



EUDET

Report on Management & Transnational Access

Joachim Mnich

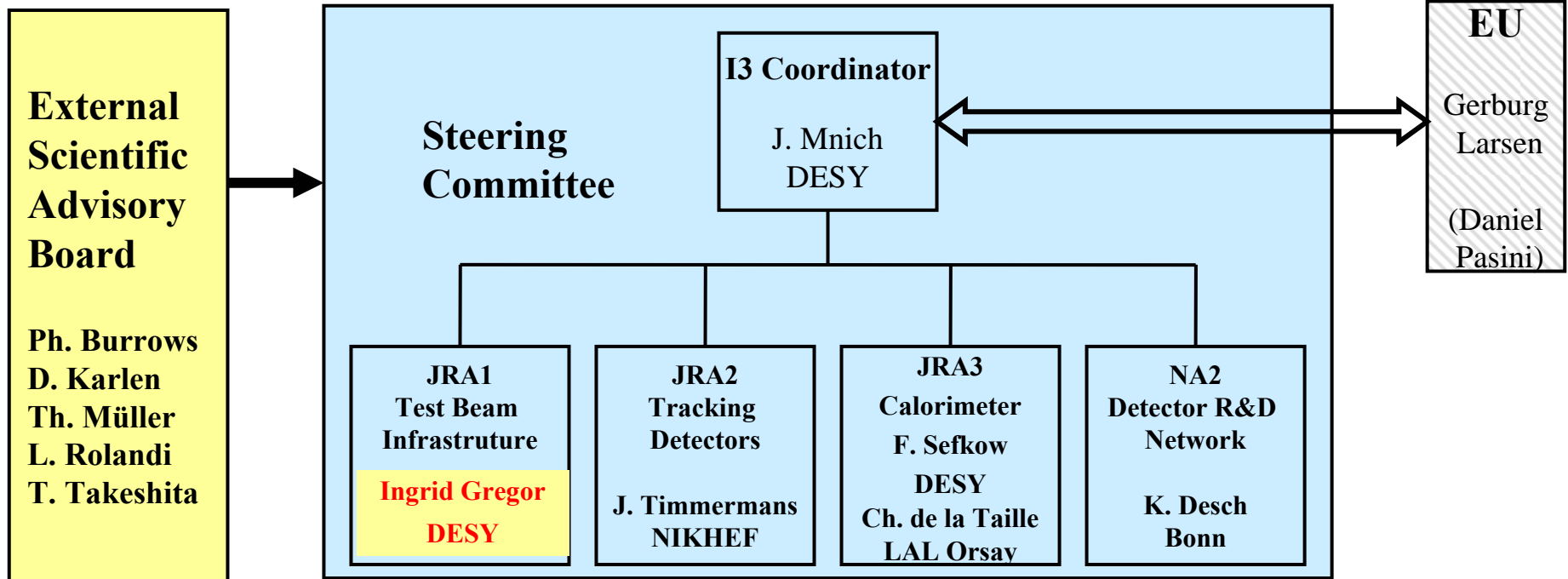
Annual Meeting 2007

Palaiseau, October 9th

Outline:

- **Management Summary 2007**
- **Annual Report 2006**
- **Preparation Annual Report 2007**
- **Transnational Access**
- **2007 Milestones and Deliverables**

EUDET Management



European members form
Selection Board for TA

- As of January 1st, 2007 **Natalia Potylitsina-Kube** is working as Scientific Assistant
- Acknowledgements to the DESY EU office:
Nina Dahlke, Ute Krell & Karolin Darame



Steering Committee

- **Bi-weekly telephone meetings**
 - including short minutes
 - accessible on (protected) EUDET web page
 - **Preparation Kick-off and Annual Meeting**
 - **Approval of reports**

