

EUDET

Status Report TA1

Transnational Access

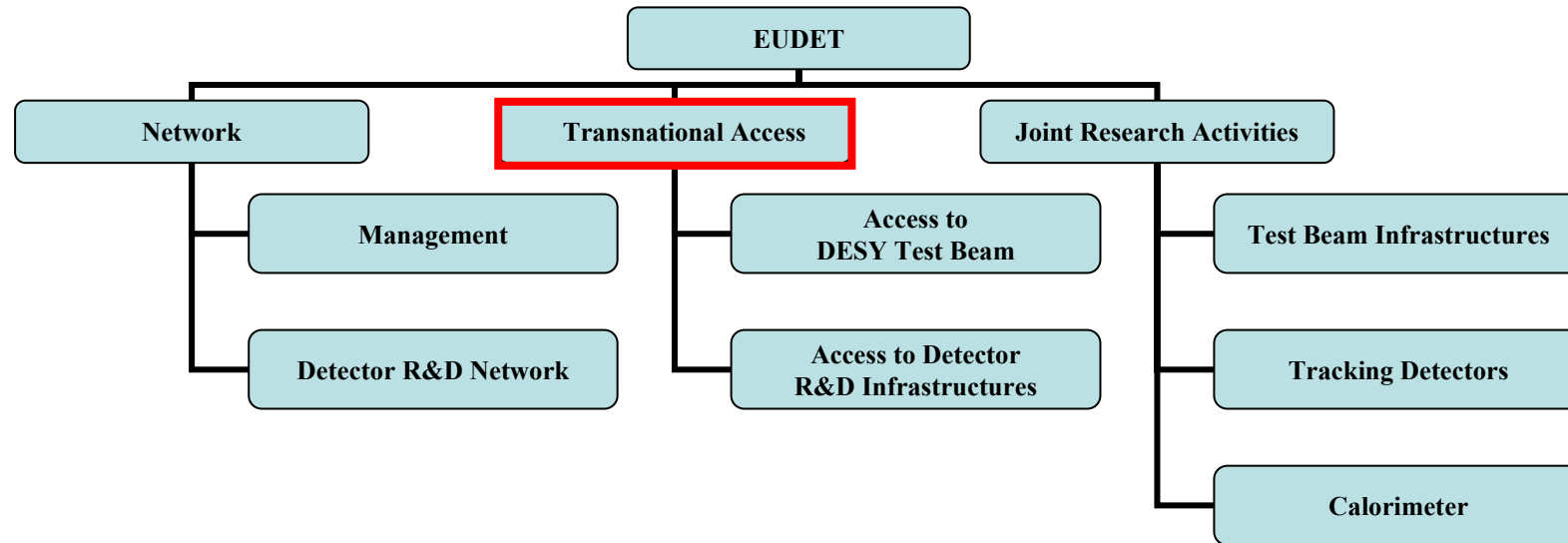


Joachim Mnich

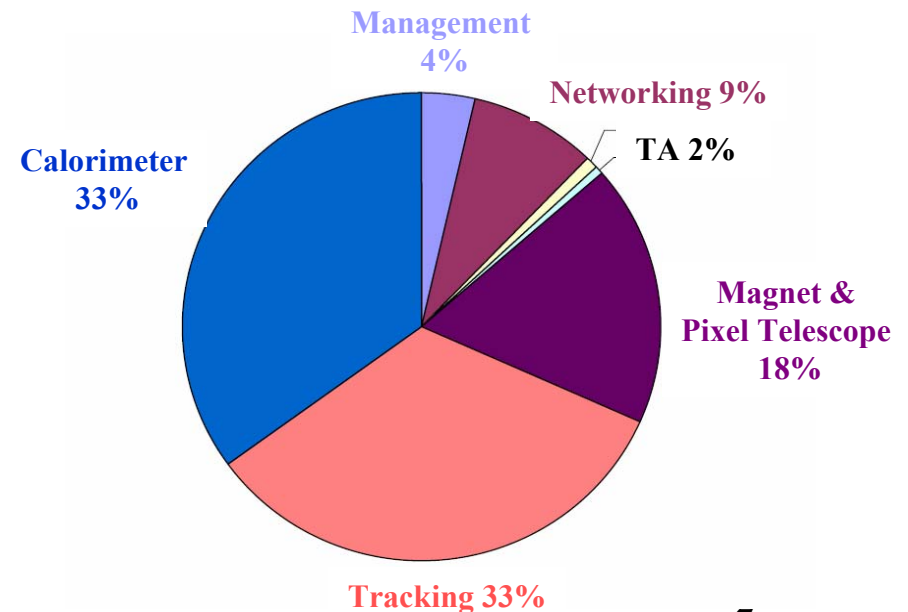
Extended Steering Committee Meeting

September 11, 2006

EUDET Project



- **Transnational Access is a mandatory component of an Integrated Infrastructure Initiative like EUDET**
- **For Brussels (at least) as important as Networking and JRAs**
- **Reduced to bare minimum in EUDET (2%)**
- **Still must take it very, very serious**
→ needs your collaboration



