



EuCARD Governing Board

European Coordination for Accelerator Research and
Development

1ST ANNUAL RESOURCE UTILISATION REPORT (APRIL 2009 – FEBRUARY 2010)

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Table of Contents

1. Financial reporting in EuCARD (background information)	1
2. Overview of the EuCARD budget.....	1
3. Use or resources by Work Package (M1 to M11).....	3
4. Use or resources by Participant (M1 to M11).....	4

1. Financial reporting in EuCARD (background information)

There are two reporting lines in the project: (1) formal reporting to the EC and (2) internal reporting on the use of resources.

(1) Reporting to the EC

At the end of each Reporting Period (M18, M36, M48), each participant has to submit to the EC a Cost Claim with its eligible costs for the period. These costs, if accepted by the EC, shall be reimbursed, within the limits of the maximum EC contribution.

The Coordinator has negotiated with the EC a special mode of financial reporting for EuCARD, which consists of reporting only a fraction of the full costs, sufficient to justify the EC contribution. In total, it is expected that the Consortium will have to report and justify to the EC eligible costs for about 13-14 M€ instead of 31 M€, which is the overall budget of the project according to Annex I of the Grant Agreement (including the overheads).

(2) Internal reporting on the use of resources

According to the terms of the Consortium Agreement, at the end of each semester the participants have to submit to the Coordinator a cumulative summary of the estimated full costs and man-power utilization.

These Resource Utilisation Summaries will be used by the Coordination Office, WP Leaders and the Governing Board to follow up the complete use of resources (full costs) per WP, per participant, and for the project as a whole.

These internal reports will allow identifying potential issues, i.e. partners that are largely under-spending or over-spending the resources foreseen, and in such case(s) solutions will be sought in due time.

This document contains a summary of the estimated full costs for the first 11 months of EuCARD, i.e. from April 2009 to February 2010.

2. Overview of the EuCARD budget

The following tables give the estimated budget breakdown per Work Package and per participant, respectively. The second table includes the minor budget adjustments in WP7 and WP10, approved by the Governing Board in the beginning of 2010.

WP no.	Activity	WP short title	Total cost (k€)	EC funding (k€)
1	MGT	Project Management	831	22
2	NA	DCO	273	137
3	NA	NEU2012	548	278
4	NA	AccNet	998	594
5	TA	HiRadMat@SPS	287	59
6	TA	MICE	482	222
7	RTD	HFM	6,438	2,057
8	RTD	ColMat	4,090	1,279
9	RTD	NCLinac	6,562	2,001
10	RTD	SRF	7,730	2,416
11	RTD	ANAC	3,004	0,934
Total (k€)			31,244	10,000

Table 1. Estimated EuCARD budget per Work Package

Table 2. Consortium budget per participant as of 1 January 2010 (in euros)

