

| Accounting Tier 1. Sources: WLCG monthly report and ALICE MonALisa report, April 2008 |                    |                           |                |                |                |          |                    |       |
|---|--------------------|---------------------------|----------------|----------------|----------------|----------|--------------------|-------|
| CPU   |                    |                           |                |                |                |          |                    |       |
| Tier 1  | WLCG T1 accounting |                           |                | ALICE MonALisa |                |          | 2008 C-RRB Pledges |       |
|   | Total Pledged      | Delivered to ALICE (wall) | Fraction total | Pledged        | Delivered Wall | Fraction | All                | ALICE |
|   | KSI2K              | KSI2K                     | %              | KSI2K          | KSI2K          | %        | KSI2K              | KSI2K |
| CERN Tier-0+CAF   | 15'851             | 1'668                     | 46%            | 1602           | 801*           | 50%      | 15'851             | 2'300 |
| CCIN2P3   | 1'733              | 506                       | 52%            | 1060           | 387            | 37%      | 5'740              | 1'060 |
| CNAF  | 1'475              | 49                        | 41%            | 660            | 24             | 4%       | 3'000              | 660   |
| FZK-GRIDKA  | 2'160              | 674                       | 45%            | 600            | 365            | 61%      | 5'672              | 2'500 |
| NDGF  | 906                | 149                       | 41%            | 602            | 187            | 31%      | 2'172              | 1'102 |
| NL LHC/Tier-1   | 2'014              | 41                        | 13%            | 475            | 145            | 31%      | 4'382              | 317   |
| RAL   | 1'505              | 25                        | 41%            | 132            | 51             | 39%      | 3'139              | 132   |

|            |        |       |     |  |  |  |      |
|------------|--------|-------|-----|--|--|--|------|
| CERN       | 15'851 | 1'930 | 84% |  |  |  | 2300 |
| CCIN2P3    | 4'240  | 506   | 61% |  |  |  | 830  |
| CNAF       | 3'000  | 49    | 7%  |  |  |  | 660  |
| FZK-GRIDKA | 4'522  | 674   | 27% |  |  |  | 2500 |
| NDGF       | 2'170  | 149   | 14% |  |  |  | 1102 |
| NL T1      | 4'380  | 179   | 56% |  |  |  | 317  |
| RAL        | 3'140  | 109   | 83% |  |  |  | 132  |

Pledge – all expts!

Value = acct wall for April /30

Wall/alice pledge

Missing:  
1) *installed* capacity  
2) Did ALICE send jobs?

# Comments

- Pledges in October were not complete – as noted in report
- Up to date Requirements and pledges at:
  - [http://lcg.web.cern.ch/LCG/planning/phase2\\_resources/P2PRCcaps260508.pdf](http://lcg.web.cern.ch/LCG/planning/phase2_resources/P2PRCcaps260508.pdf)
  - Correct pledges are given in accounting report (see box on top of each page)
- Cannot see from published tables what is actually the installed capacity – we need to see this
- ALICE “pledge” (from ML) cannot be different from MoU pledge!
  - so what is this number???
- in MoU we assume that 85% of cpu will be usable (CERN delivered 84% of ALICE pledge in wall time – but only 40% of that in cpu time)
  - Issue of low cpu/wall is not understood – and must be
- accounting is done on CPU time – ALICE table shows only wall time
- ALICE table shows a number of wrong values:
  - IN2P3/ALICE pledge, all total pledges (except CERN)
  - Wall delivered to ALICE from April accounting wrongly extracted for CERN, NL-T1, RAL
- Scaling factors applied by ALICE: must be understood to make a meaningful comparison

# Other points

- ALICE decided in May 2008 to increase data rate (& volume) by factor 5 for 2008
  - Resource pledges made last year
  - Purchase process takes ~ 1 year
  - Such changes cannot be taken into account by sites
  - ALICE must re-prioritise to manage this change
- Proof support?
  - Xrootd support? → has been stated several times that existing people have contracts until end EGEE-III. Longer term than that for these *individuals* cannot be guaranteed. Priorities for posts are continually reviewed.