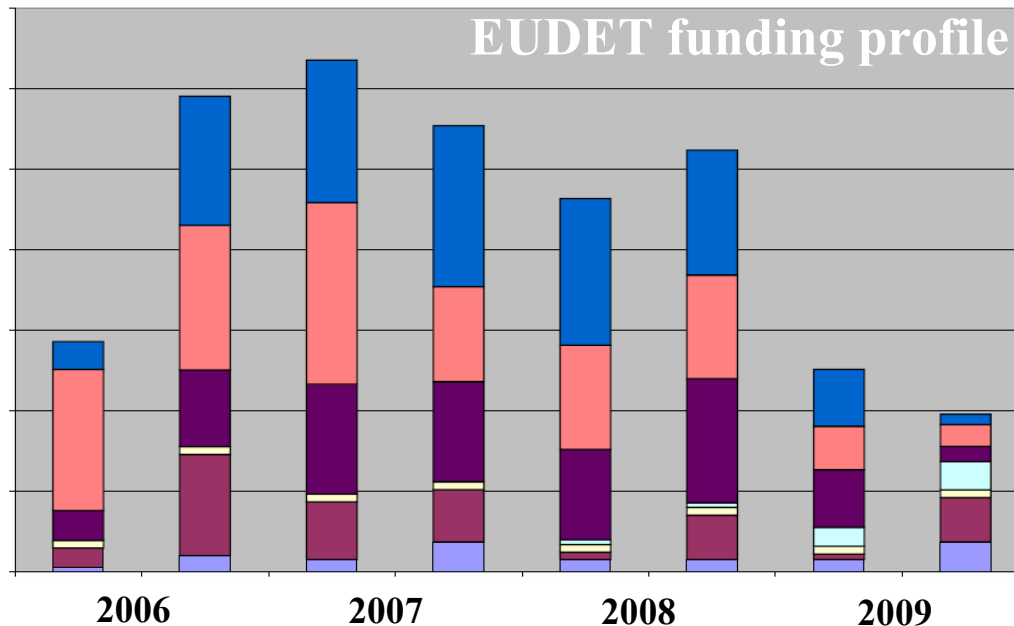
 - **Agenda of EUDET meetings**
 - INDICO category created at <http://ilcagenda.cern.ch/>
 - Detector Design & Physics Studies
 - Detector R&D collaborations
- or go directly to <http://ilcagenda.cern.ch/categoryDisplay.py?categId=85>
- **Should be used for all EUDET related meetings**
 - e.g. the Annual Meeting
 - or JRA meetings
- to have all agendas, talks, documents etc. at one place

helps enormously, e.g. for the next Annual Report



Steering Committee

- **New in 2007:**
 - **Status reports on milestones and deliverable**
 - **1-2 months before delivery date**
 - **to discuss status and documentation**
- **Remember:**
 - **2007 & 2008 are crucial for the success of EUDET!**
 - **most of our obligations are due now and next year**
 - **see also discussion on milestones & deliverables below**



New Associates



■ New associates accepted in 2007:

Institute of High Energy Physics, Vienna, Austria	HEPHY	Leading Austrian institute for high energy physics	Participation in NA2,JRA2
Università di Roma La Sapienza, Italy	UROM	Leading Italian institute for high energy physics	Participation in NA2,JRA3
Laboratori Nazionali di Frascati, Italy	LFRAS	Leading Italian institute for high energy physics	Participation in NA2,JRA1
Universität Siegen, Germany	USIEG	German University	Participation in NA2,JRA2
Inter-university Institute for High Energies, Brussels, Belgium	IIHE	Belgian university group (ULB and VUB)	Participation in NA2,JRA2

