



# LHC Computing Grid Project – LCG

## LCG Planning for 2005

PEB - 14 December 2004  
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# Requirements & Models

- **December 2004**
  - Experiment requirements and computing models published – 15dec04
    - Reviewed by LHCC – 17-19 January 2005
    - Recommendations to February LHCC (2-3feb05)?
  - Develop high level plan for the ramp-up to 2007, with service and computing challenges
    - Today's PEB – very high level
    - Takes account of feedback from GDB, experiments
    - Need agreement in principle now – to begin to flesh thos out in January
  
- **Feb/March – Fabric & Grid workshop on the computing models**



# Phase 2 Planning Group

First quarter 2005 –

- Following the LHCC review –
    - Refresh the T-1 tables
    - T-2 data collection
    - Understand the probable Tier-2/Tier-1 relationships
    - Update the WAN network tables
    - Estimate internal data access patterns, performance for different types of data (disk, tape)
    - Estimate internal network data rates at T0/T1s
    - Agree service definitions –
      - CERN “Analysis Facility“
      - Each Tier-1 centre
      - Sample T2s
    - Update share between experiments at Tier-1s (if this is possible)
- DRAFT annexes / background for the MoU in April
- TDR



## Other major items

- March 05 - Detailed plan for the service challenges
  - → GDB, PEB
- March 05 – Phase 2 Applications Area plan
- April 05 - Initial plan for Tier-0/1/2 networking
- May 05 – GDB proposal for middleware evolution
- MoU Task Force – prepare “final” version of the LCG MoU
  - April 2005 → C-RRB
- End June 05 – Technical Design Report
  - Detailed plan for installation and commissioning the LHC computing environment
- September 05 – final installation and commissioning plan
  - → GDB, PEB
- October 2005 – C-RRB – agencies should have all the information they need to sign the MoU