	1: Project Management	2: DCO	3: NEU2012	4: AccNet	5: HiRadMat @SPS	6: MICE	7: HFM	8: ColMat	9: NCLinac	10: SRF	11: ANAC	Project Share (€)	EC Contribution
CERN	831,360	111,200	206,352	507,155	287,380	0	2,199,840	1,658,813	1,197,728	684,320	344,640	8,028,788	2,369,124
AIT	0	0	0	0	0	0	0	61,880	0	0	0	61,880	30,940
HZB	0	0	0	0	0	0	0	0	0	281,050	0	281,050	76,000
BNP	0	0	0	0	0	0	0	0	0	0	90,312	90,312	31,150
GEA	0	0	0	0	0	0	1,838,643	0	0	1,521,063	0	3,359,706	1,033,895
CIEMAT	0	0	0	0	0	0	0	0	379,080	0	0	379,080	114,000
CNRS	0	0	0	92,202	0	0	328,582	0	470,034	767,865	505,525	2,164,208	697,570
COLUMBUS	0	0	0	0	0	0	88,320	0	0	0	0	88,320	28,300
CSIC	0	0	0	0	0	0	0	104,020	0	0	0	104,020	31,206
DESY	0	0	0	199,544	0	0	0	0	0	1,244,480	0	1,444,024	498,290
BHTS	0	0	0	0	0	0	82,324	0	0	0	0	82,324	29,000
EPFL	0	0	0	0	0	0	0	105,280	0	0	0	105,280	78,960
FZD	0	0	0	0	0	0	0	0	0	281,050	0	281,050	76,000
KIT	0	0	0	0	0	0	349,774	0	0	0	0	349,774	121,100
GSI	0	0	0	0	0	0	0	1,376,466	0	0	0	1,376,466	412,250
IFJ PAN	0	0	0	0	0	0	0	0	0	60,800	0	60,800	24,320
INFN	0	0	75,200	0	0	0	200,320	329,600	366,848	257,920	996,771	2,226,659	690,595
IPJ	0	0	0	0	0	0	0	0	0	319,480	0	319,480	125,860
POLITO	0	0	0	0	0	0	0	192,340	0	0	0	192,340	57,702
PSI	0	0	0	0	0	0	0	0	342,480	0	0	342,480	103,000
PWR	0	0	0	0	0	0	489,120	0	0	0	0	489,120	244,600
RHUL	0	0	0	0	0	0	0	30,400	681,616	0	0	712,016	216,220
RRC KI	0	0	0	0	0	0	0	151,200	0	0	0	151,200	45,000
SOTON	0	0	0	0	0	0	113,280	0	0	0	0	113,280	36,434
STFC	0	0	0	0	0	481,812	538,920	0	222,337	251,275	1,067,100	2,561,444	843,700
TUL	0	0	0	0	0	0	0	0	0	374,800	0	374,800	149,920
TUT	0	0	0	0	0	0	88,960	0	0	0	0	88,960	26,700
UH	0	0	0	0	0	0	0	0	824,320	0	0	824,320	249,000
UJF	0	0	0	199,544	0	0	0	0	0	0	0	199,544	125,900
ULANC	0	0	0	0	0	0	0	16,000	0	564,070	0	580,070	175,920
UM	0	0	0	0	0	0	0	48,480	0	0	0	48,480	14,544
UNIGE	0	0	266,592	0	0	0	120,000	0	0	0	0	386,592	151,700
UNIMAN	0	0	0	0	0	0	0	16,000	741,419	563,680	0	1,341,099	396,900
UOXF-DL	0	0	0	0	0	0	0	0	600,960	0	0	600,960	182,700
UROS	0	0	0	0	0	0	0	0	0	279,680	0	279,680	83,900
UU	0	0	0	0	0	0	0	0	735,296	0	0	735,296	220,300
WUT	0	161,402	0	0	0	0	0	0	0	258,000	0	419,402	207,300
Totals (€)	831,360	272,602	548,144	998,445	287,380	481,812	6,438,083	4,090,479	6,562,118	7,729,533	3,004,348	31,244,304	10,000,000

3. Use or resources by Work Package (M1 to M11)

WP	Full costs (€)			Person-months		
	M1-M11	Total budget	% of budget used	M1-M11	Total PM planned	% of PMs used
WP01	258,027	831,360	31%	21.0	84.0	25%
WP02	43,550	272,602	16%	9.3	24.0	39%
WP03	34,089	548,144	6%	3.1	45.8	7%
WP04	258,031	998,445	26%	19.6	24.7	80%
WP05	800	287,380	0%	0.0	3.0	0%
WP06	0	481,812	1%	0.0	3.0	0%
WP07	1,031,500	6,438,083	16%	103.9	446.0	23%
WP08	495,810	4,090,479	12%	67.7	315.4	21%
WP09	1,287,437	6,562,118	20%	136.1	593.2	23%
WP10	1,390,254	7,729,534	18%	138.8	529.5	26%
WP11	639,231	3,004,348	21%	90.2	258.9	35%
Totals:	5,438,729	31,244,304	17%	589.7	2327.5	25%

Table 3. Use of resources - full costs (including overheads) and person-months used per Work Package

Table 3 above and Figure 1 below show the utilisation of resources per Work Package. Assuming a uniform activity and spending profile during the lifetime of the project, the values for “total budget” and “total PM planned” divided by 4 (project duration = 4 years) give to a first approximation the expected costs and man-power utilisation for the first year of EuCARD (shown in red flat line in Figure 1).

In terms of overall budget, WP1 is slightly over-spending the planned resources; WP4, WP9, WP10 and WP11 are in line with a uniform spending profile; WP2 and WP7 are slightly under-spending, whereas WP3 and WP8 are significantly under-spending for the moment. WP5 has not yet started, and there is no financial data for WP6 (MICE) yet, where transnational access activities have been carried out according to the planning.