■ Now in total

- 23 partner
- 27 associates

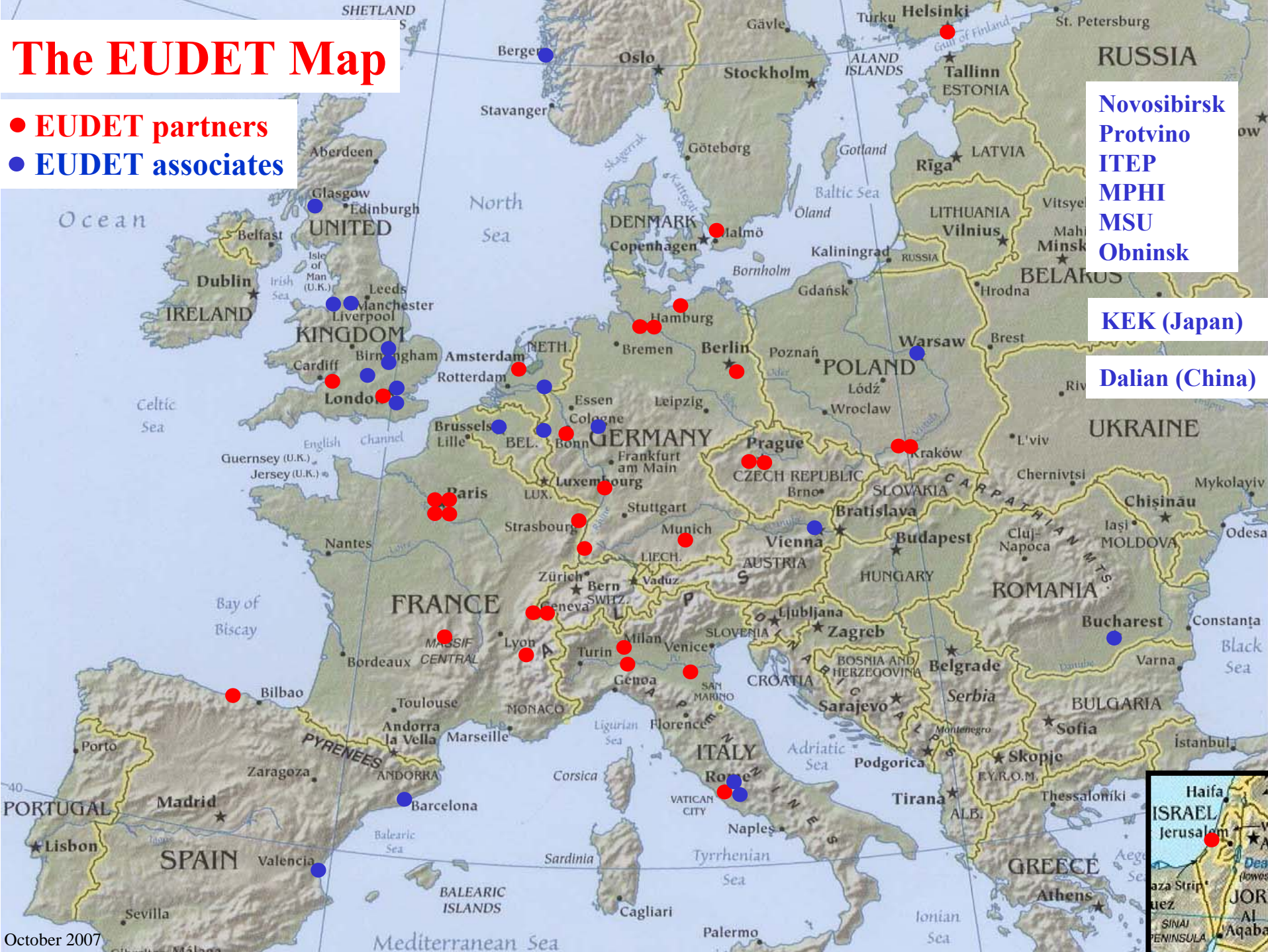
The EUDET Map

- EUDET partners
- EUDET associates

- Novosibirsk
- Protvino
- ITEP
- MPHI
- MSU
- Obninsk

KEK (Japan)

Dalian (China)





EUDET Reports and Memos

- **For internal communication and dissimulation of knowledge**
This is part of our project!
 - **EUDET Memo: not refereed, for internal communication**
 - **EUDET Report: to be agreed by people involved and the SC for papers, conference proceedings, etc.**
- **See web page for more info, templates and examples**

