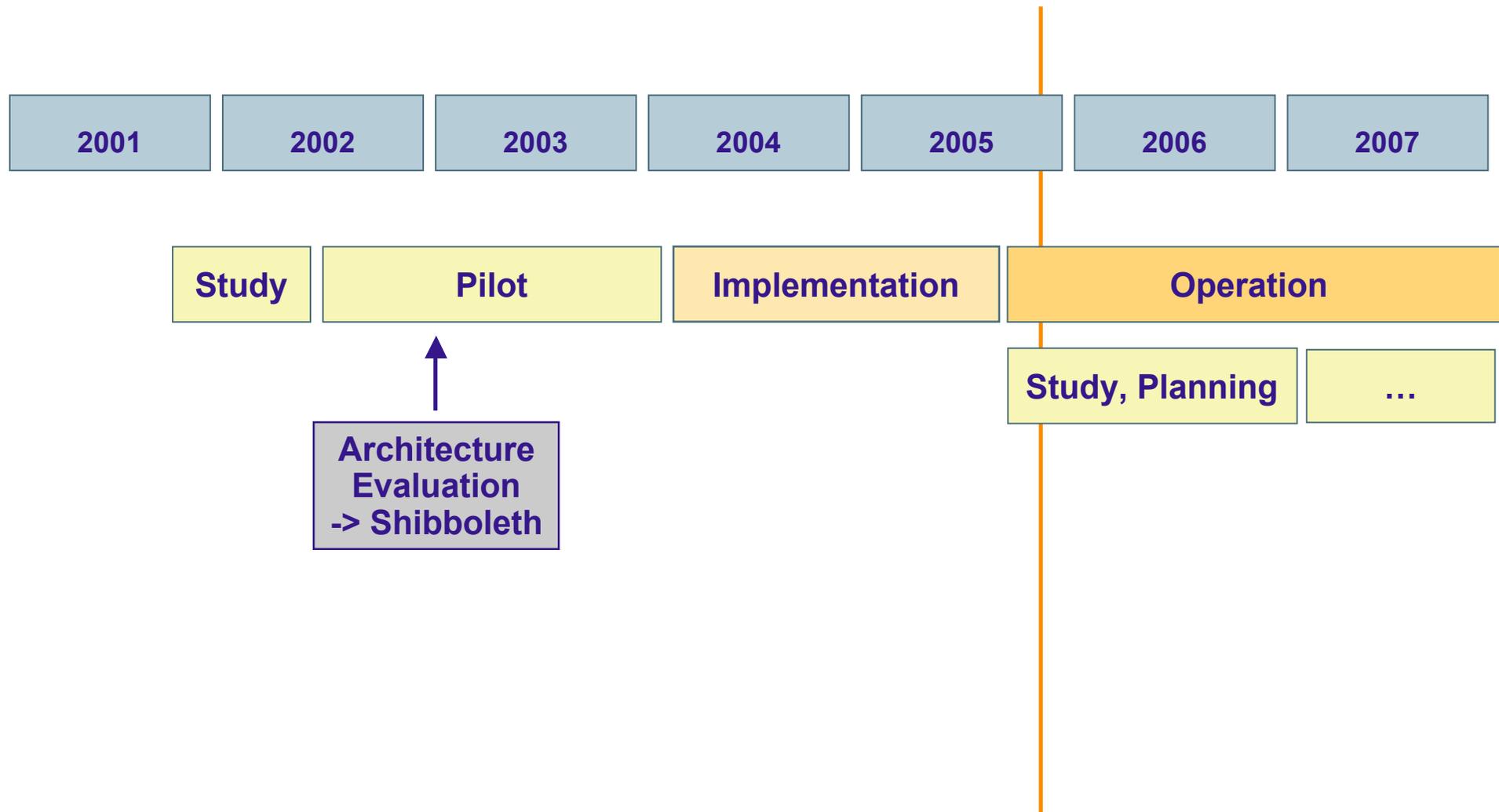
SWITCHaai Building Blocks
