



Status and timetable of the project

IMAGE: (left to right) Prof Peter Darvall, (former) Vice Chancellor, Monash University, Hong Lim MP, Member for Clayton and the Hon John Brumby MP, Minister for Innovation, inspect the site for the Australian Synchrotron

Chapter 08

Status and timetable of the project

The indicative schedule for completing the machine, the building and the proposed initial suite of beamlines is shown in table 8.1. Shading indicates the stages of design, including recruitment of personnel, construction, commissioning and user operation, which is then ongoing.

External Building and Synchrotron Machine

The contract for design and construction of the building has been let and site works have commenced. Details of final machine design are included in appendix 2. Current activities (at November 2003) include:

- injection system – preferred tenderers have been short-listed
- magnets and vacuum systems – call for registration of interest has been issued

- ongoing recruitment of staff for the design and engineering of the facility.

Beamlines

Development of beamline proposals in conjunction with the potential user community has been underway since mid 2002, and will continue throughout the life of the facility.

It is assumed that sufficient funding for the beamlines will be guaranteed by mid-2004 to enable the beamline design phase to commence.

Beamline schedules will be refined as designs proceed.

Table 8.1. Construction schedule

	2002	2003	2004	2005	2006	2007	2008	2009
Machine: injection system, ring, etc.	■	■	■	■	■	■	■	■
Building & laboratories		■	■	■	■	■	■	■
Consultation with user community	■	■	■	■	■	■	■	■
Beamline 1: High-throughput protein crystallography			■	■	■	■	■	■
Beamline 2: Protein microcrystal & small molecule			■	■	■	■	■	■
Beamline 3: Powder diffraction			■	■	■	■	■	■
Beamline 4: Small & wide angle scattering			■	■	■	■	■	■
Beamline 5: X-ray absorption spectroscopy			■	■	■	■	■	■
Beamline 6: Soft x-ray spectroscopy			■	■	■	■	■	■
Beamline 7: Vacuum ultraviolet				■	■	■	■	■
Beamline 8: Infrared spectroscopy			■	■	■	■	■	■
Beamline 9: Microspectroscopy			■	■	■	■	■	■
Beamline 10: Imaging & medical therapy			■	■	■	■	■	■
Beamline 11: Microdiffraction and fluorescence probe			■	■	■	■	■	■
Beamline 12: Circular dichroism				■	■	■	■	■
Beamline 13: Lithography			■	■	■	■	■	■

Consultation with user community
Design
Construction
Commissioning
Operation