- **Statistics:**
 - **2006: 11 memos & 6 reports**
 - **2007 (until today): 18 memos & 5 reports**

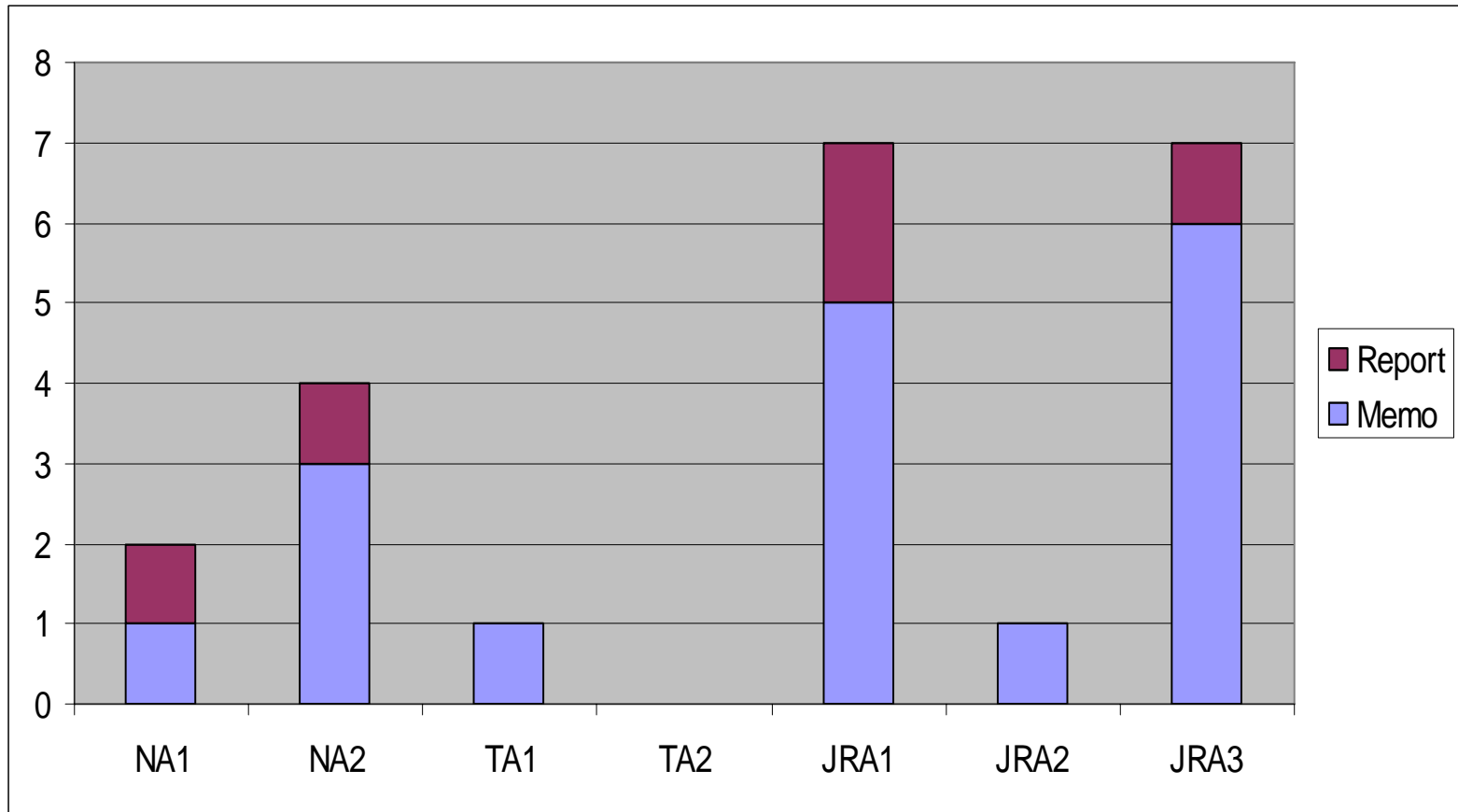
- **We should 'produce' a respectable number of documents**
- **Write up ALL presentations at the Annual Meeting in Paris**

