

MET OFFICE | TACKLING BIG DATA

In 2017 the HPC system will:

At the end of February, Phase 1b (the second of 3 phases) of the new Met Office high performance computer (HPC) became operational at the Met Office some 5 weeks ahead of schedule. The combined processing power of the Phase 1a and 1b machines make the Met Office in Exeter the home of Europe's largest operational HPC - and at present this represents only 30% of the total capacity that will be available when Phase 1c goes operational in 2017.



Be capable of performing more than **3 MILLION CALCULATIONS PER SECOND FOR EVERY MAN WOMAN AND CHILD ON THE PLANET**



By 2018 the weather & climate research performed using the machine will require mass storage of more than **1 exabyte of data, equivalent to one piece of data for**

EVERY GRAIN OF SAND ON THE BEACHES OF THE WORLD