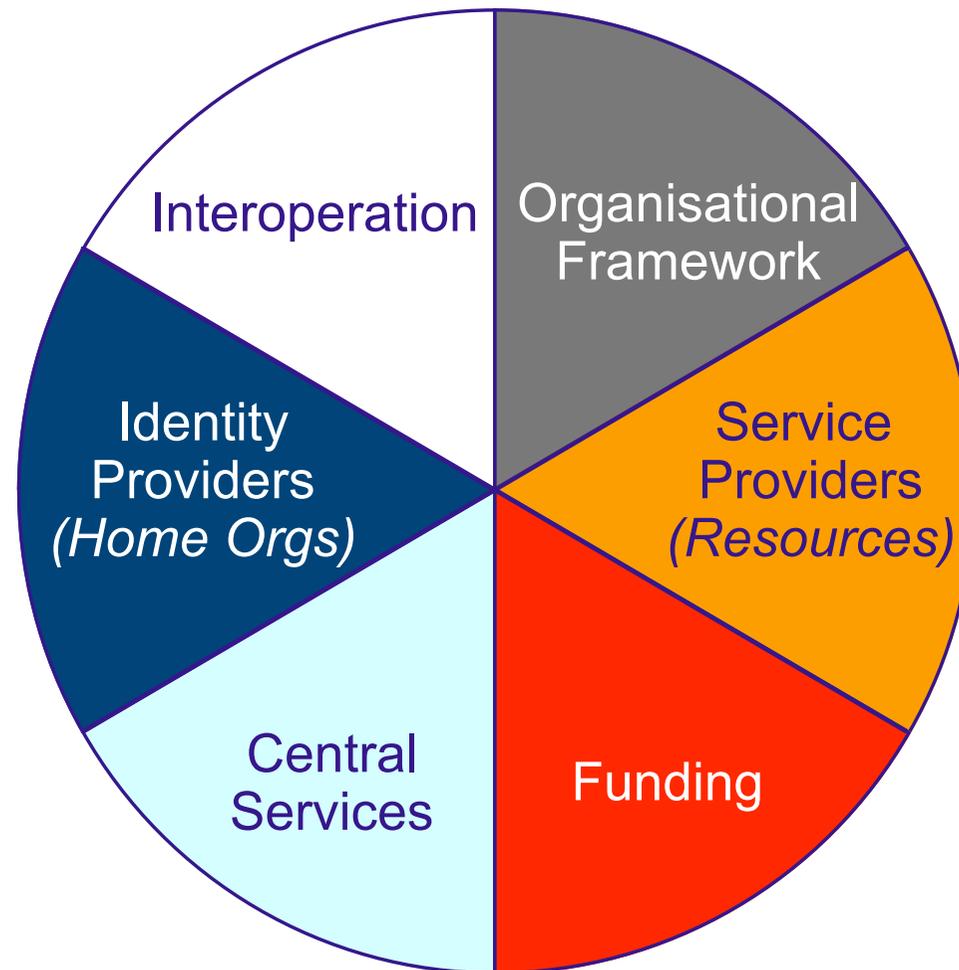
Identity Providers in SWITCHaai