- **Please use the system and encourage people to write-up EUDET related matters**
- **Important:**
Let us know NOW about all your EUDET related talks and papers we need it for the next Annual Report



EUDET Reports and Memos

- Distribution of 2007 memos and reports across activities:



Annual Report 2006



▪ Short history:

- **Very late delivery** of scientific and financial information
- **February 15:** submission (w/o CNRS) on deadline
- **early March:** CNRS numbers & documents delivered
- **mid March:** submission of corrected report
(after discussion of some specific questions with Brussels)
- **April 26:** comments on scientific part received (mostly minor), answered quickly
- **July 6:** comments on financial tables received (benign), answered quickly
- **July 13:** more severe comments received on financial part
- **August 9:** all comments answered (thanks to Aurore & Cedric!)
- **September 12:** approval of Annual Report
- **September 19:** reception of 2nd instalment
- **September 25:** transfer of 2nd instalment to partners

▪ Conclusions for coming reports:

- we were about 1 month late with the complete report
 - we overlooked some important mistakes in the rush (mea culpa)
- **We must avoid this in future and undertake ALL efforts to submit in time!**
- **Next Annual Report has to include audit certificates (for all partners)**

Preparation Annual Report 2007



- Time table, approved by Institution Board yesterday
- Will be **STRICTLY** enforced

Responsibles	Action	Deadline
I3 Coordinator	Submission of Annual Report to Brussels	15.02.2008
All	Final feedback to Annual Report	08.02.2008
IB Members	Signed final versions of financial forms at DESY incl. audit certificate	08.02.2008
I3 Coordinator	Final draft of Annual Report distributed	01.02.2008
JRA/NA2 Coordinators & Task Leaders	Final input for scientific part (progress report)	25.01.2008
I3 Coordinator	First draft Annual Report	18.01.2008
IB Members	Draft financial information (Form C & Appendix 1) incl. new implementation plan	18.01.2008
JRA/NA2 Coordinators & Task Leaders	Input for scientific part: progress report & complete lists of talks and papers	21.12.2007
All	EUDET memo/report on Annual Meeting talks	01.12.2007

