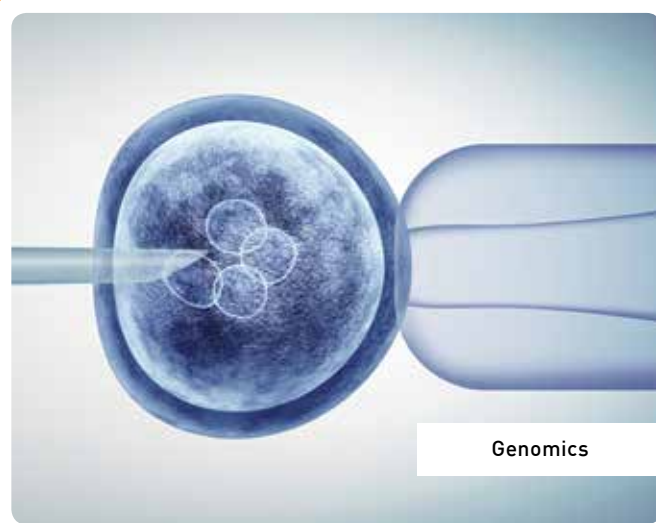




Green
high-performance
computing solutions
tailored for you.

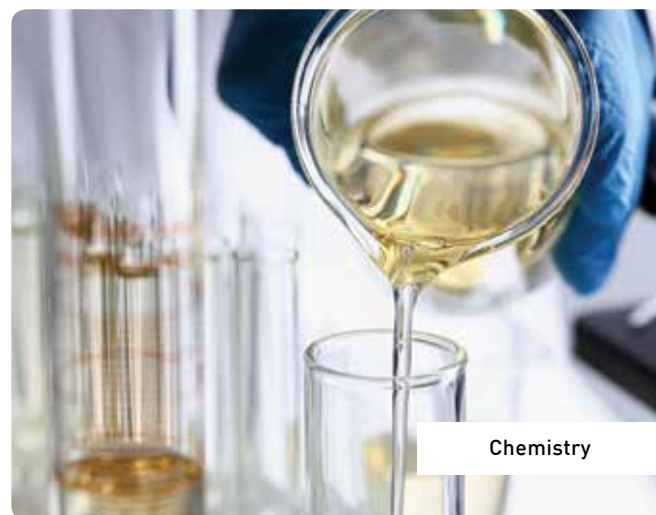
The modern world is
driven by an ever-increasing
volume of data - all areas
of contemporary research
require access to advanced
HPC capabilities.



Genomics



Climate modelling



Chemistry



Astrophysics

We provide reliable,
cost-effective software,
compute & storage solutions.
And we will support you,
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'We specialise in reliable, green, HPC solutions. We design, own, and operate a network of some of the largest and greenest supercomputers on Earth.'

Flexibility

Our **integrated DUG McCloud platform** allows you to **tailor** compute, storage, software and expert support services to suit.



Scalable compute on demand.

Global network of data centres allows access from anywhere, anytime. Total flexibility to track evolving hardware landscapes and research needs.



Your flavour of software.

Whether it's DUG Insight, a third-party package, or your own software, we'll work with you to make sure it runs smoothly and efficiently.



Endless storage.

Unmatched bandwidth, IOPS, reliability and efficiency for big data. Our online archive storage will protect massive data volumes while keeping it readily accessible.

Support

We want you to be successful. Our team of HPC experts, analytical data scientists and software engineers are ready to help you, if needed!



Leave it to us.

We can onboard and optimize your code, manage your data and assist with algorithm development - leaving you to concentrate on your scientific endeavours and innovative workflows.



HPC solutions ready to go.

There's no need for you to build and maintain HPC knowledge, skills, computer rooms, software stacks and machines. We can provide the entire solution. And we'll support you at every step.



Sustainability

Our data centres are some of the greenest on Earth. Our efficient and environmentally friendly cooling technology dramatically reduces energy consumption.



DUG Cool.

Our patented 'DUG Cool' immersive-cooling technology can help achieve your carbon reduction goals. Our hardware is submerged in specially-designed tanks filled with dielectric fluid that allows us to reduce power consumption by up to 51%.



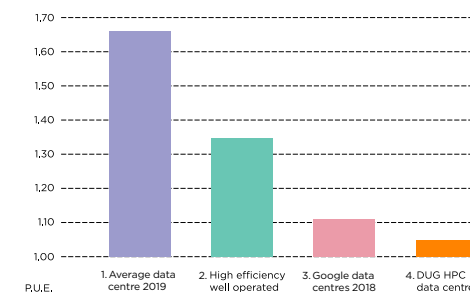
Reducing your carbon footprint.

This translates to arguably the greenest power usage effectiveness (P.U.E.) rating of any data centre in the world - and equates to over 200,000 less tonnes of carbon dioxide per annum (compared to a conventional 100 megawatt data center).



Green HPC.

At DUG we are continuing to invest and innovate at the forefront of software and HPC, working towards a zero-carbon future. We are planning to build the world's first carbon-free HPC campus in Western Australia.



Reliability

We have a **global network of data centres** with supercomputing facilities in Perth, Houston, Kuala Lumpur and London.



Connect with us.

Our high-speed, low latency and reliable ethernet network offers you lightning fast connections and access to your data wherever you are in the world.



High-speed AARNet.

We are connected to AARNet - the high speed network for Australia's research and education sector.



Security

We know **security is your number one concern**, that's why we ensure you're in control of your data at all times.



Private cloud.

Our HPC lives in a private cloud, accessed by state-of-the-art, individually-issued, heavily-firewalled VPN accounts.



Peace of mind.

Our HPC is 'bare metal'. No virtualisation means only one client uses any single piece of hardware at a time. There is no public access - massively reducing the vectors of attack.

