

# Spotkanie Polish WLCG z Przedstawicielami Eksperymentów LHC




Virtual Meeting, 18.6.2025 (13:00-14:30)

# Program spotkania

1. Podsumowanie ostatniego okresu działalności
2. Informacja z posiedzenia C-RRB, April. 28, 2025 (R. Januszewski)
3. Realizacja zobowiązań przez Sygnatariuszy Polish WLCG
4. Bieżące problemy realizacji zobowiązań przez KDM i plany na przyszłość  
(Przedstawiciele Polish WLCG i eksperymentów)
5. AOB

# Zobowiązania na 2025

for 2025										
	Alice OK		Atlas -OK		CMS -OK		LHCb -OK		total	
	HS23	TB	HS23	TB	HS23	TB	HS23	TB	HS23	TB
ACK			30 277	3 385	7 526	700			37 803	4 085
PCSS	72 200	7 930							72 200	7 930
NCBJ					7 527	1 000	63 000	3 060	70 527	4 060
<b>pledges total</b>	<b>72 200</b>	<b>7 930</b>	<b>30 277</b>	<b>3 385</b>	<b>15 053</b>	<b>1 700</b>	<b>63 000</b>	<b>3 060</b>	<b>180 530</b>	<b>16 075</b>
required	72 200	7 930	30 277	3 385	15 053	1 386	63 000	3 060		
pledges/required	100%	100%	100%	100%	100%	123%				
% incr.total fed 2026										
required/pledges 2026			33 002	3 826	15 053	1 386	63 000	3 060		
shares, %, 2024	5,1 (T1 + T2)		1,5 (T2)		0,792254 (T2)		T1-no req. Tape 6665 TB			

	PL-T1-NCBJ	1	LHCb	Poland	2025	Tape	6660 TBytes	
	PL-T1-NCBJ	1	LHCb	Poland	2025	Disk	3060 TBytes	
	PL-T1-NCBJ	1	LHCb	Poland	2025	CPU	63000 HEPscore23	

# ALICE (Jan 2025-Jun 2025)

Poland — Normalized Elapsed time (HEPSCORE23) \* Number of Processors (months) by Resource Centre and Month (Custom VOs)

Resource Centre	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Total	Percent
CYFRONET-LCG2	1,621	4,645	4,498	4,668	1,567	0	17,000	14.17%
PSNC	25,213	17,337	19,206	24,803	11,878	4,517	102,954	85.83%
<b>Total</b>	<b>26,835</b>	<b>21,982</b>	<b>23,704</b>	<b>29,471</b>	<b>13,446</b>	<b>4,517</b>	<b>119,954</b>	
<b>Percent</b>	<b>22.37%</b>	<b>18.33%</b>	<b>19.76%</b>	<b>24.57%</b>	<b>11.21%</b>	<b>3.77%</b>		

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HS23

**Ave** **19 992**

Pledges 2025 72 200

Storage (TB) storage

PCSS May 2025 used 4 051 (MonaLisa),  
2 880 (CRIC)

PCSS May 2025 size 8 000

Pledges 2025 7 930

# ATLAS (Jan 2025-Jun 2025)

Poland – Normalized Elapsed time (HEPSCORE23) \* Number of Processors (months) by Resource Centre and Month (Custom VOs)

Resource Centre	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Total	Percent
CYFRONET-LCG2	44,054	47,878	48,163	44,205	26,894	22,005	233,199	100%
<b>Total</b>	<b>44,054</b>	<b>47,878</b>	<b>48,163</b>	<b>44,205</b>	<b>26,894</b>	<b>22,005</b>	<b>233,199</b>	
<b>Percent</b>	<b>18.89%</b>	<b>20.53%</b>	<b>20.65%</b>	<b>18.96%</b>	<b>11.53%</b>	<b>9.44%</b>		

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<b>HS23</b>	
<b>Ave</b>	<b>38 867</b>
Pledges 2025	30 277

