

Environmental impacts of computing in health & life sciences research

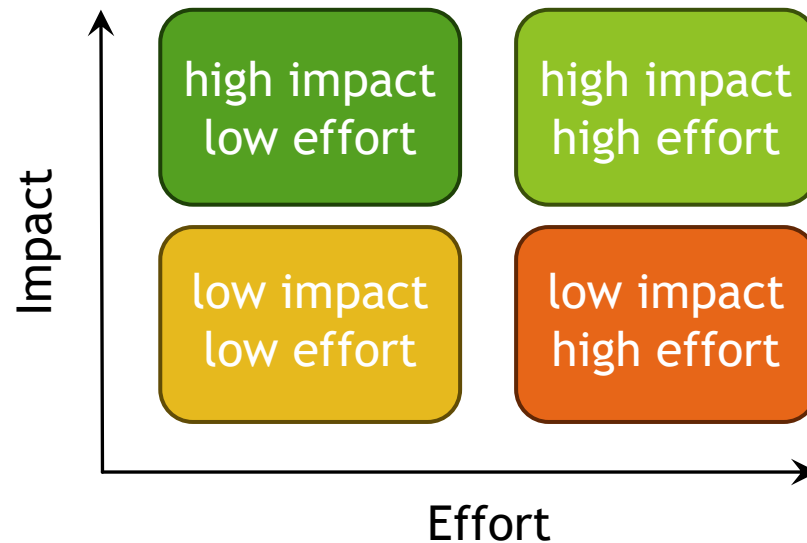
Tuesday 7th November 2023

Closing remarks

We need to pull every lever

- ▶ We need to **reduce energy consumption** in every way we can
- ▶ We need to do it **now**
- ▶ We need to have another conversation about **demand management**

- ▶ But where should we start?
- ▶ High impact, low effort actions



What actions will you take in...



Your own research

Edit default fMRI settings

Your lab / department

Department workshop

Your institution

Implement CATS with HPC



These levels all influence each other

We need individual AND collective action



Resources

- ▶ Join the Google Group!
- ▶ Environmentally Sustainable Computational Research - Community of Practice



**UK Research
and Innovation**

UKRI Net Zero Digital Research
Infrastructure Scoping Project



Climate Aware
Task Scheduler (CATS)



NickESouter

Green Algorithms 4 HPC

Thank you

