



EUDET

Report on Management & Transnational Access

Joachim Mnich

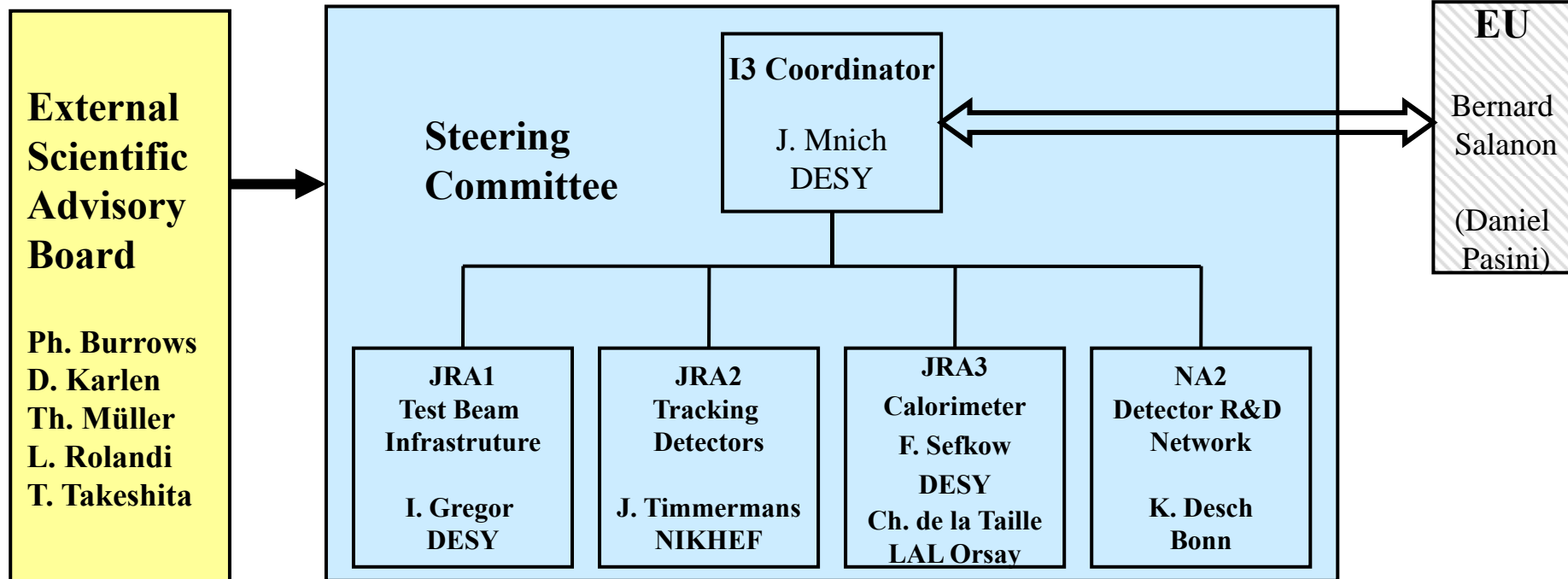
Annual Meeting 2008

October 7, 2008

Outline:

- **Management Summary**
- **Annual Report 2007**
- **2008 Milestones and Deliverables**
- **Transnational Access**
- **Memos & Reports**
- **Preparation Annual Report 2008**

EUDET Management



European members form
Selection Board for TA

- **Scientific Assistant: Natalia Potylitsina-Kube**
- **Acknowledgements to the DESY EU office:
Nina Dahlke, Ute Krell & Karolin Darame**

EUDET Contract Amendment



- **Contract extension by 1 year until 31.12.2010:**
 - allow for more time to exploit infrastructures, e.g. Transnational Access
 - keep community together & bridge to next FP7 call