SWITCH

The Swiss Education & Research Network

Coverage:
125'000 Users (~ 2/3 of all)
In Swiss Higher Education

University Hospital Zürich

Zürcher Hochschule Winterthur

Universität St. Gallen

Universität Basel

Universität Zürich

SWITCH

ETH Zürich

Université de Neuchâtel

Universität Bern

Universität Luzern

VHO

EPFL

Université de Fribourg

Université de Lausanne

Université de Genève

SUPSI USI

Operational

Getting ready

Identity Providers
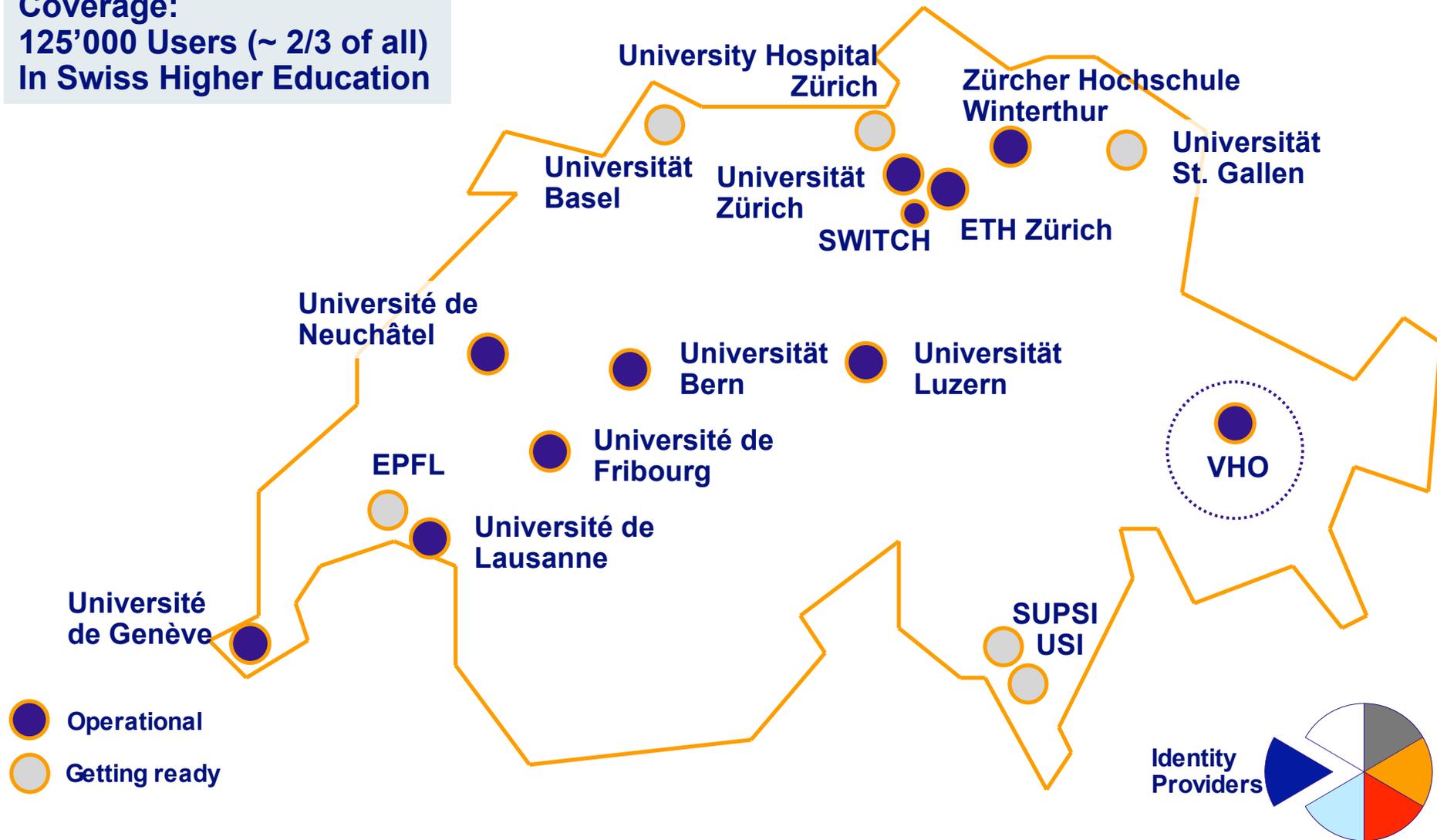
Service Providers (Resources)

