

# COMPUTING

## Resources Review Board

18 October 2005

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### Financial Position of LCG

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# 1. LHC Computing Funding and Expenditure – Phase 1

## 1.1 Financial Position as at 15/09/2005 (LCG Funding Agencies)

(All figures are rounded and in kCHF)

	Expected contributions until 2005 <sup>(1)</sup> (a)	Contributions received <sup>(2)</sup> (b)	Expenditure (commitments)					Balance (h) = (b)-(g)										
			Cash		In kind	Total			TOTAL (g) = (f)+(d)									
			Material	Personnel	Material <sup>(2)</sup>	Material	Personnel											
			(c)	(d)	(e)	(f) = (c)+(e)	(d)											
<b>Japan - Uni Tokyo</b>		<b>T106400-T257400</b>																
2001-2003		190			190	190				190								
2004		101			101	101				101								
2005		100			100	100				100								
<b>Total</b>	<b>391</b>	<b>391</b>			<b>391</b>	<b>391</b>				<b>391</b>								<b>0</b>
<b>Academia Sinica Taipei</b>		<b>T223900</b>																
2001-2003		30			30	30				30								
2004																		
2005																		
<b>Total</b>	<b>30</b>	<b>30</b>			<b>30</b>	<b>30</b>				<b>30</b>								<b>0</b>
<b>US-LHC</b>		<b>T269500</b>																
2001-2003																		
2004		323			323	323				323								
2005																		
<b>Total</b>	<b>323</b>	<b>323</b>			<b>323</b>	<b>323</b>				<b>323</b>								<b>0</b>
<b>Greece NCSR D</b>		<b>T298000</b>																
2001-2003																		
2004																		
2005																		
<b>Total</b>																		<b>0</b>
<b>Hungary - KFKI RMKI</b>		<b>T298100</b>																
2001-2003		295		156					156	156								
2004				81					81	81								
2005				45					45	45								
<b>Total</b>	<b>295</b>	<b>295</b>		<b>282</b>					<b>282</b>	<b>282</b>								<b>12</b>
<b>UK - EPSRC</b>		<b>T298200</b>																
2001-2003		211		207					207	207								
2004		16		20					20	20								
2005																		
<b>Total</b>	<b>227</b>	<b>227</b>		<b>227</b>					<b>227</b>	<b>227</b>								<b>0</b>
<b>UK - PPARC</b>		<b>T298300</b>																
2001-2003		6 025	1 584	4 781					1 584	4 781	6 365							
2004		3 260		3 175					3 175	3 175	3 175							
2005		3 078	1 217	1 698					1 217	1 698	2 915							
<b>Total</b>	<b>12 800</b>	<b>12 362</b>	<b>2 800</b>	<b>9 654</b>					<b>2 800</b>	<b>9 654</b>	<b>12 454</b>							<b>- 92</b>
<b>Belgium - FNRS</b>		<b>T298350</b>																
2001-2003		200	36						36		36							
2004		100	111						111		111							
2005			4						4		4							
<b>Total</b>	<b>400</b>	<b>300</b>	<b>151</b>						<b>151</b>		<b>151</b>							<b>149</b>