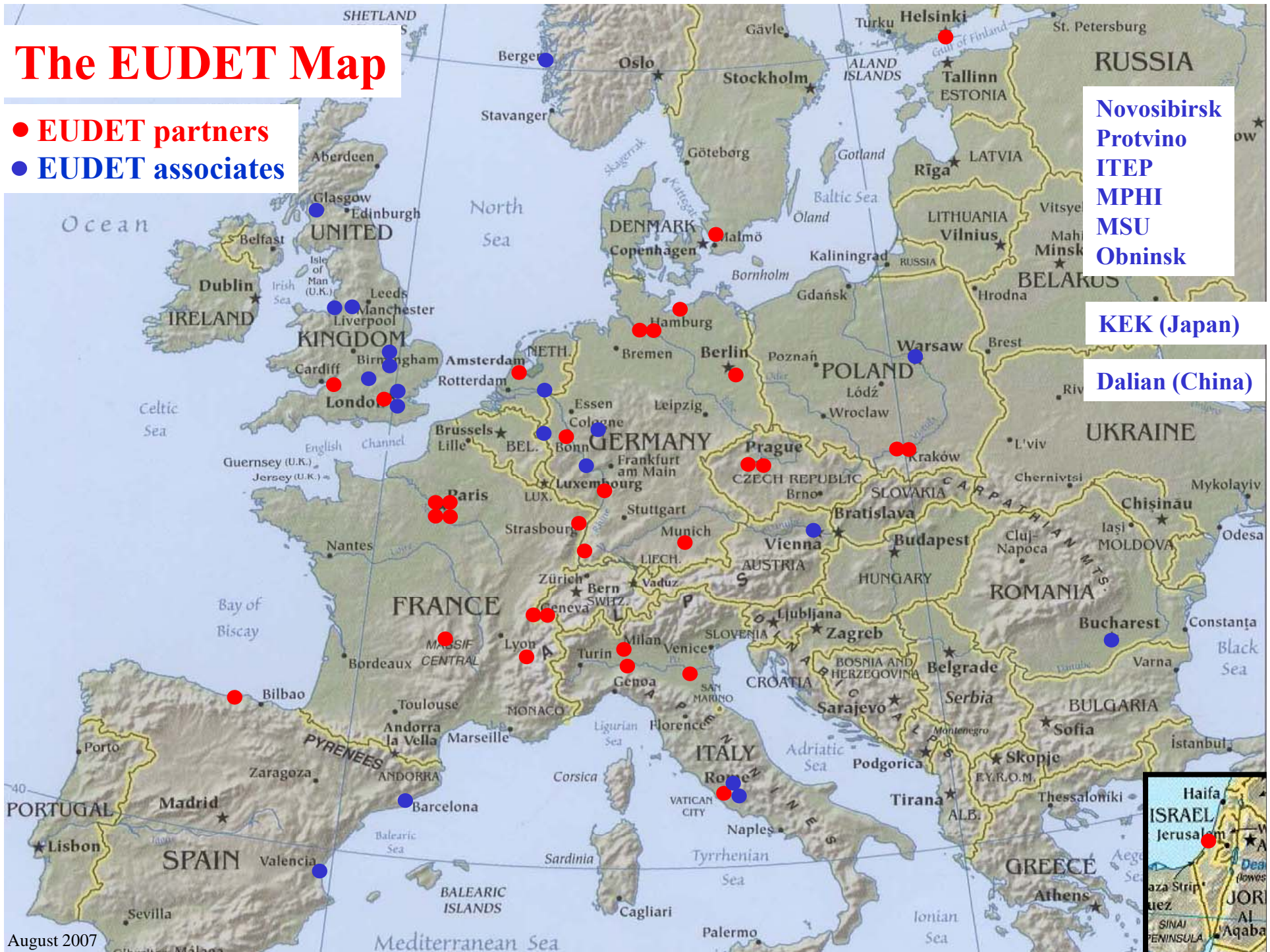
- **Note: milestones and deliverables dates remain unchanged**
 - only small adjustments: final reports, 5th annual meeting & report
 - minor adjustments to budget profile

- **Request for contract amendment submitted to Brussels**
 - hope for positive decision soon

- **Contract amendment also includes some other changes**
 - U Heidelberg replacing Mannheim
 - new associates
 - money transfer between partners

The EUDET Map

- **EUDET partners**
- **EUDET associates**



Novosibirsk
 Protvino
 ITEP
 MPHI
 MSU
 Obninsk

KEK (Japan)

Dalian (China)



Steering Committee



- **Since 2007:**
 - **Status reports on milestones and deliverable**
 - **1-2 months before delivery date**
 - **to discuss status and documentation for Brussels**

- **Remember:**
 - **2008 - as was 2007 - is crucial for the success of EUDET!**
 - **see also discussion on milestones & deliverables below**

Annual Report 2007



- **Same problems as last year....**
 - **incomplete submission on deadline**
CNRS missing, UROS incomplete & false, HIP very late
 - **complete CNRS information >1 month later**
 - **comments on financial part received on mid June**
most answered quickly
 - **scientific part accepted end July**
 - **some struggling with UROS**
 - **now still some interferences with Contract Amendment**
 - ...

- **Measures taken:**
 - **special IB to discuss with CNRS**
 - **CNRS is providing trial financial reports every 3 months**

- **BTW: audit certificates went rather smoothly with almost all partners and they turned out to be cheaper than anticipated**