Transnational Access

- **The idea behind is that Brussels wants to encourage European Researchers to exploit existing infrastructures in other European countries**
 - **researchers are supported by travel money**
 - **infrastructures by user fees**
- **Sort of artificial for us because HEP do this since the beginning of time**
- **To meet the formal requirements we incorporated two TA activities in EUDET**
 - **TA1: Access to DESY test beam (2006 – 2009)**
 - **TA2: Access to the Detector R&D Infrastructure (2008-2009)**
 - **beam telescope**
 - **TPC**
 - **Si-TPC**
 - **Si-strip**
 - **calorimeter**
- **TA2 will start once the infrastructures are ready but start thinking about it now**
- **TA1 is the immediate problem!**

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: need to 'sell' 9 weeks per year of the DESY test beam in several, smaller projects to be credible**
- **As of 2008: TA2 exploitation of the infrastructures we have built**
- **Note: TA2 can be organised at different places (DESY, CERN, NIKHEF, CNRS, ...)**
- **For all TA projects: they do not have to be related to EUDET any physics or other scientific project would be fine (see below)**

Who is eligible for TA?

- **All European Research Groups**
 - i.e. institutes from all EU member states & countries associated to FP6 (CH, Norway, Israel,...)**
 - **country is defined by affiliation of group leader**
 - **country must be different from location of infrastructure**
 - e.g. German groups are not eligible for TA to DESY testbeam**
- **Movable infrastructures of TA2: host country defined by place of use**
 - e.g. group from Bonn could use Si-TPC in CERN testbeam**
- **Not only EUDET related research**
 - on contrary, Brussels would like to see widely spread user community**
- **But all HEP and other physics applications**
- **We have to make some advertisement for this**
 - **among colleagues at your university**
 - **web**
 - **...**
- **Your help is needed here!**

How to make TA?

- More detailed explanations and forms can be found on (under construction)
www.eudet.org → TA1
- TA1: Reserve testbeam time on DESY web page
http://www.eudet.org/newdesign/eudet_index.htm
- Write a short proposal 3-4 pages
 - scientific background, does not have to refer to EUDET
 - what do you want to measure
 - how long: in units of weeks, typically 1 - 3 weeks
 - name of group leader and how many people to be supported, typically 2-4
- Proposal will be evaluated by Selection Board (= European Members of ESAB)
- A few weeks before access
 - group Leader should fill and sign *Application for Travel Reimbursement*
- After access
 - All people need to fill DESY travel forms
 - An evaluation form must to be filled
- Collection of related publications and notes for the Annual Report

TA1 Status 2006

- **2 projects in 2006**
 - **SiW calorimeter**
Goetz Gaycken et al.
4 people, 2 weeks
 - **Si-TRA**
Zdenek Dolezal et al.
4 people, 1/2 week

→ **Only 2.5 out of 9 weeks
must improve next year!**

Request for testbeam of new Silicon Tungsten calorimeter at DESY

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UNIVERSITE PIERRE ET MARIE CURIE , LPNHE-Universités de Paris 6 et 7/IN2P3-CNRS

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Paris, May 9, 2006

Request for a test beam at DESY for SiLC R&D Collaboration

Financial Issues



■ TA1 budget:

■ travel money for people

15 k€/year

(+ 60 k€/year for TA2 in 2008 & 2009)

■ user fee

≈ 18 k€/year

trying to recuperate for useful EUDET things

■ Status:

■ EU budget 2006 38 700 €

■ 1st Instalment 46 400 €

■ estimate end 2006 12 000 € (6.2 k€ travel + 5.8 k€ UF)

≈ 26% (of 1st instalment)

12 k€ for 2.5 weeks corresponds roughly to 39 k€ projected for 9 weeks

Conclusions

- **TA1 start-up in 2006 rather slow**
- **Need to enforce TA pillar of EUDET**
 - **look for users inside and outside the consortium**
- **The 'challenge' for TA2 in 2008/09 will be even bigger**