

Pledges 2022

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Calcul ATLAS France (CAF) meeting
16th September 2021

- Pledges to be deployed by 1st April 2022 [*cric*]

	Pledge 2020 (HS06)	Pledge 2021 (HS06)	Pledge 2022 (HS06)
CC-IN2P3	134000	156780	180700
CPPM	18000	24000	24000
GRIF	47530	53320	59391
GRIF-IRFU	22600	23540	25904
GRIF-IJCLab	15000	16580	18411
GRIF-LPNHE	10000	13200	17223
LAPP	24000	30000	
LPC	13000	19000	
LPSC	14330	13579	11917
Beijing	8000	8000	8000
Hong-Kong	1000	1000	1000
Tokyo	44000	48000	52000
RO	40000	35000	35000

French T1 increase its cpu by 15% and represents 13.9 % of all T1 pledges
 French T2s increase their cpu by xx%

- Pledges to be deployed by 1st April 2022 [*cruc*]

	Pledge 2020 (TB)	Pledge 2021 (TB)	Pledge 2022 (TB)
CC-IN2P3	11100	14175	16240
CPPM	1800	2200	2200
GRIF	3920	4962	5510
GRIF-IRFU	1620	1945	2124
GRIF-LAL	1250	1507	1646
GRIF-LPNHE	1050	1510	1740
LAPP	2550	2940	
LPC	1500	1500	
LPSC	1150	734	734
Beijing	400	400	400
Hong Kong	1050	1050	1050
Tokyo	6400	7200	8000
RO-07	1600	2500	2500

CC-IN2P3

Pledge 2020 Tape 28700 TB

Pledge 2021 Tape 33605 TB

Pledge 2022 Tape 40256 TB

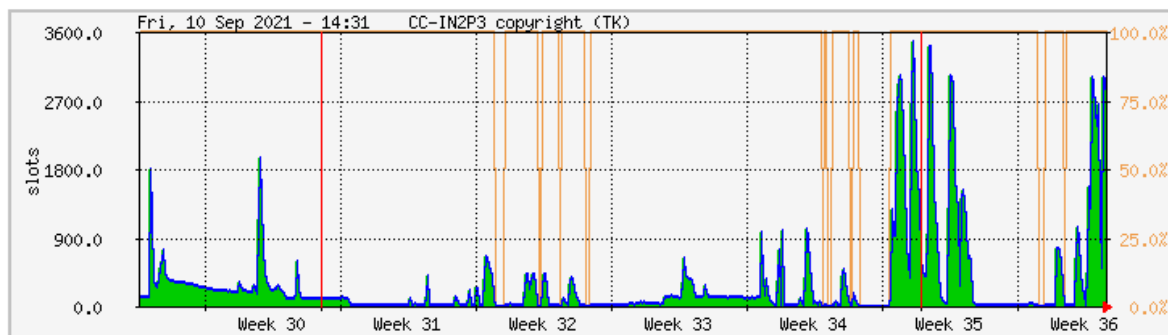
French T1 increase its tape by 17% and represents 14% of all T1 pledges
 its disk by 28% and represents 14.8% of all T1 pledges
 French T2s increase their disk by xx%

- **Not for grid ! Use of CC-IN2P3 for ATLAS French users will be discussed as usual this afternoon**

- **cpu on batch system**

- ~3% of ATLAS cpu is used by local ATLAS users, more than last year an average of 285 jobs on last month
- few users (5-6) can take 80% of this cpu – large fluctuations

Monthly Graph (2 Hour Average)



	Max	Average	Current
atlas project used slots:	3455.0	285.0	2686.0
atlas group used slots:	3455.0	285.0	2686.0
Percentage	100.0 %	100.0 %	100.0 %

- no complaints on batch

====> **keep same request as last year**

~400-500 cpu on average

peaks up to 3500 cpu can be (easily) absorbed

Institute	sps used/req [TB]	LGD used/req [TB]	LGT used [TB]
APC	7/0	22/0	3
CC		1/0	70
CPPM	2/26	65/64	10
IRFU	45/37	158/125	213
IJCLab	97/85	4/0	120
L2IT	13/0	20/0	3
LAPP	42/120	107/140	31
LPC	1/4	2/10	7
LPNHE	15/40	4/50	37
LPSC	8/15	2/20	16
ZZ (étranger)	3/0	4	
Total	230/285	387/410	516