In terms of man-power utilisation, WP2 and especially WP4 are over-spending; WP1, WP7, WP8, WP9, WP10 and WP11 are in line with a flat spending profile, whereas WP3 is significantly under-spending. There is no information for WP6 yet (MICE).

Overall, both in terms of full costs (5.4 M€ out of 31.2€ planned) and man-power utilisation (590 p-m out of 2,327 p-m planned), the project is well in line with a uniform annual spending profile.

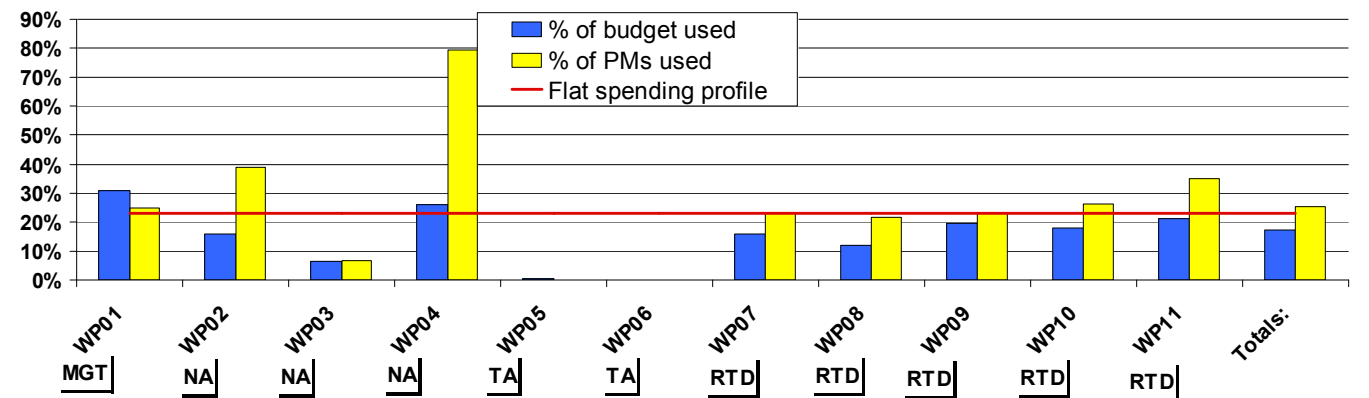


Figure 1. Use of resources - full costs incurred and person-months used per Work Package, in percentage of the total budget and man-power foreseen

4. Use or resources by Participant (M1 to M11)

No.	Partner	Full costs (€)			Person-months		
		M1-M11	Total budget	% of budget used	M1-M11	Total PM planned	% of PMs used
1	CERN	1,196,874	8,028,788	15%	97.8	507.0	19%
2	AIT	20,050	61,880	32%	0.7	4.0	18%
3	HZB	29,355	281,050	10%	5.2	10.0	52%
4	BINP	34,200	90,312	38%	17.0	24.5	69%
5	CEA	439,591	3,359,706	13%	35.2	224.5	16%
6	CIEMAT	43,236	379,080	11%	4.5	32.0	14%
7	CNRS	432,782	2,164,208	20%	45.1	179.8	25%
8	COLUMBUS*	0	88,320	0%	0.0	4.0	0%
9	CSIC	10,906	104,020	10%	0.6	18.0	3%
10	DESY	272,668	1,444,024	19%	20.0	78.6	25%
11	BHTS	8,198	82,324	10%	0.5	4.0	13%
12	EPFL	48,832	105,280	46%	5.8	8.4	69%
13	FZD	49,350	281,050	18%	4.0	16.0	25%
14	KIT	15,280	349,774	4%	1.0	16.0	6%
15	GSI	137,431	1,376,466	10%	19.0	116.0	16%
16	IFJ PAN	7,296	60,800	12%	1.8	8.0	23%
17	INFN	364,553	2,226,659	16%	39.9	204.0	20%
18	IPJ	74,100	319,480	23%	12.2	26.0	47%
19	POLITO	33,585	192,340	17%	3.5	14.0	25%
20	PSI	77,687	342,480	23%	5.8	15.0	39%
21	PWR	56,194	489,120	11%	7.5	49.0	15%
22	RHUL	93,860	712,016	13%	10.5	53.0	20%
23	RRC KI	17,550	151,200	12%	8.0	35.0	23%
24	SOTON	12,986	113,280	11%	1.2	12.0	10%
25	STFC	1,059,758	2,561,444	41%	111.9	119.0	94%
26	TUL	54,560	374,800	15%	11.2	38.0	29%
27	TUT	47,272	88,960	53%	8.0	8.0	100%
28	UH	173,194	824,320	21%	22.4	112.0	20%
29	UJF	11,368	199,544	6%	0.8	5.6	14%
30	ULANC	49,909	580,070	9%	10.0	42.5	24%
31	UM	13,072	48,480	27%	3.3	12.0	28%
32	UNIGE*	46,405	386,592	12%	4.0	30.6	13%
33	UNIMAN**	0	1,341,099	0%	0.0	120.0	0%
34	UOXF-DL	178,825	600,960	30%	22.0	53.0	42%
35	UROS	56,608	279,680	20%	15.8	24.0	66%
36	UU	212,800	735,296	29%	26.0	68.0	38%
37	WUT	58,394	419,402	14%	7.6	36.0	21%
Totals:		5,438,729	31,244,304	17%	589.7	2,327.5	25%

