

Report from CERN council



- ▶ Medium Term Plan
- ▶ New Projects 2009 – 2013
- ▶ Global cooperations
- ▶ New directorate
- ▶ European Strategy session of Council

Medium Term Plan



Medium Term Plan (MTP) for 2009 to 2013 and budget 2009

- For the first time scientific plans, resource plans for this period and
 - the budget for the following year could be discussed and approved together
- Each scientific project is described by a one page fact sheet, which includes
 - clear goals and targets for given periods, organisation, risks
 - clear definition of CERNs contribution etc.
- Annual budget had been increased by about 6% (half of it from host states) for 2008 to 2011, in 2009 this will amount to 1139 MCHF.
- Presently and until 2011 this will be used for
 - About 65% for base programmes
 - About 10% for new projects
 - About 25% for capital repayments (LHC construction).

New Projects 2009 - 2013



- CLIC (3%): construction and operation of CTF3, prepare CDR by 2010
- LINAC4 (1%): 160 MeV H- linear accelerator replacing LINAC2 as injector for PSB and later for SPL. To be operational in 2013
- New LHC focus quadrupoles (0.5%): NbTi, to be operational in 2013
- R&D for accelerators, computing, electronics and detectors (1%):
- Preparing the LHC injection line renewal (3%): to be operational in about 2017
 - SPL and PS2
 - Essential part of s-LHC.
 - Also needed for high intensity physics
 - Construction starts 2012
- Consolidation of infrastructure (4%): long list of items
 - Buildings, roads, cooling and ventilation
 - Electrical power distribution, computing network

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“International agreements between CERN and non-member states”

CERN presently has member states (20), associate states (none), observer states (6 states + 2 organisations), of which 3 are special observers (LHC) and international cooperation agreements (40 states)

- New report describes, how CERN will deal with new ICAs.
- Contains also interesting strategic statements like
 - “relations with non-member states continue to grow, reflecting increased globalisation...”
 - “global laboratory that carry ... most of the world's hopes for the ... understanding of matter ... and the evolution of the universe”
 - “ ... preparing the ground for future accelerator projects ...”
 - “...global pattern of collaboration...”

Strategy to become the world laboratory for accelerator based particle physics

New directorate from 2009 onwards



Plans of Rolf Heuer, approved by council:

- The Core Directorate will be created consisting of the Director-General and three directors:
 - Director for Research and Computing
 - Director for Accelerators and Technology
 - Director for Administration and General Infrastructure.
- A coordinator for external relations will be nominated, who will be directly attached to the Director-General.
- A Directorate Office will be created, consisting of three scientists, working for and together with the Directorate.
- The Enlarged Directorate will include the Department Heads.

Names are proposed by the new DG, and to be approved by the next council

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Other items

- Romania is a candidate for a new member state
- A technology transfer network is to be created
- A communication network has been created
- Pension fund
- etc.

- And of course not to forget: LSAG, black holes and Prof. Roesslerer

European Strategy Session



Originally assumed to take place once per year

Already 3 sessions since December 2007

So far typically dealt with its own organisation

Elected Steinar Stapnes to its scientific secretary

Strategy items being discussed:

- Relation to ESFRI roadmap
- Relation with ApPEC
- Relation with European Commission
- FALC

next time:

- FP7 R&D projects
- Super B factory project

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