<b>Storage (TB)</b>	
Cyfronet used	3 220
Cyfronet alloc.	3 230
Pledges 2025	3 385

# CMS (Jan 2025-Jun 2025)

Poland — Normalized Elapsed time (HEPSCORE23) \* Number of Processors (months) by Resource Centre and Month (Custom VOs)

Resource Centre	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Total	Percent
CYFRONET-LCG2	571	263	10,803	16,984	4,804	6,287	39,710	15.6%
NCBJ-CIS	16,345	16,338	47,045	77,496	44,263	13,318	214,805	84.4%
<b>Total</b>	<b>16,915</b>	<b>16,601</b>	<b>57,848</b>	<b>94,480</b>	<b>49,067</b>	<b>19,604</b>	<b>254,515</b>	
<b>Percent</b>	<b>6.65%</b>	<b>6.52%</b>	<b>22.73%</b>	<b>37.12%</b>	<b>19.28%</b>	<b>7.70%</b>		

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**HS23**  
**Ave**                    **42 420**  
**Pledges 2025**        **15 053**

**Storage**  
**NCBJ alloc.**                    **?**  
**NCBJ used**                     **?**  
**Pledges 2025**                **1 700 TB**

# LHCb (Jan 2025-Jun 2025)

Poland – Normalized Elapsed time (HEPSCORE23) \* Number of Processors (months) by Resource Centre and Month (Custom VOs)

Resource Centre	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Total	Percent
CYFRONET-LCG2	1,180	1,519	1,677	1,804	1,416	823	8,418	3.56%
NCBJ-CIS	1	1	33,723	58,923	83,148	49,230	225,027	95.28%
PSNC	1,924	797	1	3	3	3	2,732	1.16%
<b>Total</b>	<b>3,105</b>	<b>2,318</b>	<b>35,401</b>	<b>60,730</b>	<b>84,568</b>	<b>50,056</b>	<b>236,177</b>	
<b>Percent</b>	<b>1.31%</b>	<b>0.98%</b>	<b>14.99%</b>	<b>25.71%</b>	<b>35.81%</b>	<b>21.19%</b>		

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HS23  
**Ave 39 363 (wg. EGI)**  
 Pledges 2025 63 000