	Expected contributions until 2005 <sup>(1)</sup> (a)	Contributions received <sup>(2)</sup> (b)	Expenditure (commitments)					Balance (h) = (b)-(g)	
			Cash		In kind	Total			
			Material	Personnel	Material <sup>(2)</sup>	Material	Personnel		TOTAL
			(c)	(d)	(e)	(f) = (c)+(e)	(d)		(g) = (f)+(d)
<b>Finland HIP</b>		<b>T298360</b>							
2001-2003		50							
2004		50	35			35		35	
2005									
<b>Total</b>	<b>100</b>	<b>100</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>35</b>	<b>65</b>
<b>Spain CICYT</b>		<b>T298370</b>							
2001-2003		450	200			200		200	
2004			224			224		224	
2005									
<b>Total</b>	<b>600</b>	<b>450</b>	<b>424</b>	<b>0</b>	<b>0</b>	<b>424</b>	<b>0</b>	<b>424</b>	<b>26</b>
<b>Germany - Karlsruhe<sup>(3)</sup></b>		<b>T298380</b>							
2001-2003									
2004		289		328			328	328	
2005		351		365			365	365	
<b>Total</b>	<b>860</b>	<b>640</b>	<b>0</b>	<b>693</b>	<b>0</b>	<b>0</b>	<b>693</b>	<b>693</b>	<b>- 53</b>
<b>Sweden - SRC</b>		<b>T298500</b>							
2001-2003		273	15	104		15	104	118	
2004		142		101		0	101	101	
2005				53		0	53	53	
<b>Total</b>	<b>415</b>	<b>415</b>	<b>15</b>	<b>257</b>	<b>0</b>	<b>15</b>	<b>257</b>	<b>272</b>	<b>143</b>
<b>Italy - INFN</b>		<b>T299000</b>							
2001-2003		2 157	142	781		142	781	923	
2004		952	533	810		533	810	1 343	
2005		6	738	764		738	764	1 502	
<b>Total</b>	<b>4 820</b>	<b>3 115</b>	<b>1 413</b>	<b>2 355</b>	<b>0</b>	<b>1 413</b>	<b>2 355</b>	<b>3 768</b>	<b>- 653</b>
<b>Israel - SPTA</b>		<b>T301970</b>							
2001-2003		500		301		0	301	301	
2004				161		0	161	161	
2005		75		56		0	56	56	
<b>Total</b>	<b>575</b>	<b>575</b>	<b>0</b>	<b>517</b>	<b>0</b>	<b>0</b>	<b>517</b>	<b>517</b>	<b>58</b>
<b>India</b>		<b>T831500</b>							
2001-2003		50		12		0	12	12	
2004				18		0	18	18	
2005		30		29		0	29	29	
<b>Total</b>	<b>80</b>	<b>80</b>	<b>0</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>58</b>	<b>58</b>	<b>22</b>
<b>Total 2001-2003</b>		<b>10 430</b>	<b>1 976</b>	<b>6 342</b>	<b>220</b>	<b>2 196</b>	<b>6 342</b>	<b>8 538</b>	
<b>Total 2004</b>		<b>5 234</b>	<b>903</b>	<b>4 693</b>	<b>424</b>	<b>1 327</b>	<b>4 693</b>	<b>6 020</b>	
<b>Total 2005</b>		<b>3 639</b>	<b>1 959</b>	<b>3 009</b>	<b>100</b>	<b>2 059</b>	<b>3 009</b>	<b>5 068</b>	
<b>Grand Total</b>	<b>21 916</b>	<b>19 303</b>	<b>4 838</b>	<b>14 044</b>	<b>744</b>	<b>5 582</b>	<b>14 044</b>	<b>19 626</b>	<b>- 323</b>
<b>In kind Materials</b>	<b>744</b>								
<b>Personnel</b>	<b>15 471</b>								
<b>Materials</b>	<b>5 701</b>								

(1) Including 744 kCHF in kind material contributions

(2) Excluding 85 kCHF in kind materials from Enterasys

(3) In addition Germany provided 3742 kCHF via the CERN budget in 2002 and 462 kCHF for in kind personnel.

## 1.2 Financial Position as at 15/09/2005 (CERN Budget)

(All figures are rounded and in kCHF)

		Budget	Expenditure		Balance
		(a)	Paid	Outstanding Commitments	(d)=a-(b+c)
			(b)	(c)	
2000/2001	Materials	8 461	8 461		-
	Personnel	7 574	7 574		-
2002	Materials *	9 922	9 922		-
	Personnel	9 781	9 781		-
2003	Materials	7 583	7 583		-
	Personnel	12 296	12 296		-
2004	Materials	7 474	7 474		-
	Personnel	12 647	12 647		-
2005	Materials	7 710	2 582	1 673	3 455
	Personnel	11 895	8 097		3 798

\* A special contribution from Germany, amounting to 3742 kCHF, is included in the budget

## 2. LHC Computing Expenditure – Phase 2

(Situation as at 30/09/2005 - All figures are rounded and in kCHF)

	2005 Commitments	2005 Year End Estimates
- Personnel	611	1 540
- Materials	1 420	1 420
<i>(Tier 0 and CERN Analysis Facility)</i>	<i>1 420</i>	<i>1 420</i>
<b>Total Expenditure</b>	<b>2 031</b>	<b>2 960</b>