- **Thanks a lot for your help!**

Next Instalment

		A	B	F	G	H	J	K	1st+2nd+3d Payments (B+F+K)	original TOTAL, vers. April 2008
Participant n°	Organisation short name	First prepayment = 80% of A3.4 (contribution foreseen for month 1-18)	Total cost for 1-12 month (FORM C,2006)	Second prepayment =80%of A3.4 - Rest from 1st	Total cost for 13-24 months (FORM C, AR 2007)	Rest from 1st+2nd prepayments after 24 monthes (A+F -B-G)	80% of contribution foreseen for months 25-42(CPF)	3d payment (Column J - Column H)		
1	DESY	507.225	169.68724	173.49847	310.67522	200.361	525.96000	325.59900	1006.322	1407.45300
2	AGH-UST	23.160	6.16810	21.44810	24.10652	14.333	40.93600	26.60252	71.211	93.10000
3	ALU-FR	119.225	6.26939	10.02039	48.49370	74.482	86.91160	12.42930	141.675	166.91560
4	CEA	176.488	82.38435	50.60915	125.85300	18.860	123.01012	104.15032	331.247	362.00000
5	CERN	193.772	163.72230	51.43280	98.50350	-17.021	22.01600	39.03710	284.242	303.07000
6	CNRS/IN2P3*	429.634	756.18413	956.38100	629.83120	0.000	0.00000	0.00000	1386.015	1519.70000
7	CSIC	54.393	33.43617	57.93643	64.86801	14.026	58.79360	44.76801	157.098	176.16667
8	CUPRAGUE	44.550	15.69022	35.63742	24.98051	39.517	82.17920	42.66211	122.850	148.32000
9	FOM/NIKHEF*	118.272	122.64765	108.38845	155.37235	-51.360	0.00000	51.35955	278.020	278.02000
10	HIP	17.503	1.36969	1.08217	3.68624	13.529	36.54400	23.01504	41.600	60.79600
11	INPPAS	23.160	7.05824	27.61824	14.09945	29.621	57.55385	27.93330	78.712	93.10000
12	IPASCR	36.740	31.78797	36.26797	32.52126	8.699	44.46800	35.76926	108.777	130.94000
13	MPS	35.184	19.48813	38.32013	31.53563	22.480	64.24000	41.75963	115.264	134.08000
14	TAU	67.200	36.45659	35.63739	35.52008	30.861	58.80000	27.93928	130.777	162.10000
15	UBONN	168.495	46.85550	28.93170	125.22535	25.346	134.22272	108.87687	306.304	369.58696
16	UCL	65.362	40.05992	93.28192	24.70762	93.876	203.20000	109.32362	267.968	329.66000
17	UHAM	59.160	19.90132	21.50132	70.74196	-9.982	59.80000	69.78196	150.443	192.40000
18	ULUND	78.580	42.36992	73.71072	92.25419	17.667	68.13184	50.46523	202.756	224.59200
19	UMA	18.168	6.54859	36.94859	32.62591	-15.942	0.00000	0.00000	55.117	39.17450
20	UNI-GE**	77.674	42.25396	60.92065	112.76305	-16.423	101.61280	118.03556	256.630	284.07737
21	UNIVBRIS	33.384	8.32084	72.81924	48.97212	48.910	86.40000	37.48971	143.693	169.92263
22	UROS	59.248	34.93073	64.63473	40.82389	48.128	100.96000	52.83189	176.715	217.32000
23	INFN*	12.666	25.82443	29.92643	-1.86416	18.632	37.98000	19.34784	61.940	88.92000
24	UHEI					15.942	35.01600	19.07391	19.074	48.58550
TOTAL		2,419.24328	1,719.41538	2,086.95342	2146.29661	624.543	2028.73573	1388.25102	5894.44772	7000.000

- some additional headache because of partners requesting more than their share
- Brussels will transfer 1807 k€, i.e. +419 k€ as compared to our request

Milestones & Deliverables 2008



Summary on scientific status:

- **Important 2008 milestones/deliverables are (being) achieved**
 - some are delayed - no big disaster yet
 - some things went even faster & smoother than expected
- **But note:**
 - again lack & delay of documentation
 - most of the 2008 milestones are still to be achieved
 - peak at month 36 (= December 2008!)
 - **worries me a lot!**
actually, not very different from last year...
- **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 2009!**

Milestones 2008



Activity	Task	Milestone	Original Date	Updated Date	Status/Memo/Report
NA1		3 rd Annual Meeting	34	34	in progress
NA2	A	Full computer cluster available	34	34	
NA2	F	3 rd Annual Scientific Workshop	34	34	in progress
JRA1	C	IDC prototype ready	27	27	EUDET-Memo-2008-03
JRA1	B	Final Pixel telescope integrated in beam	36	39 ^a	
JRA1	C	TC ready	36	36	
JRA1	D	Final readout ready	36	36	
JRA1	D	Tracking software available	36	36	
JRA1	E	Test report Analogue Telescope available	36	36	
JRA2	A	TPC fieldcage available	21	27 ^b	Memo still missing
JRA2	A	DAQ prototype available	24	27 ^b	Eudet-Memo-2008-06 TDC memo still missing
JRA2	B	End plate infrastructure available	24	27 ^b	Memo still missing
JRA2	B	SiTPC infrastructure ready for operation	36	38 ^e	
JRA2	C	Conduction cooling system prototype ready	36	36	
JRA2	C	FE chip version 2	36	36	
JRA2	C	Forward tracker prototype	36	36	
JRA2	C	Silicon tracking infrastructure available	36	36	

Milestones 2008



Activity	Task	Milestone	Original Date	Updated Date	Status/Memo/Report
JRA3	A	ECAL design and mould available	30	30	EUDET-Memo-2008-07 EUDET-Memo-2008-11
JRA3	B	HCAL calibration multi-channel prototype available	30	33 ^c	
JRA3	B	HCAL design available	33	36 ^d	
JRA3	D	DAQ system prototype available	33	33	
JRA3	A,B,C, D,E	Production readiness review	34	34	
JRA3	C	Prototype of laser positioning system available	36	36	
JRA3	C	Sensor test facilities ready	36	36	
JRA3	C	Readout electronics ready	36	36	
JRA3	E	ECAL ASIC production TECH3 finalised	36	36	
JRA3	E	AHCAL ASIC prototype SiPM3 finalised	36	36	
JRA3	E	ECAL PCB available	36	36	
JRA3	E	HCAL PCB available	36	36	

