EGI Accounting Portal

Carlos Fernández (CESGA) & Josep Queral (Quanta Labs)

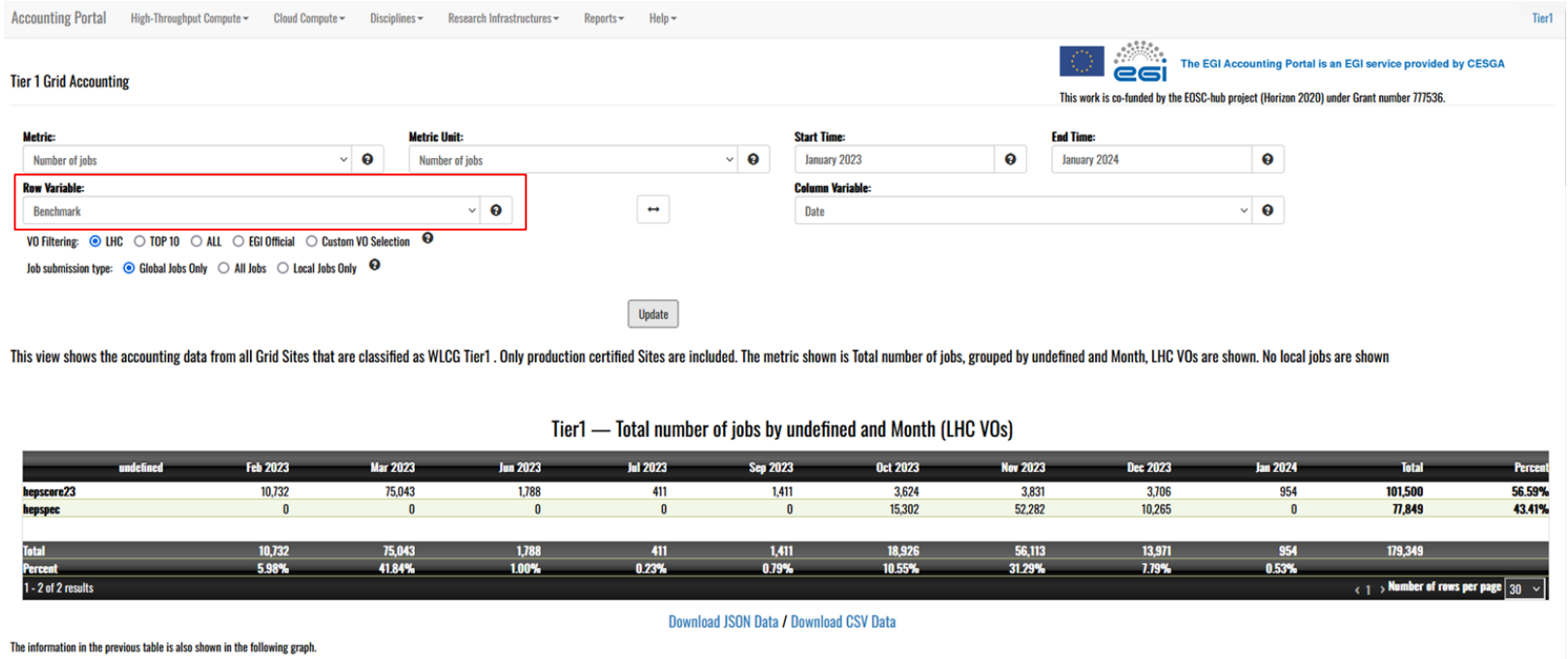
- HEPScore23 integration in the accounting workflow

- Implementation of new features
  - General data filtering by benchmark
  - Specific data filtering by benchmark
  - Custom plots according to the benchmark data filtering

- Currently deployed in the staging environment (*https://accounting-staging.egi.eu*)

