

Summary of Linkage Infrastructure, Equipment and Facilities Proposals by State and Organisation

Victoria

Deakin University

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Approved Project Title **Field-emission gun transmission electron microscope for the research in nanomaterials, metal alloys and biological sciences**

2010 \$1,000,000.00

Primary FoR 0912 MATERIALS ENGINEERING

Partner/Collaborating Organisation(s)

Commonwealth Scientific and Industrial Research Organisation (CSIRO)
Swinburne University of Technology, The University of New South Wales, University of Wollongong

Administering Organisation Deakin University

Project Summary

The proposed facility is required by a large range of world-leading research programs in light metals, nanomaterials, fibres and biomaterials. These research programs are strongly supported by automobile, textile, mineral and advanced materials industries that have important roles in the current national economy and local communities. The facility will improve significantly our current research ability and help the creation of new research areas in nanotechnology and energy materials beneficial to clean energy, environmental protections and health care. It is also important equipment for new research student training.