Deliverables 2008



Deliverable No	Deliverable title	Task	Lead Contractor(s)	Nature	Original date	Updated date	Status/Memo/Report
NA1-D3	3 rd Annual Report		DESY	Report	36	36	
NA2-D6	Full computer cluster	A	UBONN	Hardware	34	34	
NA2-D7	Proceedings of 3 rd EUDET workshop	F	DESY	Report	36	36	
JRA1-D5	IDC prototype	C	CNRS-IReS	Prototype	27	27	EUDET-Memo-2008-03
JRA1-D6	Test report Analogue Telescope	E	MPS-MPI	Report	36	36	
JRA1-D7	Final telescope	B,C, D	DESY, UNI-GE, CNRS-IReS	Hardware	36	39 ^a	
JRA2-D3	TPC field cage	A	DESY	Hardware	21	27 ^b	Memo missing
JRA2-D5	2 nd version of TimePix chip	B	CERN,FOM/NI KHEF	Prototype	27	27	
JRA2-D6	DAQ prototype available	A	ULUND,UROS	Hardware	24	27 ^b	Eudet-Memo-2008-06 TDC memo missing
JRA2-D7	Endplate infrastructure	B	CEA	Hardware	24	27 ^b	

Deliverables 2008



Deliverable No	Deliverable title	Task	Lead Contractor(s)	Nature	Original date	Updated date	Status/Memo/ Report
JRA2-D11	SiTPC Infrastructure	B	FOM/NIKHEF	Hardware	36	38 ^e	
JRA2-D12	Forward tracker prototype	C	CNRS-LPNHE, CUPRAGUE	Prototype	36	36	
JRA2-D13	Conduction cooling system prototype	C	CNRS-LPNHE	Prototype	36	36	
JRA2-D14	Silicon tracking infrastructure	C	CNRS-LPNHE	Hardware	36	36	
JRA2-D15	FE chip version 2	C	CNRS-LPNHE	Prototype	36	36	
JRA3-D4	Production readiness report	A,B,C, D,E	DESY,CNRS-LAL	Report	36	36	
JRA3-D5	ECAL ASIC	E	CNRS-LAL	Prototype	36	36	
JRA3-D5	HCAL ASIC	E	CNRS-LAL	Prototype	36	36	
JRA3-D7	VFCAL laser system	C	INPPAS	Prototype	36	36	
JRA3-D8	VFCAL sensor test facility	C	DESY	Prototype	36	36	



EUDET Reports and Memos

- For internal communication and dissemination 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: 59 memos & 11 reports
 - 2008 (until today): **11 memos & 1 report**
 - Last year we did rather well, but this year we are behind again!!!

- **Write up ALL presentations at the Annual Meeting in Amsterdam**

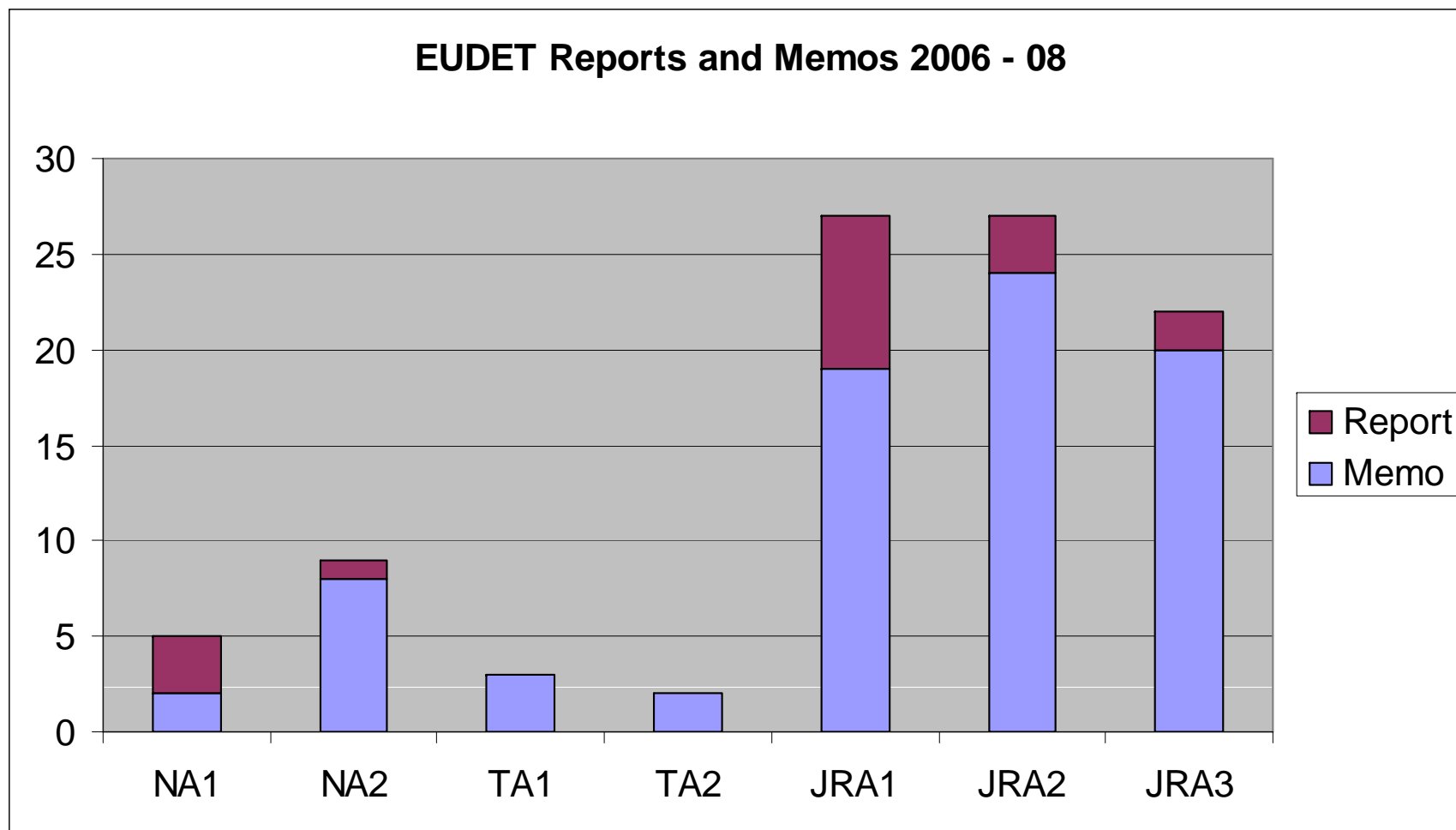
- Please use the system & encourage people to write-up EUDET related matters
- **Important:**