e-learning

OLAT@UniZH   **Vista@SVC**

WebCT@ETHZ   **VITELS@UniBE**

DOIT@USZ   **dokeos@UniGE**

Moodle   **ILIAS@ETHZ**

AD Learn & Co   Blackboard

libraries

Ezproxy@ETHBib

ScienceDirect

…

other web applications

eConf-Portal@SWITCH

Twiki@SWITCH

Web-SMS@SWITCH

CompiCampus@ETHZ

IS-Academia

commercial

SwissLex   Cablecom

Bundesgericht   eShops

**15'000 Active Users on
50 Hosts**

Service
Providers

Organisational Framework
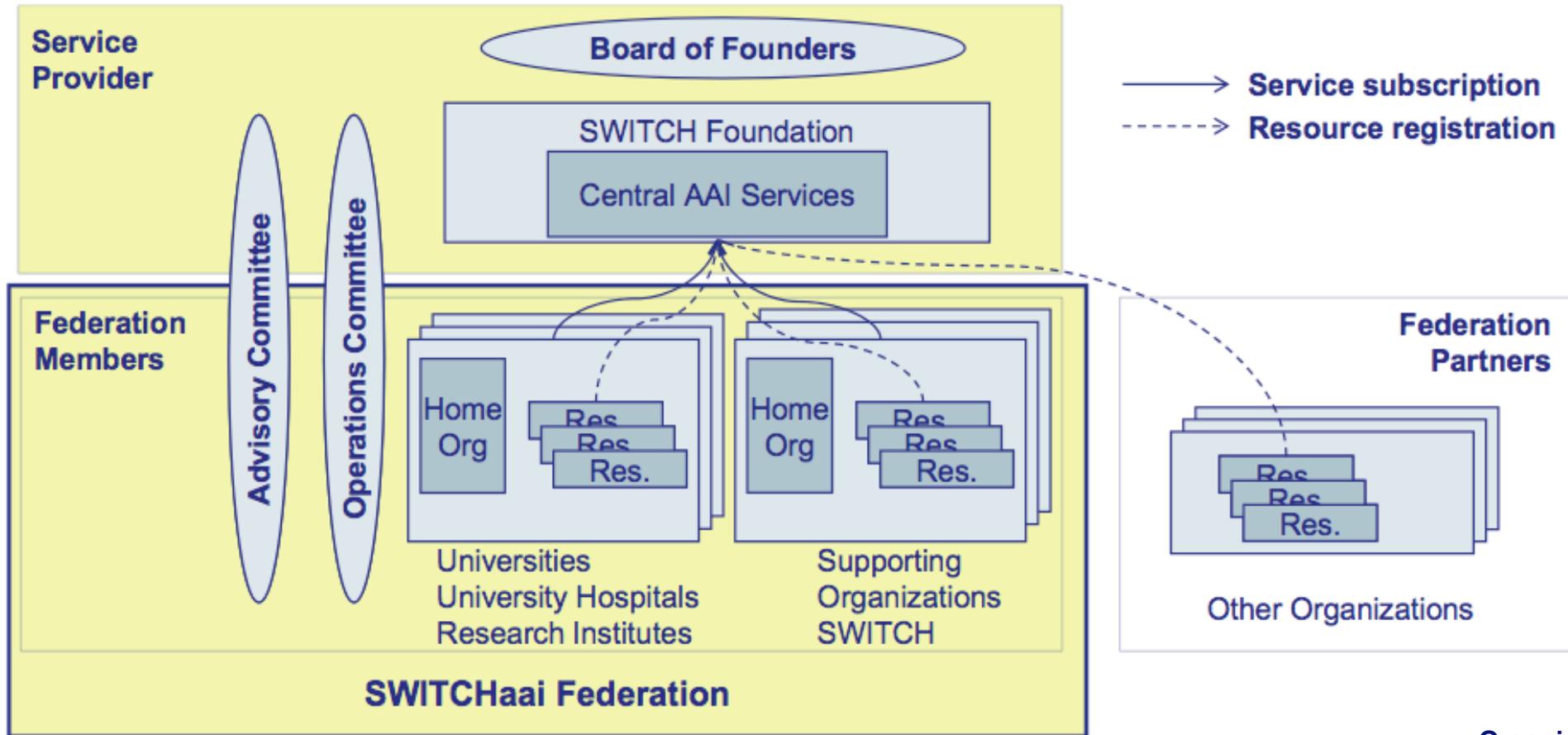
SWITCH acts as SWITCHaai Federation Service Provider

Federation membership based on signed service agreements

Advisory Committee

AC	Niklaus Lang, Verantw. IT Managment FHBB, Muttenz	Representing universities of applied sciences
	Pascal Jacot-Guillarmod, Leiter Centre Informatique der Uni Lausanne	Representing cantonal universities
	Raymond Werlen, Stv. Generalsekretär CRUS, Bern	Representing CRUS
	Gabrielle von Roten, Präsidentin des Konsortiums der Schweizer Hochschulbibliotheken, Genf	Representing Resources
	Andreas Kirstein, Leiter IT-Dienste der ETH-Bibliothek, Zürich	Representing Resources
	Marc-Alain Steinemann, Research Assistant, IAM Uni Bern	Representing Resources
	Thomas Jordan, IT-Sicherheitsbeaufragter der Uni St. Gallen	Lawyer
	Martin Sutter, Head NetServices, SWITCH, Zürich	Representing SWITCH
PL	Ueli Kienholz, SWITCH, Zürich	AAI Project Manager
	Thomas Lenggenhager, SWITCH, Zürich	AAI Deputy Project Manager