Tier 1 View

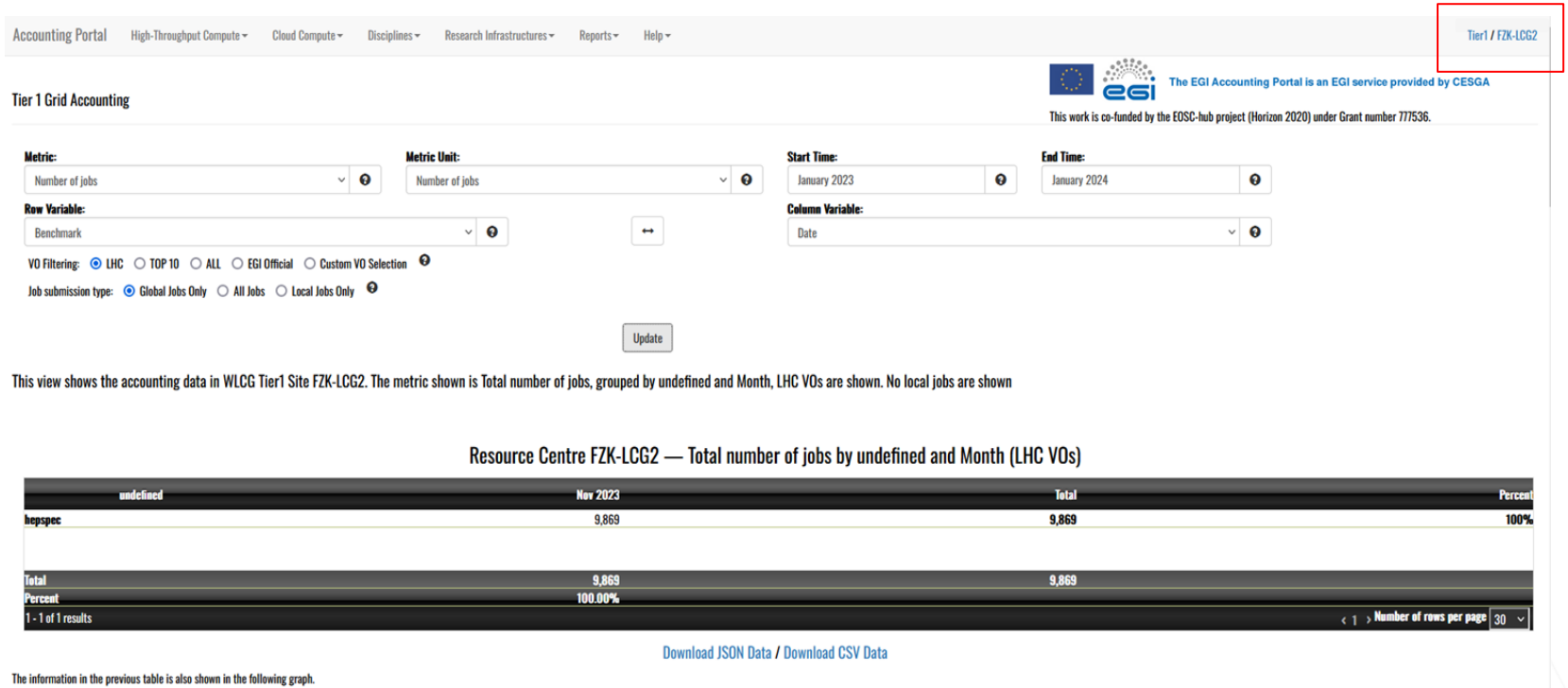
Added the option “Benchmark” in the row variable. Now the user can filter the data by benchmark:



- We can filter the benchmark by metric, metric unit, time, and column variable options