Let us know NOW about all your EUDET related talks and papers we need it for the next Annual Report



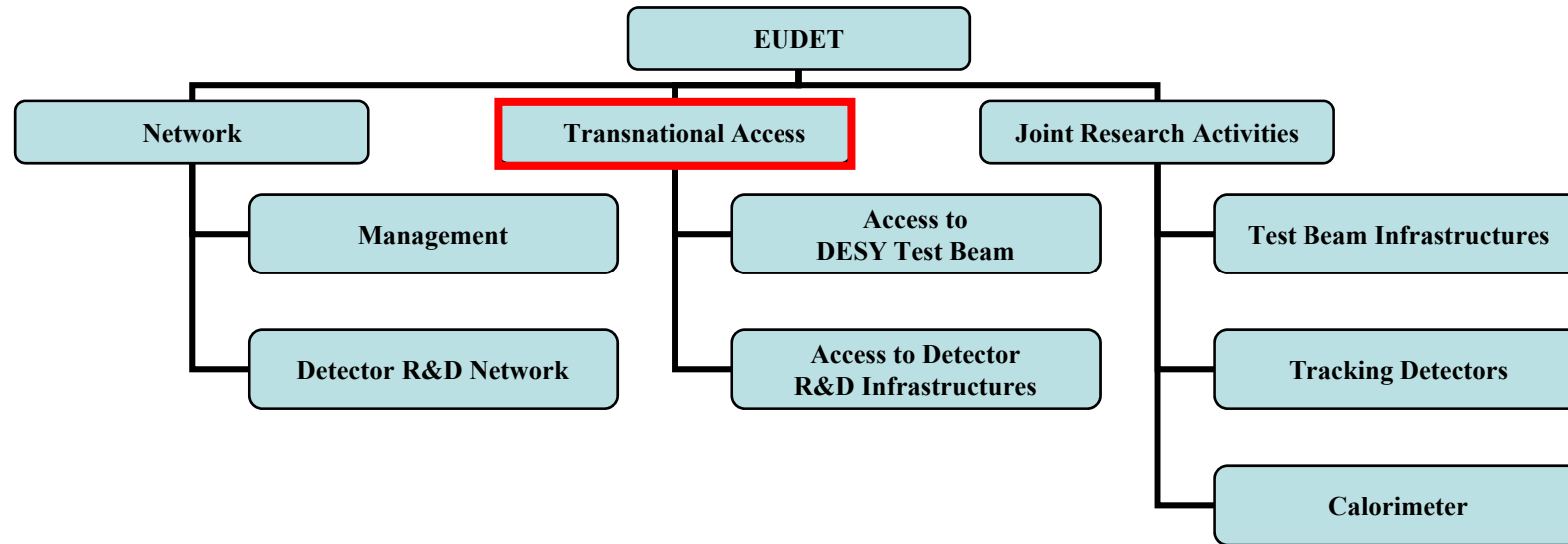
EUDET Reports and Memos

- Distribution of memos and reports produced so far (2006-08):

