

ANSTO

The Australian Nuclear Science & Technology Organisation (ANSTO) is Australia's premier nuclear and scientific research organisation.

The **ANSTO Business Lab** provides a 'cradle to grave' environment for the evaluation, management and commercialization of ANSTO's capabilities, intellectual properties and technologies to the global marketplace.

Globally Competitive Sectors

Materials: Designer materials and processes for application in aerospace, biomedical, chemical & petrochemical, food, manufacturing, mining, minerals, nanotechnology, nuclear and utility industries.

Radiopharma: Radioactive tagging of biological molecules important in disease identification and the manufacture of radiopharmaceuticals for the global biotech and pharmaceutical industries.

Environment: Solving complex environmental problems using nuclear analytical techniques and expertise in biological, atmospheric, terrestrial and aquatic systems.

Minerals: Detection and quantification of radioactive contaminants design for mineral processing circuits and waste management processes, instrumentation and modelling of sulfide material behaviour.

WORKING WITH YOU

Core commercial R&D areas include:

- Advanced Materials, Nanotechnology
- Industry and Manufacturing
- Radiopharmaceuticals and Biotechnology
- Environment Management
- Mining

Key capabilities include:

- Characterisation and modification of materials by neutrons, ion beams and X-rays
- *Infrastructure and industrial plant integrity and criticality assessments*
- Irradiation services for semiconductors and dosimeters
- *Environmental and minerals processing management*
- Plasma surface engineering - wear resistance and surface hardness of manufactured components
- *Manufacture of radiopharmaceuticals and industrial isotopes*
- Molecular imaging for biomedical applications
- *Radiation protection, occupational health, and safety management*

DOING BUSINESS WITH YOU

Research Institute

As a leading research institute, ANSTO provides:

- Analyses and services
- Consultancies
- Sponsored R&D
- Applied R&D

ANSTO Business Lab

ANSTO both originates and participates in technology-based ventures and R&D projects initiated by others. ANSTO supplies seed financing, in-kind professional and R&D services, and management talent to ventures.

More Information

At our website, you will find the latest technology, research and venture news including copies of our monthly eZine; FAQs; resource links, and potential business opportunities which may be strategic to your organisation's interests.



In 2005, Australia's global scientific capability, and profile, significantly increases as ANSTO's world-class replacement reactor comes online.