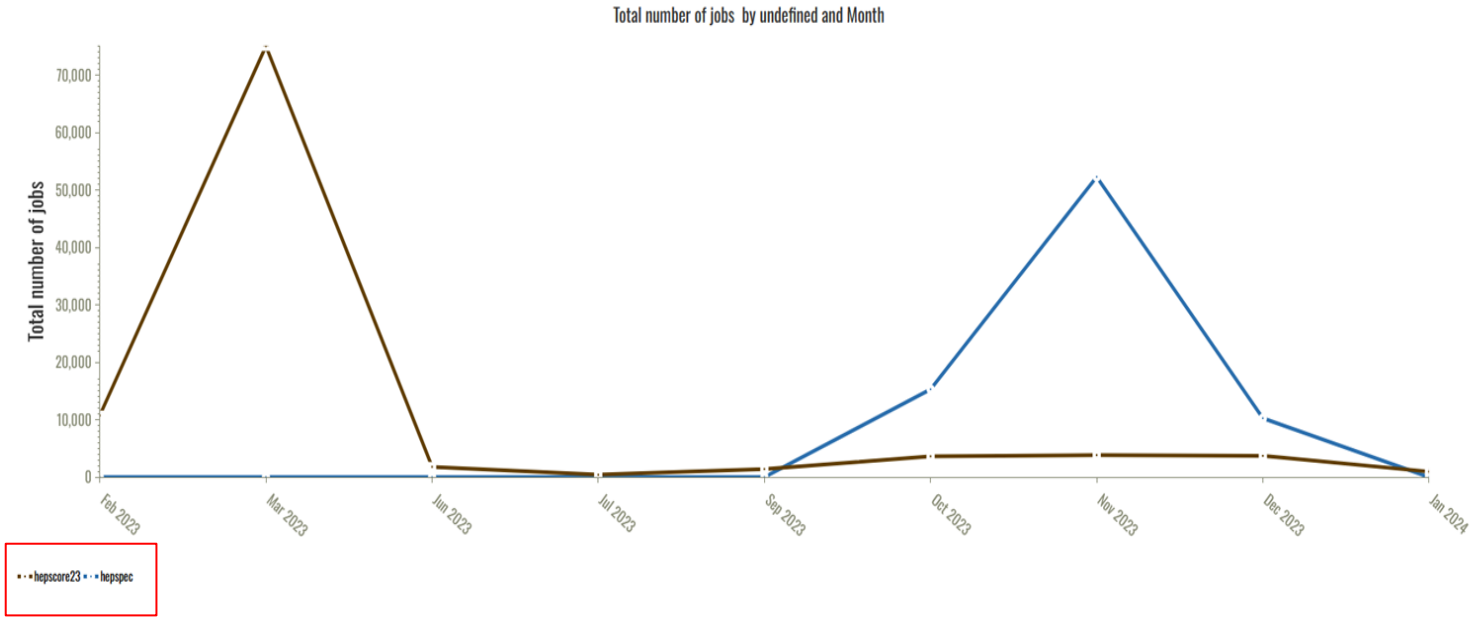
Tier 1 View by Site

Filter by benchmark is also available in a specific site view:



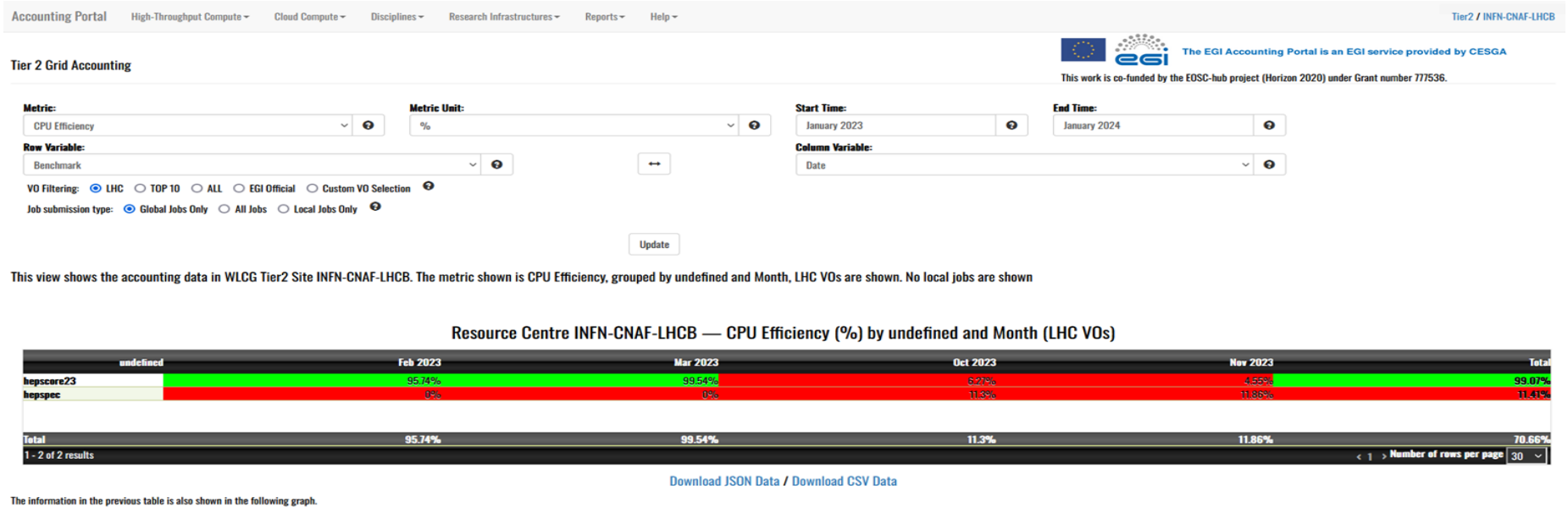
Tier 1 View Plots

Custom plots for each view are also filtered by benchmark:



Tier 2 view

Replicated the functionalities from Tier 1 view:



Accounting Portal | High-Throughput Compute | Cloud Compute | Disciplines | Research Infrastructures | Reports | Help | Tier2 / INFN-CNAF-LHCB

Tier 2 Grid Accounting

The EGI Accounting Portal is an EGI service provided by CESGA

This work is co-funded by the EOSC-hub project (Horizon 2020) under Grant number 777536.

