



Introduction

- This document summarizes the preliminary funding requirements for payments planned in 2003 to follow the CMS construction schedule.
- In 2003, the magnet and all subdetectors will be in construction, including the Data Acquisition system.
- The Technical Design Report of the latter is expected to be approved by the end of 2002.



Introduction

- The figures shown as "Payments expected in 2003" are tentative at this stage because they have not yet been discussed or agreed by the Funding Agencies.
- This report provides timely information to the RRB and input for further discussions with the Funding Agencies to prepare the "Draft Budget for the Year 2003" which will be submitted for approval to the RRB meeting in October.



Comments

- The present Preliminary Draft Budget differs from the ones of previous years:
 1. Commissioning & Integration has been included as a new item, Annex 9.
 2. A "Cost to Completion" item has been included, Annex 10.
 - This should eventually be absorbed in the construction once the Financial Plan (cf. CERN-RRB-2002-010) is finalized.
 3. Both items are summarized in Annex 11.



Overview of 2003 Construction Budget

Income Expected - Planned Payments	Planned payments										
	Income expected in 2003 plus funds from 2002										
	Funds expected to be carried forward from 2002										
	Magnet	Tracker	Electromagnetic Calorimeter	Hadron Calorimeter	Muon Detector	Trigger and Data Acquisition	Offline Computing	Infrastructure	Commissioning & Integration	Cost to Completion	TOTALS
	-0.3										-0.3
	8.9	24.2	21.6	2.8	13.0	3.3	0.3	5.0			79.0
	6.8	27.2	24.4	2.8	13.0	3.3	0.3	6.0	5.0	6.7	95.3
	2.1	-2.9	-2.7					-1.0	-5.0	-6.7	-16.3

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Comments

- Common Fund: under the present assumptions (carry-forward from 2002, outstanding contributions up to 2002, income and expenditures 2003), the CMS Common Fund will have a positive balance
- Tracker, ECAL, Infrastructure and C&I are all at present underfunded with respect to their needs to keep to the technical schedule:
 - Tracker: -2.9 MCHF
 - ECAL: -2.7 MCHF
 - Infrastructure: -1 MCHF
 - C&I: -5 MCHF

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Annex 11 of CERN-RRB-2002-008 summarizes the Preliminary Draft Budget for 2003 by Funding Agency and by subsystem.

The exact request for 2003 depends on the Cost to Completion and C&I :

The finalization of the Financial Plan (cf. CERN-RRB-2002-010) will have an impact on the Draft Budget 2003.