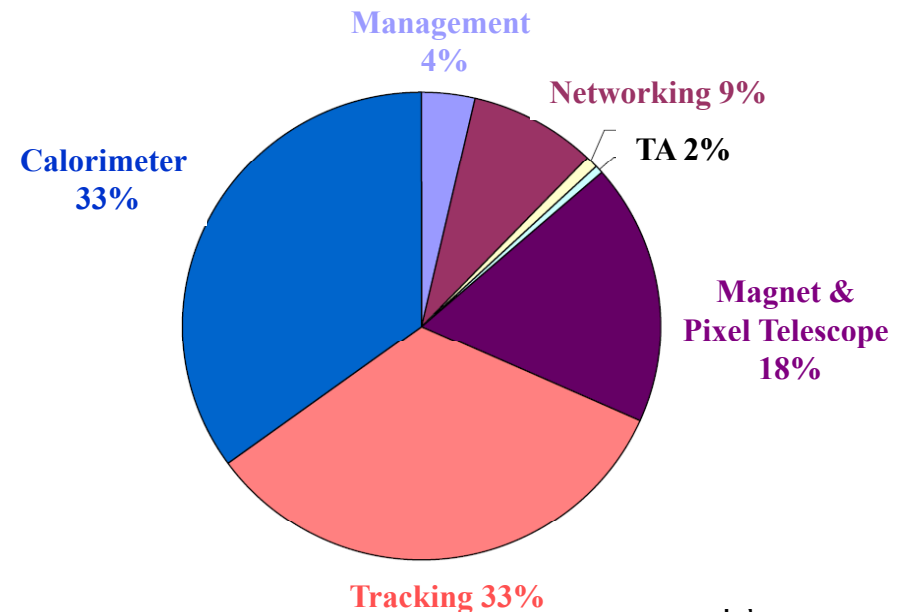


In total 78 memos and 17 reports

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	50	10
1	DESY	DRD-INF	2	BTELE	(DE, FR, NL, CH)*	UF	Exp-week	0	6	60	20
			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

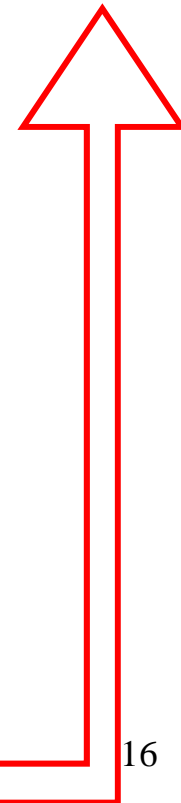
* The rules of Transnational Access are applied with respect to the location where the installation is used.

- **TA1:DESY test beam**
- **TA2: as of 2008 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 (even better)**

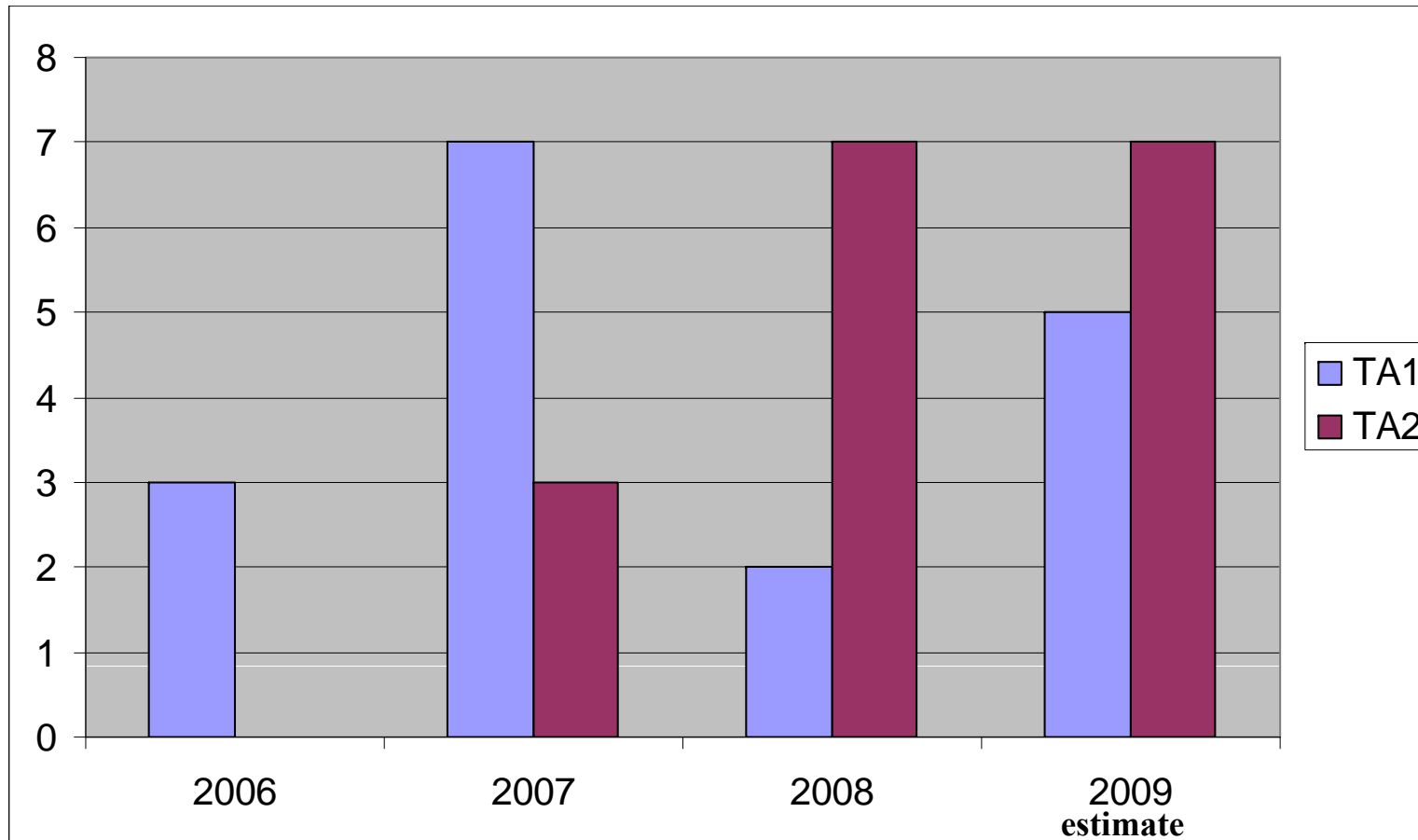
- **Contract extension:**
 - **increase of TA1 by +25%**
 - **increase of TA2 by +50% (all into BTELE)**