- **We'll prepare a web page with further info, documents, etc.**

Other Management Issues



- **EUDET participates in I3-NET**

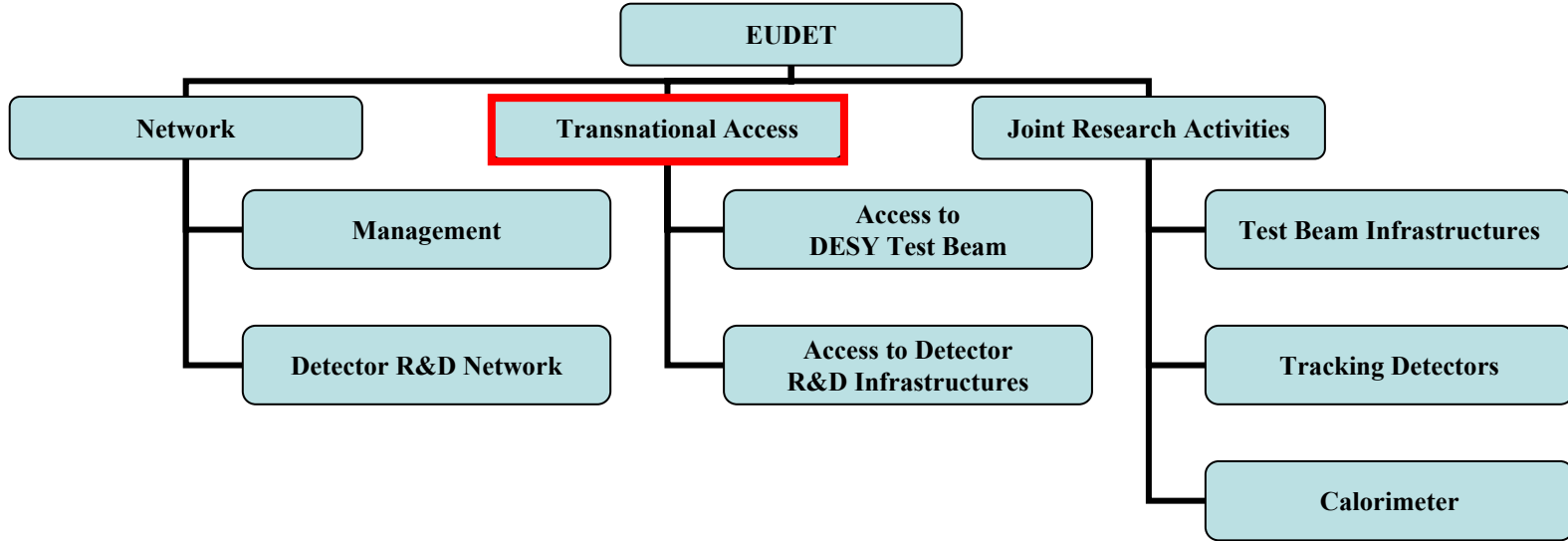
- very useful
- two meetings per year of I3 coordinators (& other management people)
 - November 2006 at London
 - July 2007 at Brussels

- **Mid-term review:**

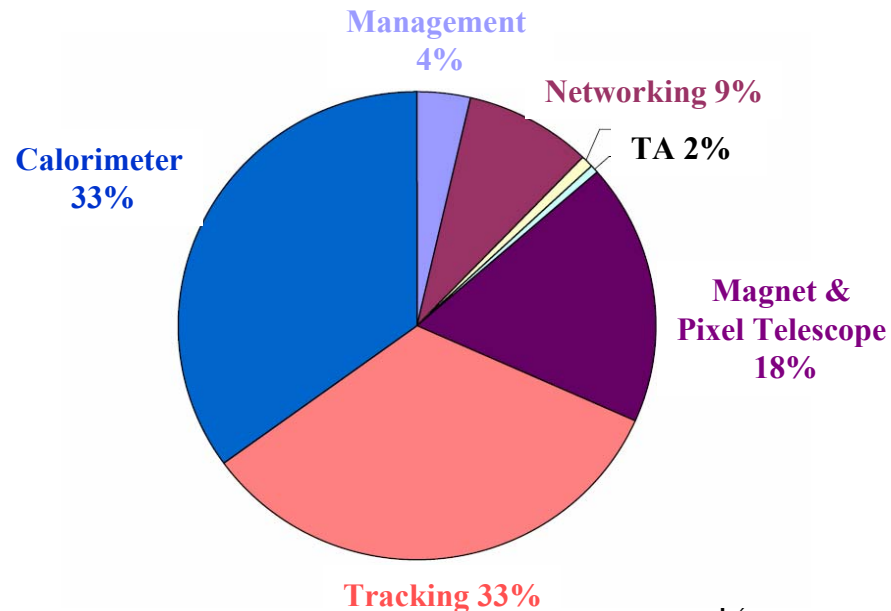
- we have to undergo a mid-term review (spring 2008)
- presentation and discussion of project status (I3 coordinator)
review includes external expert(s)

- **results of this Annual Meeting and the Annual Report will be crucial!**

Transnational Access



- **Transnational Access is a mandatory component of an Integrated Infrastructure Initiative like EUDET**
- **Consists only small part of budget (2%) but as important as Networking and JRAs**
- **We must take it very, very serious**
→ **needs your collaboration**



