



#### Pablo Saiz and Massimo Lamanna

On behalf of the Dashboard team:

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See also: LHCC referees meeting 29th of January 2007 and latest GDB meeting (10th of January 2007)



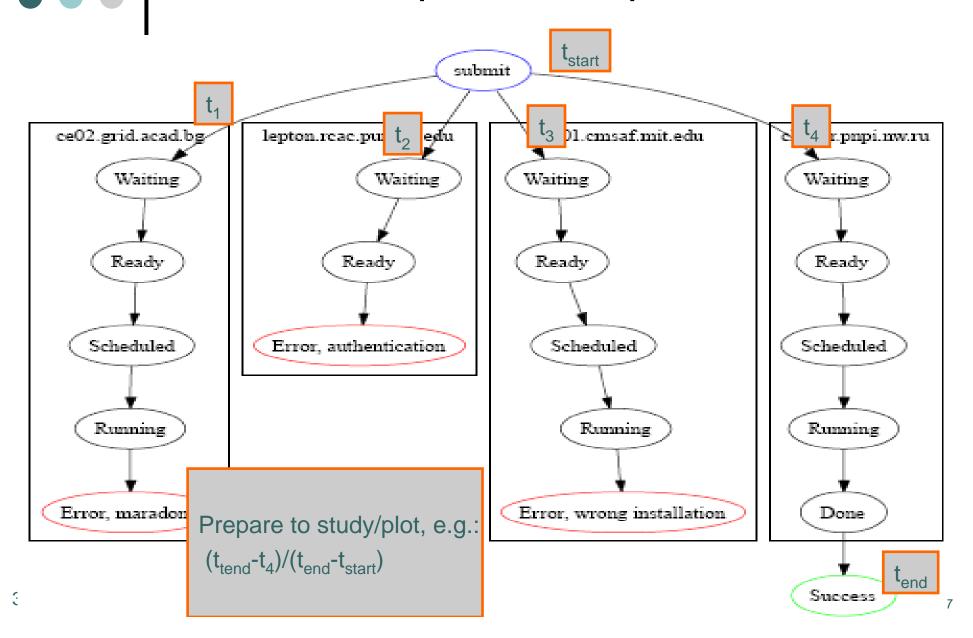
# • • Two different "views"

- Different "activities" to be considered
  - Analysis vs production, std submission vs pilot jobs
- Quality of Service:
  - Central concept: "job"
  - Success is eventual successful execution (modulo resubmission)
  - Wasted time? Wasted resources?
- Grid Reliability:
  - Central concept: "attempt"
  - 1 job fails once, it is automatically resubmitted and eventually succeed (transparent for user)
    - User view: OK (~Quality of Service)
    - Resource view: Bad (~Waste of Effort/Resources)

2



### Job round-trip: 4 attempts on 4 CEs

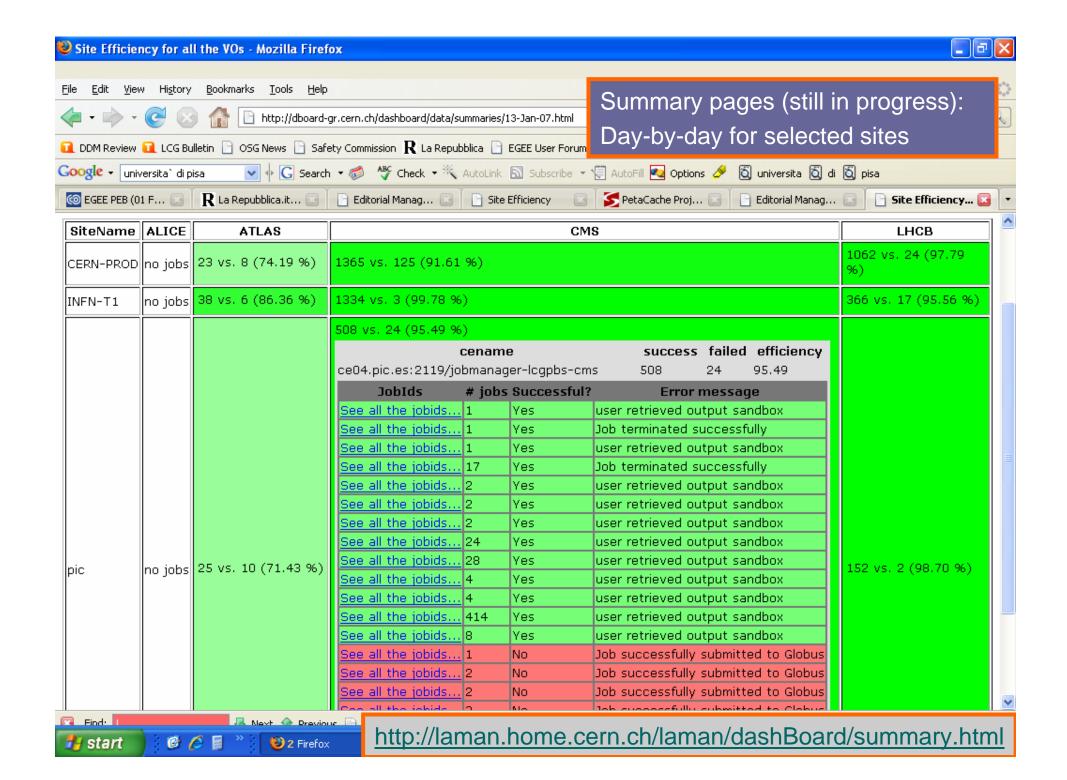




### Monthly reports (QoS)



DESY (January 2007) CMS users analysis





## • • How to use this information?

- Propose to publish this information
  - Correlation with SAM missing (in data base already)
  - Round-trip information interesting?
- Propose to agree with one person from a Tier1 before producing the first version
  - Tier1 only?
    - A-priori info for all sites can be extracted
  - The combination of QoS and daily view should be useful to improve the persormane of the centres
  - A couple of different activities to start with:
    - E.g. CMS CRAB (analysis) and LHCb production (pilot jobs)

IT/PSS/ED