* Annual financial report not yet submitted.

** No costs incurred during the first year of the project.

Table 4. Use of resources - total costs incurred and person-months used per participant

Table 4 above and Figure 2 below show the utilisation of resources per Participant.

Assuming a uniform spending profile during the 4 years of the project, the following beneficiaries are significantly over-spending:

BINP, EPFL, STFC and TUT

Several participants have used more man-power in the first year, but the overall resources are in line with a flat spending profile:

HZB, IPJ, PSI, TUL, UOXF, UROS and UU

The following beneficiaries are more or less in line with a uniform expenditure profile (both overall costs and man-power):

CERN, AIT, CNRS, DESY, FZD, INFN, POLITO, UH, UM

The following beneficiaries are under-spending for the moment, mainly in terms of full costs:

CEA, CIEMAT, Columbus*, CSIC, BHTS, KIT, GSI, IFJ PAN, PWR, RHUL, RRC-KI, SOTON, UJF, ULANC, UNIGE*, WUT.

* Columbus and UNIGE have not yet submitted their annual resource utilisation reports, and the data used are the one provided for the first semester only.

The activities of SOTON and COLUMBUS started in September 2009 only, so these participants are expected to have lower costs reported for the first year of the project

UNIMAN has not started yet EuCARD activities and no costs have been incurred to the project.

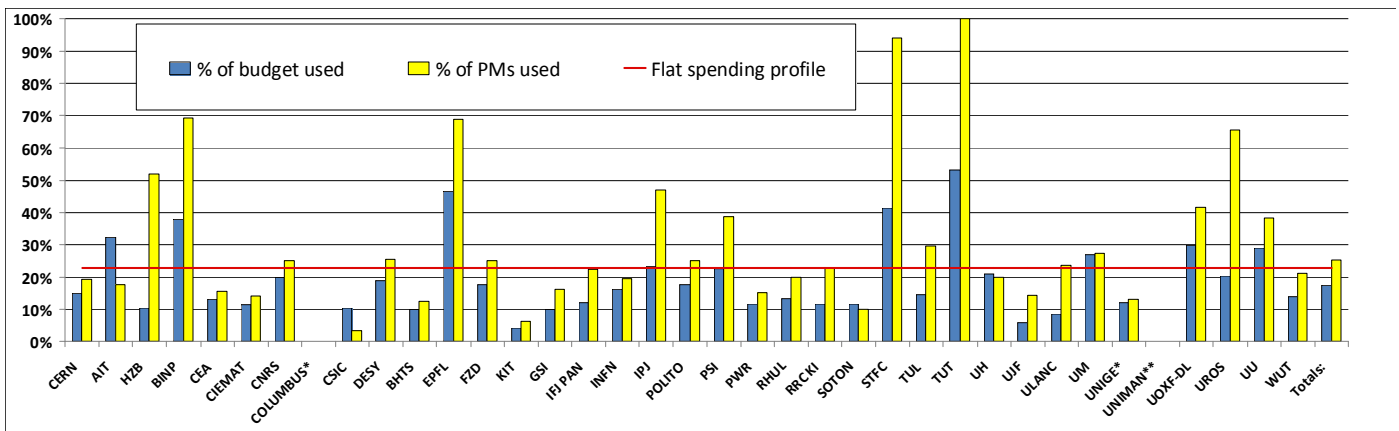


Figure 2. Use of resources - total costs incurred and person-months used per Participant, in percentage of the total budget and man-power foreseen