HS23 (wg T1 CRIC) (Jan-Apr 2025)  
**done 195% pledges**  
 Pledges 2025 63 000

Storage (wg T1 CRIC, TB) (Apr 2025)  
 NCBJ occupied 2 110  
 Pledges 2025 3 060

Tapes  
 NCBJ occupied 4 460  
 NCBJ pledges 6 660

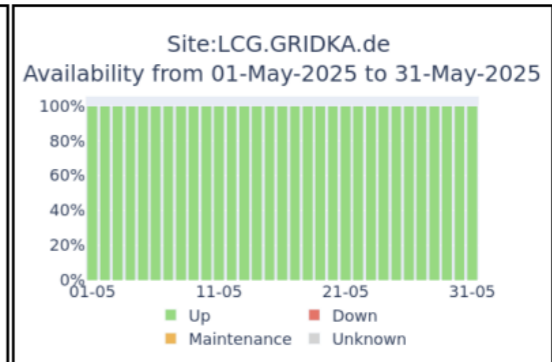
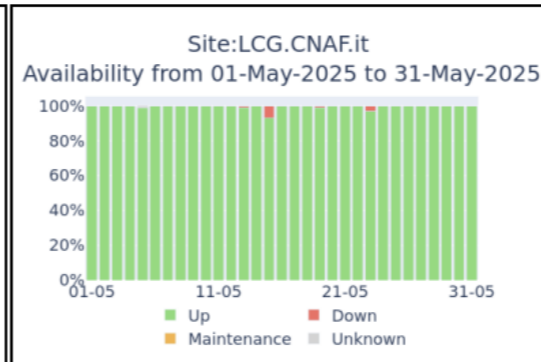
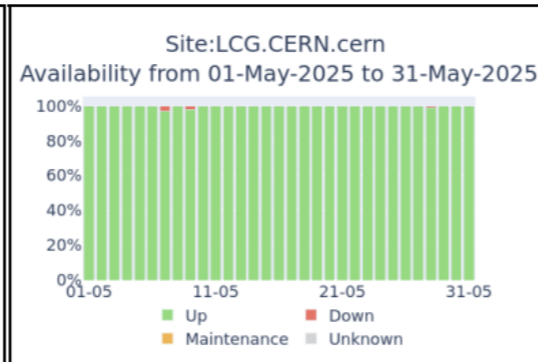
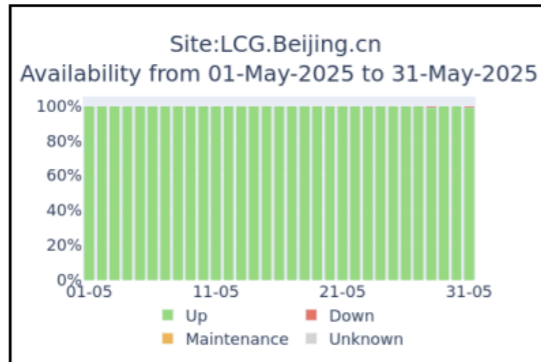


# Availability of WLCG Tier-0 + Tier-1 Sites LHCB

May 2025

Target Availability for each site is 97.0%. Target for 8 best sites is 98.0%

Availability Algorithm: CREAM-CE + ARC-CE + HTCONDOR-CE + VAC

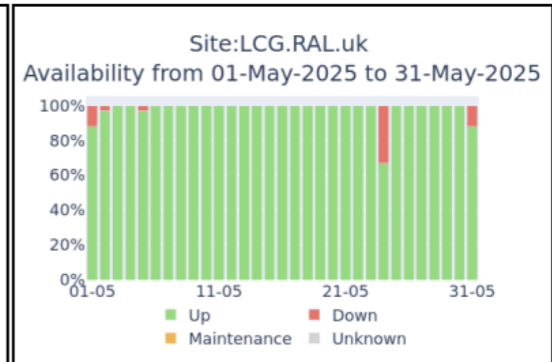
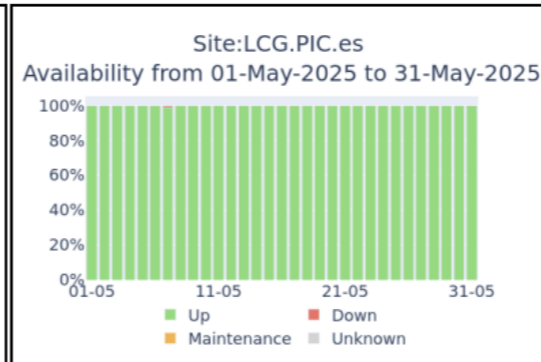
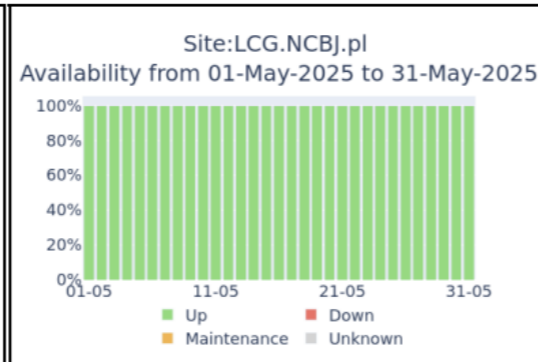
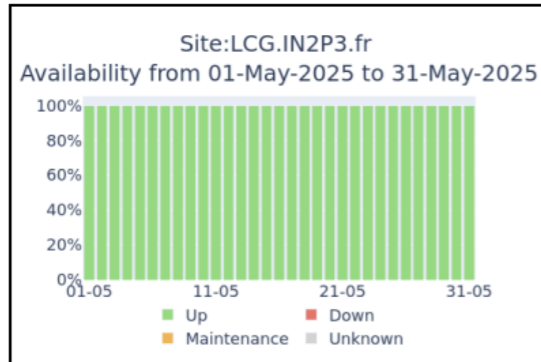