Status TA



Number of TA-Projects 2006 to 2009 (estimate)



2008: shutdown of DESY testbeam January - October

2009: informal requests for several sLHC projects

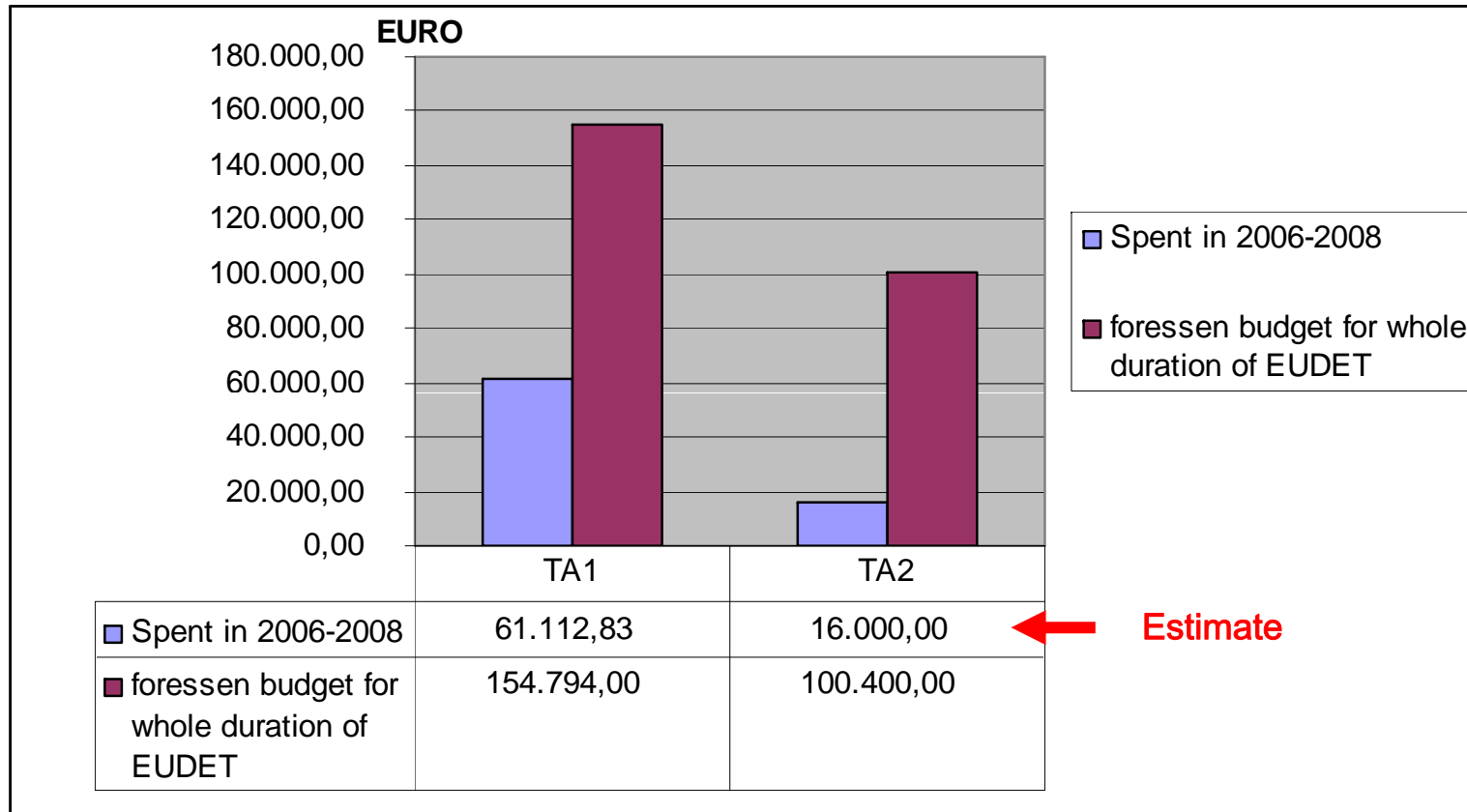
TA2: so far only BTELE

we have to extend it to other the other JRA2 & JRA3 infrastructures!

