



# Deployment of the new benchmark

**Alessandro Paolini**

EGI Foundation

16-02-2023

OMB meeting

- The benchmark **HEPSCORE23** is going to replace the old **HEPSPEC06**
- Existing resources at the sites will not be re-benchmarked with HEPSCORE (unless the site has modern resources and would like to re-benchmark them in order to get higher consumption in the accounting reports)
- New resources purchased by the site will be benchmarked with HEPSCORE
- HEPSCORE will be normalized with HSO6 with factor 1

## Decisions on the new benchmark (II)

- The switch to HEPSCORE in the accounting reports will happen on the **1st of April 2023** (when WLCG switch yearly pledges)
- This implies that two benchmarks will co-exist on the infrastructure for quite some time
- We would like to follow the progress regarding amount of the resources benchmarked with HEPSCORE
- No need for reporting of measurements for two benchmarks in parallel for the same set of resources
  - This implies that accounting record should contain one metric for a single benchmark and benchmark name has to be properly defined in the accounting record.

## Plans for the coming months

- A new APEL version compliant with the new benchmark will be released
- Planned some tests in particular with sites sending normalised reports
  - To prepare deployment guides for the sites
- Change of units: in the Accounting Portal all of the references to HepSpec06 will be replaced with the new benchmark
  - This will be implemented during last week of March
- Need to distinguish between the resources benchmarked with one benchmark or the other to monitor the move to the new benchmark over the time
  - The accounting records will be tagged with the name of the benchmark used for normalisation
  - A new APEL version is going to introduce this feature
  - The Accounting Portal will allow to see the split of the resources by benchmark
  - This change can be introduced a couple of months after April

- GitLab space: <https://gitlab.cern.ch/hep-benchmarks/hep-score>



# Thank you

Questions?

[www.egi.eu](http://www.egi.eu)



This work is partially funded by the EU research and innovation programme