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President

Dr Robin Batterham AO FREng FAA FTSE

12 May 2010

Ms Clare McLaughlin
Manager, eResearch
Science and Infrastructure Division
Department of Innovation, Industry, Science and Research
GPO Box 9839
Canberra ACT 2601

Dear Ms McLaughlin

**Super Science – Research Data Storage Infrastructure
Implementation Discussion Paper**

The Academy of Technological Sciences and Engineering¹(ATSE) is fully supportive of the Australian Government announced funding of \$97million to expand the electronic collaboration services and data fabric initiatives underway in the Australian Research Collaboration Service.

The Academy is pleased to have the opportunity to comment upon the discussion paper that is focused on the \$50million data storage component of the Super Science Initiative.

The Academy notes that in regard to the Implementation Models, “cloud computing” is mentioned in regard to:

1. Model 1 – New Peak National Capability;
2. Model 2 – Regional Strength; and
3. By implication, Model 3 – Industry Partnerships, since Model 3 is a variant of both Models 1 and 2.

The Academy is preparing a report on Cloud Computing that makes a number of recommendations for the future development of this most important area of computing. The report is expected to be finalised shortly.

ATSE will make this report available to the Department and the Australian Research Collaboration Service. The Academy would be pleased to hold further discussions on the implications of its report on the \$50million Super Science Investment in data storage. Should you require further information, please contact Dr Vaughan Beck, Executive Director – Technical, on 03 9864 0903 / .beck@atse.org.au.

Yours sincerely

Robin Batterham

¹ ATSE is an Association that was established in 1975 with the mission to promote the application of scientific and engineering knowledge to the future benefit of Australia. ATSE is one of four learned national Academies, which have complementary roles and work together both nationally and internationally. ATSE has about 750 elected Fellows who are the leaders of applied science and engineering across the country.