Status TA



Comparison of TA actual costs in 2006-2008 with the foreseen TA-Budget



Conclusion: sufficient resources available to sustain TA at the current rate until end of 5th year (EUDET extension)



Preparation Annual Report 2008

- Proposed time table, approved by Institution Board
- Will be **STRICTLY** enforced

Responsibles	Action	Deadline
I3 Coordinator	Submission of Annual Report to Brussels	13.02.2009
All	Final feedback to Annual Report	06.02.2009
IB Members	Signed final versions of financial forms at DESY	06.02.2009
I3 Coordinator	Final draft of Annual Report distributed	02.02.2009
JRA/NA2 Coordinators & Task Leaders	Final input for scientific part (progress report)	23.01.2009
I3 Coordinator	First draft Annual Report	16.01.2009
IB Members	Draft financial information (Form C & Appendix 1) incl. new implementation plan	16.01.2009
JRA/NA2 Coordinators & Task Leaders	Input for scientific part: progress report & complete lists of talks and papers	19.12.2008
All	EUDET memo/report on Annual Meeting talks	28.11.2008

- As usual, we'll prepare a web page with further info, documents, etc.



Summary and Conclusion

■ Management

- contract extension & amendment prepared
- documentation improved, but needs more efforts

■ Transnational Access

- improving, good prospects for 2009
- TA2 started
- needs continuous efforts

■ Annual Report 2007

- failed again
- 3rd instalment still pending

■ Preparation Annual Report 2008

- schedule as last year
- **try to provide input as early as possible**

We have to achieve a lot of milestones until the end of this year!!!

Backup

EUNET Management



- **Contract Amendment:**
 - to be decided tomorrow by IB

1) The duration specified in Article 4.2 of the contract is modified as follows: New duration - five years from 01.01.2006 until 31.12.2010.

- The 5th year is intended to exploit the EUNET infrastructures, including TA. Therefore there are only few changes of milestones:

- a) under NA1, NA2 were added the 5th Annual Meeting and Report
- b) all final reports have been moved to the 5th year.

All other milestones and deliverables are unchanged with respect to the Annual Reports 2006/2007

- The financial implementation plan has been changed only for DESY, thereby some financial resources have been moved to the 5th year (management, TA1 and TA2 budgets and NA2 EXCHG travel budget).

- The total human effort in the management has been increased +3ppm from JRAs +6ppm –Coordinator.

Note: we need a third audit certificate for 2010!

EUDET Management



▪ Accepting new partner

2) due to the moving of the working group from the Mannheim University to the Heidelberg University, which is up to now not a member of the consortium –we would like to accept University of Heidelberg as a new Contractor with Partner No. 24 and short name UHEI.

As of 1.01.2008 all contracted obligation und the unspent EC contribution are moved from UMA to UHEI. This change has no impact on the schedule of the program.

The related budget has been changed as follow:

Originally foreseen EC contribution for UMA	87,760
UMA: Actual Costs for two years	- 39,175
Allocated budget for UHEI	48,586

EUDET Management



■ Accepting new associates

3) we would like to accept 4 new institution interested in the project as EUDET associates;

Institute of High Energy Physics, Vienna, Austria	HEPHY	DESY	Leading Austrian Institute of High Energy Physics	Participation in NA2,JRA2
Universitaet Siegen, Germany	USieg	DESY	German university	Participation in NA2,JRA2
Inter University Institute for High Energy Physics, Brussels	IIHE ULB-VUB	DESY	Institute grouping of two Belgian universities ULB (Université Libre de Bruxelles) and of the VUB (Vrije Universiteit Brussel)	Participation in NA2,JRA2
Johannes Gutenberg-University Mainz, Germany	UMAINZ	DESY	German university	Participation in NA2, JRA2

Two more institution are added to the partner INFN

Università di Roma La Sapienza, Italy	URom	INFN	Leading Italian institute for high energy physics.	Participation in NA2,JRA3
Laboratori Nazionali di Frascati, Italy	LFrasc	INFN	Leading Italian institute for high energy physics.	Participation in NA2,JRA1

EUDET Management



▪ Changes in budget

4) Some small transfers of EC budget mutually agreed between the partners concerned.

- 1) 6.622,23 € from UNI-GE to UNIVBRIS (JRA1, Reimbursement for TLU Modules)
- 2) 5.500 € from DESY to CNRS (JRA1, DAQs)
- 3) 5.500 € from UNI-GE to CNRS (JRA1, DAQs)
- 4) 30 k€ from DESY to UNI_GE (JRA1, temporary staff)
- 5) 12 k€ travel money from UHAM to DESY (JRA3)
- 6) From UMA 48.585,50 Euro to UHEI. The sum of EC contribution for UMA and UHEI remain 87.760 k€ as originally allocated to UMA.
- 7) 40 k€ from DESY TA2 to DESY NA2

We have prepared a revised version of Annex I,
the filled Forms B, A2a-A2c and
CPF-Tables modified according to the changes in the list of
participants and the budget table.

None of the modifications has an impact on the implementation plan or the
accomplishing of the deliverables.

▪ Now in total

- 24 partner
- 27 associates