

Sustainable Industries Education Centre



The centrepiece of TAFE SA's new direction will be a world class, \$125 million building and construction education hub to be built on the former Mitsubishi Motors site in a collaboration between TAFE SA, the universities and industry.

This state of the art new Centre is intended to bring together TAFE, university and industry sectors for the first time in South Australia. The Sustainable Industries Education Centre will be an integral part of the Tonsley Park redevelopment, housing more than 8000 students and 210 teaching staff per year.

Building and construction is a \$4.5 billion industry, employing 8.3 per cent of South Australia's workforce. It accounts for 23 per cent of greenhouse gas emissions. It is also an industry that faces critical skills shortages, with demand for qualifications predicted to increase by at least 30 per cent by 2012.

TAFE SA currently provides 80 per cent of the industry's trade qualifications, and this new Centre will allow an increase in building and construction course numbers by at least 16 per cent, with new training offered in renewable energy and water operations.

The Sustainable Industries Education Centre will become TAFE SA's building and construction training hub, incorporating dedicated, hands-on learning laboratories.

The proposed co-location of vocational and higher education with the industry sector will not only give industry ready access to cutting-edge training facilities, but will also give students the opportunity to learn in close proximity to industry as they progress from basic skills training through to higher education.

Students will have increased access to education through high speed broadband and e-learning capability, creating a virtual learning environment that encourages collaboration and enables learning from any location. The centre is positioned on a major public transport route, which will be significantly strengthened over the coming years with the development of the light rail interconnections between the north and south of metropolitan Adelaide.

The new Centre will better meet the needs of learners and enterprises and will greatly reduce the costs of maintaining publicly-owned campuses. This will ultimately result in lowering the cost per hour of training delivery, and will mean students and industry will see the benefits of stronger, more relevant skills.

The Centre will also provide a united entry point for the building and construction industry and will transform the way trade training is delivered, including strengthening pathways between vocational and higher education.

The Sustainable Industries Education Centre will be one of the key drivers in achieving *Skills for All* reforms and will play a key role in delivering on the *Jobs Strategy*. It is expected that more than 10,000 of the additional 100,000 training places will be for qualifications associated with the building and construction industry, including civil construction and engineering, carpentry and joinery, bricklaying and plumbing.

The Centre will also promote sustainable building techniques. New learning programs will ensure the building and construction industry will have a workforce that is capable of implementing the new technologies that will move South Australia to a low carbon future.



Government of South Australia
Department of Further Education,
Employment, Science and Technology

It is intended that this state of the art new Centre will bring together TAFE, universities and industry, increasing the pathways between TAFE SA and the universities and linking training providers to the latest developments in research and development.

The new Centre will become the central point for building and construction training in South Australia, which will result in some changes to where students learn. Most of TAFE SA's current campuses were built in the 1960s and 70s and can no longer keep pace with the State's changing vocational education and training needs.

Moving programs from outdated campuses to world class, industry-focused training centres will allow students to move more easily between TAFE SA and university while learning in close proximity to industry.

Once construction of the new Centre is complete, it will replace outdated campuses at Marleston, O'Halloran Hill and Panorama. This consolidation will allow TAFE SA to expand training in what is a critical industry for South Australia, and will result in greater learning outcomes for students.

At the new Centre, students will have increased access to education through high speed broadband and e-learning capability. The Centre's location on a major public transport route will ensure that minimal disruption is caused to current students, who are already travelling from every corner of metropolitan Adelaide.

The South Australian Government has set an ambitious goal as part of its *Jobs Strategy* to create 100,000 new jobs for the State over the next six years. In order to achieve this goal, it has also committed to funding an additional 100,000 training places in key growth industries.

This commitment will mean increasing participation in vocational education and training (VET), which will require significant reforms in the VET sector. The Government's *Skills for All* agenda proposes that all South Australians will have a 'passport' to build world-class skills through quality training.

Skills for All builds on the *Skills Strategy for South Australia's Future* (March 2008), which details a range of strategies to invigorate the training system and develop a highly skilled workforce driven by the needs of industry and the economy.

The Sustainable Industries Education Centre will be one of the key drivers in achieving *Skills for All* reforms, and will ultimately help to deliver on the *Jobs Strategy*.

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For more information, please see the TAFE SA or DFEEST intranets.

