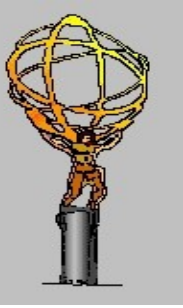- **Pledge : 2011 : 27 PB ; 2012 : ~30 PB**

  - **Deployed (4 Feb 2011) : 27.5 PB**

- **Buffer (TAPE,SCRATCH): 3 PB for all T1s**

- **Groups (Gathering from Tier2s) : 1 → 6 PB**

- **PRODDISK in Tier1 : 1 PB ?**

  - **→ 17 PB in 2011**

- **1 PB for Heavy-Ion data**

  - **→ 10 PB Data and 6 PB MC**

<u>Current usage : 10.6 PB (includes HI) + 6 PB MC</u>

- **No contingency for storage (should be ~80 %)**

- **Gain with big Tier2s : ~ 5 PB Data+MC**

Space in Tier1s to run

- **Estimation of 2011 data (very conservative)**

  - **1 copy RAW : 2.7 PB**

  - **1 copy ESD on Tier1 (60 days buffer) + copies on Tier2s:**

    - **Buffer of 60 days : N : 0.4 PB + N-1 : 0.4 PB → 0.8 PB**

    - **Small streams : 0.4 PB**

    - **Other copies in Tier2s → Do not include T2 in total space computation**

  - **2 AOD : 1. 6 PB (4 add. copies in T2s) (N/N-1)**

  - **DESD : 0.7 PB (DESD size ~ AOD size) (2 add. AODs)(only N)**

  - **Total 2011: 6.9 PB (full year) / 3.5 PB (½ year)**