Organisation

Operations Committee

OC	Vladislav Nespor	ETH Zurich
	Petr Zimak	University of Basel
	Peter Geiser	University of Bern
	Pierrot Héritier	University of Fribourg
	Dominique Petitpierre	University of Geneva
	Alexandre Roy	University of Lausanne
	Marco Antonini	University of Lucerne
	Claude Wacker	University of Neuchatel
	Luzian Scherrer	University of Zurich
	Peter Eggimann	Zurich University of Applied Sciences
PL	Ueli Kienholz	SWITCH, AAI Project Manager
	Thomas Lenggenhager	SWITCH, AAI Deputy Project Manager

**Organisation**

EuQoS project (IAM, Uni Bern);
- ❑ Warsaw University of Technology
- ❑ University of Rome
- ❑ Universität Tübingen
- ❑ LAAS CNRS, France
- ❑ University of Pisa
- ❑ NICTA, Australia

Publishers (e-Journals):
- ❑ Elsevier, The Nederlands

Service
Providers

Federations / Infrastructures

SWITCHaai Federation

Technical Standards	Legal Framework
Metadata	Policies

Trust

Security

2003　　　2004　　　2005　　　2006　　　2007

Production Infrastructure

Pilot Infrastructure

Test Infrastructure

AAI Test Federation

Technical Standards

Metadata

Organisation

International AAI Activities
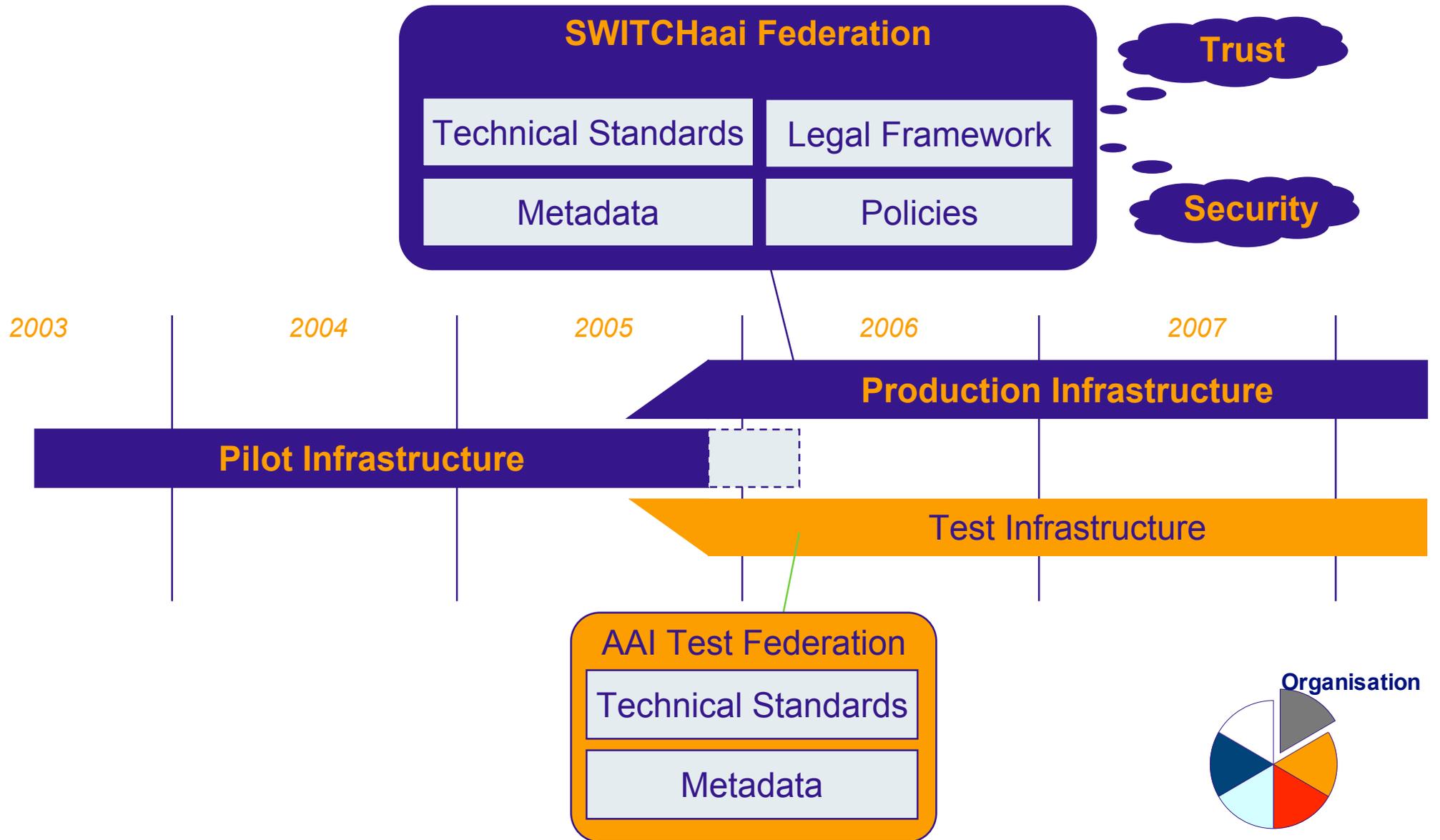
Shibboleth. spreads its wings…

