

## The Edge in Constructing Environments

### **ESD OPENS THE EDGE NURSERY**

ESD's The Edge nursery specialises in growing provenance plant stock, including grasses, shrubs, trees, macrophytes and Saltmarsh species, for our environmental projects.

Seed Collection uses the latest scientific Florabank guidelines with an ethical framework, respecting genetic integrity and diversity.

Assessment of genetic material is made during seed collection.

Seed collection requires at least one season. Subsequently seed collection for any restoration projects needs to begin at least 12 months ahead of restoration works.

Our aim is to provide one point of contact from seed sourcing to completed environmental rehabilitation and ongoing maintenance.

**The Edge Nursery** 204 Forest Way Belrose NSW captures runoff into a constructed wetlands to strip nutrients and provide habitat. We are in the process of progressively adding water harvesting to maximise on-site capture.

**The Edge** and our ecological office are available for view by appointment only on 02 9986 1741.



Current production at **The Edge** of 200,000 plants for a Landcom /Liverpool Council, Cumberland Plains project at Middleton Grange NSW.

### **ESD BUILD SALTMARSH HOME TO MIGATORY BIRDS AT PORT BOTANY**

Australia's largest container terminal in the sensitive environment of Sydney's Port Botany Bay is currently under construction.

The migratory birds need to feel comfortable in the new environment in order for them to stop over on their journey. To achieve this the removal of Mangroves is required, with their replacement with a number of low growing Saltmarsh plant species. The reason for this is that the birds feel safer from predators when they can see around them. Having them stop contributes to the ecological complexity of natural areas.

ESD were chosen to restore the natural environment due to our ability to manage large complex projects and our provision of scientific qualified personnel who are specialists in the critical Saltmarsh habitat present on the project.

Rob Griffith, general manager says "It is immensely satisfying for our team at ESD to be contributing to habitat restoration and preservation in conjunction with essential infrastructure development."



Existing Saltmarsh habitat at Port Botany, showing the container terminal in the background.

### **ESD EXPORT SKILLS TO THE UAE**

ESD have been engaged to provide hands on consultancy services, primarily project management, training and provision of software systems in the United Arab Emirates. Work in this part of the world has serious challenges of heat, frantic construction and now economic tests. The opportunities are still there for managing large projects but many have been put on hold causing a lot of expats to leave the country. ESD has maintained it's role by proving that our systems and training add to improved productivity, safety and quality, increasing clients Gross Profits.

One of the most satisfying experiences for MD Jeremy Winer was the delivery of skills training to the largely unskilled workforce. "It is very rewarding to see their enthusiasm for acquiring new skills and their gratitude for improving their health and safety." In most cases it was their first formal training and receipt of recognition.

Nick Saunders, UAE General Manager has shown exceptional personal skills in managing the diverse range of cultural and political challenges that the Middle East offers.



Nick Saunders managing the turf farm for the new Yas Island Race Track and Ferrari World (Dubai).