TA Details from Annex I

Participant number	Organisation short name	Short name of infrastructure	Installation		Operator country code	Cost model for access	Unit of access	Unit cost (€)	For the whole duration of the project		
			Number	Short name					Min. number of access to be provided	Estimated number of users	Estimated number of projects
1	DESY	DESY-TB	1	DESY-TB	DE	UF	TB-week	2300	36	40	8
1	DESY	DRD-INF	2	BTELE	(DE, FR, NL, CH)*	UF	Exp-week	0	6	18	6
			3	TPC				0	11	33	11
			4	SI-TPC				0	5	15	5
			5	SI-STRIP				0	5	15	5
			6	CALO				0	3	9	3

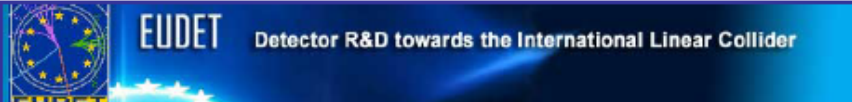
* The rules of Transnational Access are applied with respect to the location where the installation is used.

- **As of 2006: provide 9 weeks per year of the DESY test beam in several (4-5) projects**
- **As of 2008: TA2 exploitation of the infrastructures we are building**
- **Note:**
 - **TA2 can be organised at different places
DESY, CERN, NIKHEF, CNRS, ...**
 - **we started already in 2007 (2 BTELE projects)**
- **For all TA projects:
they do not have to be related to EUDET
any physics or other scientific project would be fine (even better)**

Transnational Access



- We have to make some advertisement for this
 - among colleagues at your university
 - web
 - ...
- **Your help is needed here!**
- Advertisement in CERN Courier (May 2007)
 - so far limited success



Transnational Access to Detector R&D Infrastructures

EUDET is a project supported by the European Union in the Sixth Framework Programme (FP6) structuring the European Research Area. This project aims at creating a coordinated European effort towards research and development for the next generation of large-scale particle detectors. EUDET comprises 23 European partner institutes and 24 associated institutes working in the field of High Energy Physics.

EUDET provides in the framework of the Transnational Access scheme travel support for groups from the EU and countries associated to FP6 using the following infrastructures:

TA1: Experiments at DESY testbeam (<http://testbeam.desy.de>)
TA2: Experiment using infrastructure developed in the EUDET project: high precision beam telescope; large, low mass TPC field cage; silicon based TPC readout system; infrastructure for development of SI-Stripdetectors; infrastructures for development of granular calorimeters.

TO APPLY FOR EC FUNDED ACCESS

visit our web site <http://www.eudet.org> to get more information about the modalities of application.

TA Application & Formalities



- Administration handled at DESY TA1 and TA2
- TA2 procedures being established as close as possible to TA1
- All information on EUDET web page

TA procedures:

How to apply for Trans-national Access (TA) support

Pre-Residence Requirements

- 1) **Application for Reimbursement of Travel Expenses** (the new form will be soon available on the WEB). The filled and signed form should be sent to [Karolin Darame](#) (EU Project Office, DESY) via fax or mail short before arrival. Pay attention of regulation for the reimbursement.

Residence and Post-Residence Requirements

- 2) Fill out the **Travel Expenses Claim**: If you are by DESY pick up that form by Ms.K.Darame, User Office; Bldg. 25f, R 254, otherwise we will send it to you.

Enclose all receipts and tickets (in case of e-tickets, include the boarding cards and a copy of the electronic booking confirmation) and send it to Ms.Darame.
- 3) **Confirmation of Trans-national Access for EUDET** (the form will be soon available on the WEB). Fill out and return the signed form before your departure to Ms.Darame.
- 4) **Project Summary Report** (available on the WEB) should be filled out and send via email to Ms.Darame just after your returning.
- 5) Please complete the EU questionnaire on the WEB

<http://cordis.europa.eu/infrastructures/questionnaire.htm>



Status Transnational Access

■ 2006

- 3 projects applied and approved (TA1 only)
 - 2 projects carried out (MAPS and SiTRA)
- corresponding to 4 testbeam weeks (out of 9 foreseen in Annex 1)