Metric: CPU Efficiency | Metric Unit: % | Start Time: January 2023 | End Time: January 2024

Row Variable: Benchmark | Column Variable: Date

VO Filtering: LHC | TOP 10 | ALL | EGI Official | Custom VO Selection

Job submission type: Global Jobs Only | All Jobs | Local Jobs Only

Update

This view shows the accounting data in WLCG Tier2 Site INFN-CNAF-LHCB. The metric shown is CPU Efficiency, grouped by undefined and Month, LHC VOs are shown. No local jobs are shown

Resource Centre INFN-CNAF-LHCB — CPU Efficiency (%) by undefined and Month (LHC VOs)

undefined	Feb 2023	Mar 2023	Oct 2023	Nov 2023	Total
hepscore23	95.74%	99.54%	6.27%	4.55%	99.07%
hepspec	0%	0%	11.3%	11.86%	11.41%
Total	95.74%	99.54%	11.3%	11.86%	70.66%

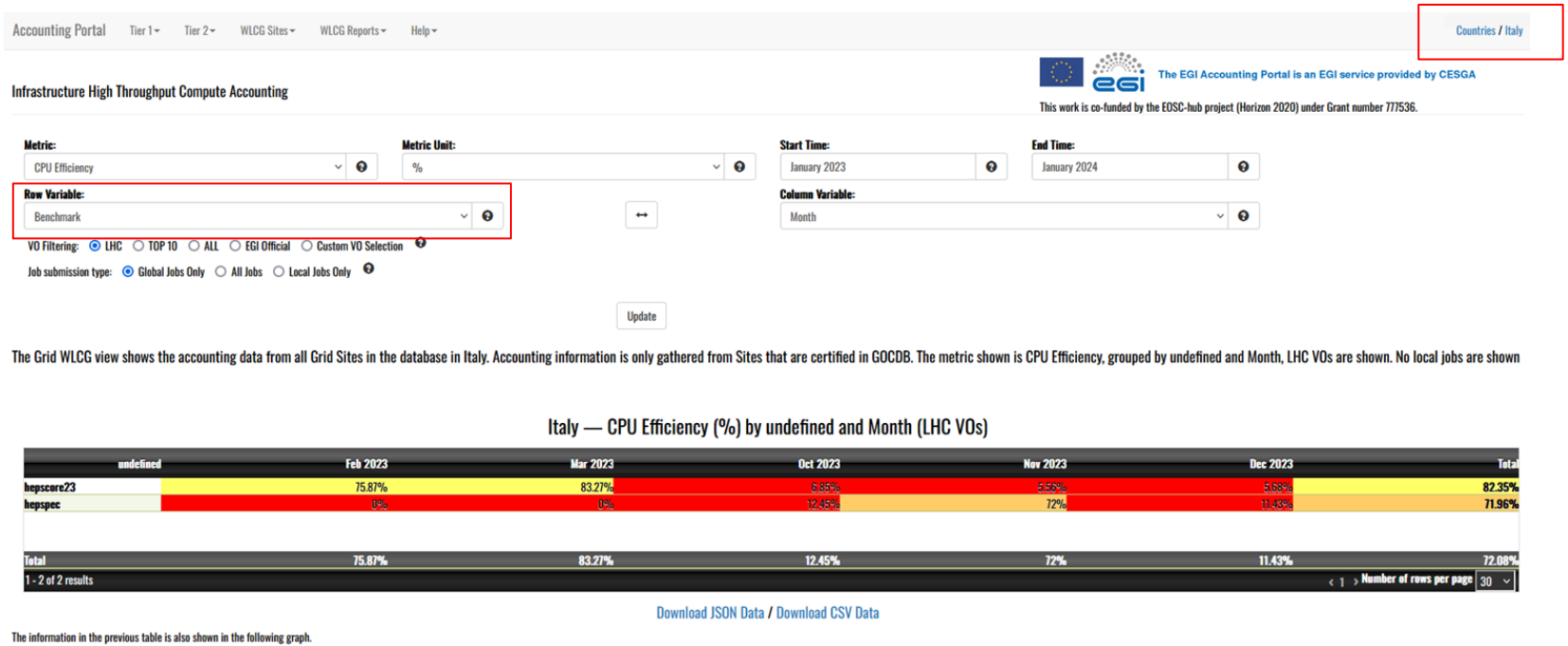
1 - 2 of 2 results | < 1 > Number of rows per page 30

Download JSON Data / Download CSV Data

The information in the previous table is also shown in the following graph.

Countries View

Replicated the functionalities from the other views:



Requested Functionality

- Currently: Selection of the 'benchmark' option as a row variable: the data is provided organized by benchmark
- Requested feature: availability to click on a specific benchmark to generate a 'new view' where data is filtered according to the selected benchmark
- This feature will provide the user with a more personalized view of the benchmarked data
- New testing will be required for new developments