Production Federations	
Finland	*HAKA*
Switzerland	*SWITCHaai*
USA	*InCommon*

In Preparation	
Australia	**France**
Belgium	**Germany**
Denmark	**United Kingdom**

Two EuroCAMP workshops in 2005 organized by TERENA

    CAMP = Campus Architecture Middleware Planning

   http://www.terena.nl/tech/eurocamp/

GÉANT–JRA5: Ubiquity (Mobility) and Roaming Access to Services – Sept. 2004 - Sept 2008

   Define, prototype and build a roaming infrastructure and an AAI

    AAI architecture based on SAML 1.1 and will be Shibboleth compatible

Interoperation
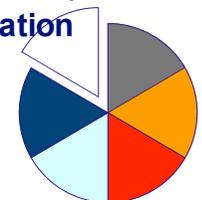
Federal Subsidies for AAI

- "New Cooperation Projects" SUC (2004 - 2007)
  - Involved committees
    - decisive role: Swiss University Conference SUC
    - preparative role: CRUS, KFH, SKPH
  - Granted: 5.2 MCHF on 14 October 2004
    - 3.2 MCHF for the cantonal universities ("matching funds" required)
    - 2.0 MCHF for SWITCH
  - Projects defined and started in 2005
- OPET Subsidies for the UAS (2004 - 2007)
  - Approx. 1.2 MCHF for AAI projects (out of 3.2 MCHF)
- ETH Domain (SFIT Zurich and Lausanne)
  - Contribution on own accounts of 2.0 MCHF
- Execution of the SUC cooperation projects
  - Coordination by SWITCH
  - Cooperation with universities based on projects

Funding
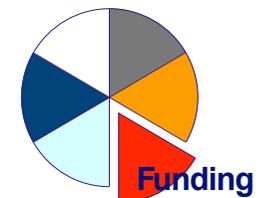
Funded projects

Uni BAS	HomeOrg, EVA, WebCT, DocEx, div. SVC-Projekte
Uni BE	Vorstudien, AAA Plattform, Grid
Uni FR	HomeOrg, Datenschutz-Tool, Aufbau AAI-Knowhow und -Helpdesk
Uni GE	Dokeos, CDSWare or Fedora, Plone, Mediabase, uPortal, ExLibris SFX
Uni L	jahia, Sylvia, e-Learning
Uni LU	Blackboard
Uni NE	HomeOrg, IS-Academia (als Target)
Uni SG	HomeOrg, IBM LMS, Serviceportal, Forschungsplattform, Ausbau Vconf*
USI	HomeOrg, Door
Uni ZH	AAI Versions-Upgrades, SAP-CM, Lenya, Swiss Bio Grid, System X

Funding

Questions ?

SWITCH
The Swiss Education & Research Network

Q & A

http://www.switch.ch/aai

aai@switch.ch