Req is together in 2021

sps : 357 TB allocated, 230 TB used; 47 TB not accessed for more >6 months

====> keep same request as last year

LGD (IN2P3-CC_LOCALGROUPDISK) : 525 TB allocated, 364 TB used (was 316 TB last year) ; 480 TB requested by groups for 2021 (by survey in 2020)

====> keep same request as last year

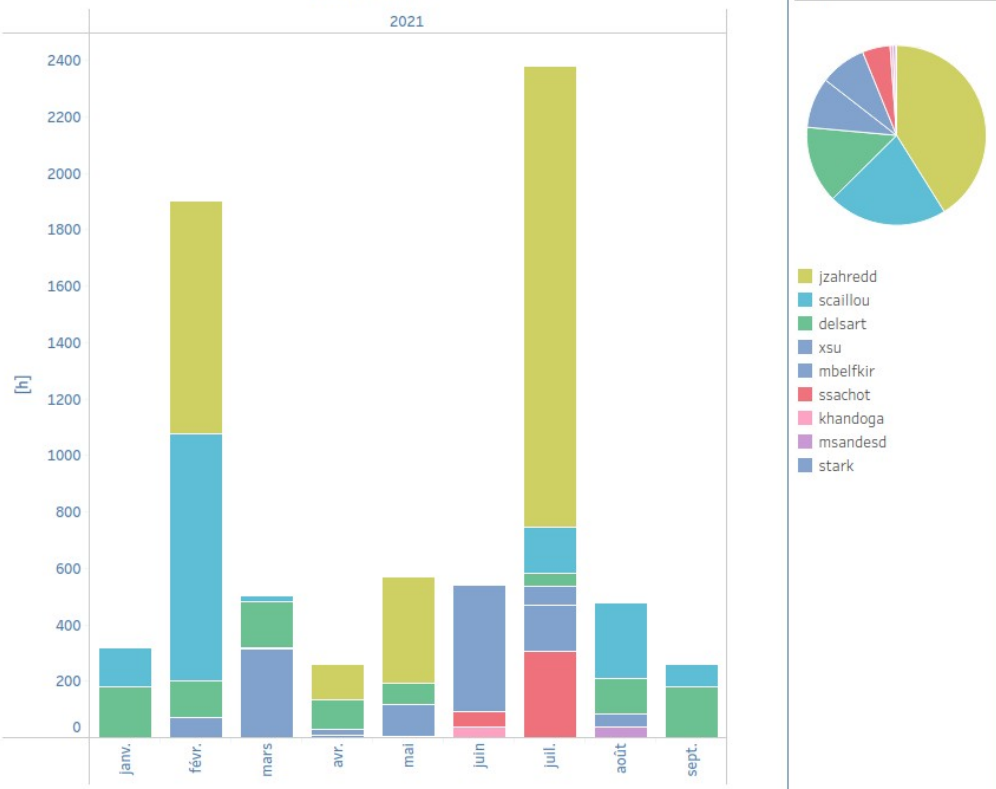
LGT (IN2P3-CC_LOCALGROUPTAPE) : 357 TB allocated ==> expect +150 TB

https://portail.cc.in2p3.fr/graph/conso_group

GPU consumption per user

Group : atlas

2021



● Request 2020

- 4 GPU-year, ~0.5 per lab
- 35kh or ~400h per lab

● Realized 2020

- 9 users in total
 - 3 users=90% of usage
- 4600h used
 - 13% of our request

● Request 2021

- 2 GPU-year, ~0.25 per lab
- 17kh or ~200h per lab, or 1400h/month

● Realized 2021 (Jan-Sep)

- 9 users
- ~7200h used, ~60% of our request on this period which includes a peak of usage in Feb. and July.

==> keep same request as last year