■ 2007

- 4 TA1 projects approved so far
- 2 more are planned

■ New in 2007: TA2

- mandatory as of 2008
- 2 projects on the JRA1 pixel telescope (in CERN testbeam)

Milestones & Deliverables 2007



- **Lists below extracted from Annual Report**
 - some dates updated wrt Annex 1
 - reflects our contractual obligations

- **In 2007: reports scheduled at SC Meetings**
 - to review status
 - to define milestone/deliverable
 - to discuss documentation,
i.e. how to prove accomplishment of milestone/deliverable

- **Milestones/deliverables mostly more or less in time**
 - some are late
 - need to make all efforts to finish in 2007
 - to have them in the Annual Report 2007
 - again lack of documentaion

- **Need to settle all open issues here at our Annual Meeting**

Milestones & Deliverables 2007



Activity	Task	Milestone	Deliverable	Original Date Annex-I/AR1	Updated Date	Comments regards to EUDET Memo or Report
NA1		2 nd Annual Meeting		22	22	in progress
NA2	B	Version 1.0 of analysis framework ready	NA2-D3	18/20	20-complete	MEMO is still missing
NA2	D	First release of improved version of the hadronic processes and physics lists in Geant4	NA2-D4	18	20-complete	EUDET-Memo-2007-18
NA2	A	2 nd stage of computing network installed		22	22	in progress
NA2	F	2 nd Annual Scientific Workshop		22	22	in progress
JRA1	C	SDC prototype 2 ready	JRA1-D2	15	24	in progress
JRA1	A	Field map available	JRA1-D3	18	24	in progress
JRA1	B	Analogue Telescope integrated in beam	JRA1-D4	18	18-complete	EUDET-MEMO-2007-16
JRA1	D	Readout for prototype available		18	18-complete	MEMO is still missing
JRA2	A	Field cage available	JRA2-D3	18/21	23	in progress

Milestones & Deliverables 2007



JRA2	C	Convection cooling system prototype ready	JRA2-D4	18	22	in progress
JRA2	A	DAQ prototype available	JRA2-D6	24		
JRA2	B	Endplate infrastructure available	JRA2-D7	24		
JRA2	C	Motorized 3D table ready	JRA2-D8	24		
JRA2	C	FE chip version 1	JRA2-D10	24		
JRA3	D	DAQ system prototype available		18	18-complete	EUDET-MEMO-2007-14
JRA3	B	HCAL mechanical concept available		21	24	in progress
JRA3	B	HCAL calibration single channel prototype available		21	22	in progress
JRA3	A,B,C,D,E	Design review(report)	JRA3-D3	22	24	in progress
JRA3	C	Design of readout electronics available		24		
JRA3	E	ECAL ASIC prototype TECH2 available		24		
JRA3	E	AHCAL ASIC prototype SiPM2 available		24		

Milestones & Deliverables 2007



Summary on scientific status:

- **Important 2007 milestones/deliverables are (being) achieved**
 - some are delayed - no big disaster yet
 - some things went even faster & smoother than expected
- **But note:**
 - lack & delay of documentation
 - most of the 2007 milestones are stil to be achieved
 - peak at month 24 (= December 2007!)
 - **worries me a lot!**
- **We must obtain a clear view by the end of this meeting where we are standing**
- **Do not forget documentation
and do it in time for the next Annual Report
i.e. well before February!**



Summary and Conclusion

- **Management**
 - new Scientific Assistant
 - budget ok
- **Transnational Access**
 - improving as compared to 2006
 - but still need to increase efforts as TA2 is starting
- **Annual Report 2006**
 - very late & incomplete
 - therefore 2nd instalment delayed to end September
- **Preparation Annual Report 2007**
 - must follow strict schedule to avoid similar problems in 2008
 - see also possible FP7 proposal
 - **try to provide input as early as possible**

- **We are late in documentation**
- **We must increase efforts to have all milestones and deliverables accomplished before end 2007**