**LCG.Beijing.cn Avail: 100.0% Unkn: 0%**

**LCG.CERN.cern Avail: 100.0% Unkn: 0%**

**LCG.CNAF.it Avail: 100.0% Unkn: 0%**

**LCG.GRIDKA.de Avail: 100.0% Unkn: 0%**

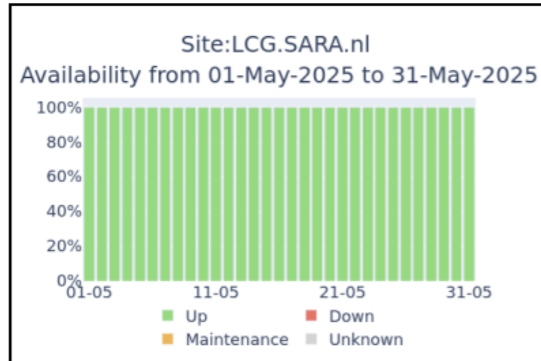


**LCG.IN2P3.fr Avail: 100.0% Unkn: 0%**

**LCG.NCBJ.pl Avail: 100.0% Unkn: 0%**

**LCG.PIC.es Avail: 100.0% Unkn: 0%**

**LCG.RAL.uk Avail: 98.0% Unkn: 0%**



**LCG.SARA.nl Avail: 100.0% Unkn: 0%**



# Jan – Jun 2025 All Partners' Performance

Poland – Normalized Elapsed time (HEPSCORE23) \* Number of Processors (months) by Resource Centre and Month (Custom VOs)

Resource Centre	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Total	Percent
CYFRONET-LCG2	47,425	54,305	65,141	67,661	34,681	29,115	298,327	35.35%
NCBJ-CIS	16,346	16,339	80,768	136,419	127,412	62,547	439,832	52.12%
PSNC	27,137	18,134	19,207	24,806	11,882	4,521	105,686	12.52%
<b>Total</b>	<b>90,908</b>	<b>88,778</b>	<b>165,116</b>	<b>228,886</b>	<b>173,974</b>	<b>96,183</b>	<b>843,845</b>	
<b>Percent</b>	<b>10.77%</b>	<b>10.52%</b>	<b>19.57%</b>	<b>27.12%</b>	<b>20.62%</b>	<b>11.40%</b>		

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# Pledges for 2025

for 2025										
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# Ustalenia – dla przypomnienia

Wg p. 4 Porozumienia i późniejszych ustaleń (w nawiasie osoby kontaktowe ośrodków koordynujących):

- Cyfronet dostarcza i koordynuje zasoby dla współpracy ATLAS oraz dostarcza zasoby dla CMS  
(Marek Magryś, Patryk Lasoń, Adrian Marszałik, Andrzej Zemła)
- NCBJ dostarcza i koordynuje zasoby dla współpracy LHCb oraz dla CMS  
(Wojciech Wiślicki, Michał Bluj, Henryk Giemza, Tomasz Fruboes)
- PCSS dostarcza i koordynuje zasoby dla współpracy ALICE  
(Krzysztof Kurowski, Norbert Meyer, Marcin Pospieszny, Radosław Januszewski)

Każdy Sygnatariusz Porozumienia (PCSS, Cyfronet, NCBJ) może udostępniać zasoby dla każdego eksperymentu, lecz koordynacja w ramach eksperymentu należy do ośrodka koordynującego.

- Bieżące problemy realizacji zobowiązań przez KDM i plany na przyszłość (Przedstawiciele Polish WLCG i eksperymentów)
- AOB