

LHCb forecast of computing requests

- Resource increase in 2019 and 2020 generally within «constant funding»
- Part of 2020 resources will be used for the preparation of the upgrade (simulation and system tests)
- Resources for analysis preservation (30kHS06, 0.5PB) and open data access (0.5PB disk) not included
 - Expect CERN provides them

LHCb		2018			2019		2020	
		CRSG	Pledged	Pledged / CRSG	Request	2019 req./ 2018 CRSG	Request	2020 req. / 2018 CRSG
		kHS06	kHS06		PB		PB	
WLCG CPU	Tier-0	88	88	100%	86	98%	98	111%
	Tier-1	253	250	99%	271	107%	328	130%
	Tier-2	141	164	116%	152	108%	185	131%
	HLT	10	0	0%	10	100%	10	100%
	Sum	492	502	102%	519	105%	621	126%
Others		n/a	0	n/a	10	n/a	10	n/a
Total		492	502	102%	529	108%	631	128%
Disk	Tier-0	11.4	11.40	100%	14.1	124%	17.7	155%
	Tier-1	24.5	26.30	107%	27.9	114%	31.4	128%
	Tier-2	5.7	3.7	65%	6.8	119%	8.5	149%
	Total	41.6	41.4	100%	48.8	117%	57.6	138%
Tape	Tier-0	33.6	33.60	100%	35	104%	36.1	107%
	Tier-1	45.6	56.90	125%	50.9	112%	55.5	122%
	Total	79.2	90.5	114%	85.9	108%	91.6	107%