

August 2011

As the China Clean Tech Team prepares for the Australia China 2.0 – trade mission to China taking place in early August, now is a good time to reflect on the last few months of activity and update all Wanwu members on new developments in the China market. The trade mission in August will be led by the Hon. Dr Craig Emerson and the Hon. Richard Marles MP, Parliamentary Secretary for Pacific Island Affairs and will be travelling to six destinations in China. A Changsha visit showcasing sustainable development, the environment and our commercial progress in the sector will be a feature of the program. Changsha is the site of notable Australian commercial success in sustainable building and planning. And in less than a year of engagement, several members of the Australian Advanced Remediation Group (AARG) have made remarkable progress in the Hunan environmental services sector. The last few months have also seen Austrade working closely with CSIRO in bringing early stage technologies in front of the Wanwu Advisors Panel. Members of the China Clean Tech Team have taken a delegation from the land remediation sector in Hunan to Australia to acquire a better understanding of Australian capability within this space. The online Wanwu directory has received a complete makeover and now contains 107 Australian Clean Tech companies as Austrade continues its commitment to the Clean Tech cause and strives to find new commercial opportunities for Australian companies.

- **Wanwu Website overhaul** – The new look Wanwu website has recently been updated to reflect the growing number of participating companies. Take a look at the new site [here](#).

For general information on the Wanwu initiative, visit: www.austrade.gov.au/wanwu

From the Austrade China Clean Technology Team

Recent Initiatives

The Australian Government's Climate Change Plan

Last month the Government announced a range of reforms to reduce greenhouse emissions. Information on Australia's Clean Energy Future can be found at the new [Clean Energy Future website](#) or in the [Clean Energy Plan](#). These changes will have a strong impact on Australia's competitiveness as a destination in clean energy investment, and a source of exportable technologies and skills. In addition, a \$10 billion new commercially oriented Clean Energy Finance Corporation (CEFC) will be established to drive innovation through commercial investments in clean energy through loans, loan guarantees and equity investments. The CEFC will leverage private sector financing for renewable energy and clean technology projects, identify potential projects and help to remove barriers to financing.

Austrade hosts CSIRO Investment for Technology Commercialisation Seminar with Wanwu Advisors Panel members:

On 20 April, Austrade invited Beijing and Shanghai based Wanwu Advisors Panel members to Austrade offices to meet with several Business Development Managers from CSIRO to conduct an Investment for Technology Commercialisation Seminar. The delegation of CSIRO managers was seeking investment partners to collaborate in technology commercialisation. They presented several technologies, at various stages of commercialisation, from the clean technology, new materials, and food sciences sectors to Wanwu Advisor Panel members. Several technologies aroused the interest of the Panel members, such as 'ultrasonic defoaming' and 'novel ion exchange resins', identified for their cutting edge technology and suitability for their immediate application to the China market.



Australian Advanced Remediation Group (AARG) showcased in Shanghai, China

On 29 June, Austrade and Shanghai Environmental Protection Bureau (EPB) co-hosted an Environmental Remediation and Water Resource Management Workshop in Shanghai. Seven Australian companies (four from AARG) presented capabilities and experiences in environmental remediation with topics such as river basin planning and management, polluted land remediation, toxic and heavy metal removal systems, lake rehabilitation and testing.

Local attendees included environmental authorities, research institutes, environmental societies, universities, engineering and equipment companies. Both local and Australian participants were impressed by the event, hoping for further cooperation in the future.

Remediation is a crucial element in the Australia China Wanwu Eco-country Initiative and has been a major focus of the China Clean Tech Team's work over the last year.



L to R: Julie Anne Nichols, TC Shanghai; Lu Fukuan, Director, Shanghai Environmental Society; and Yang Chunlin, Director, International Corporation Division, Shanghai EPB

Austrade hosts Chinese environmental delegation's study tour to Australia

From 25 June-1 July 2011, a delegation from Hunan Province conducted an environmental remediation management and technology study tour in Australia. The tour was hosted by Austrade and included visits to Sydney, Canberra, Adelaide and Melbourne. The mission was led by Mr. Wang Huilong, Senior Vice Director General of the Hunan Province Environmental Protection Bureau and attended by provincial and local officials as well as company representatives. The program showcased Australian capabilities, particularly those of the Australian Advanced Remediation Group (including Otek, GHD and Earth Systems), and the South Australian and Victorian EPA's. The case studies and demonstrations demonstrated Australia's capability in the field of environmental remediation as well as the sector's suitability in dealing with comparable environmental problems in Hunan. Close relationships were established with key Chinese decision makers, with long term benefits for the Australian environmental services industry. The capability of the Australian companies participating in the visit left a positive impression on Hunan officials with several AARG companies having entered into contract negotiations for Hunan based projects.



China Clean Tech 'Fast Facts'

- China will invest 400 billion yuan (US\$62 billion) in the construction of 4 hydroelectric dams to help the government boost the share of non-fossil fuels in national energy consumption.
- China plans to expand its installed generation capacity of biomass power to 13 million kilowatts by the end of 2015.
- The Chinese government has pledged to intensify construction of water facilities in an urgent effort to enhance grain safety and fight drought and floods.
- Israel's Kardan Water signed two BOT Agreements for waste water treatment plants with the Zibo City Government in July 2011. They now own four such plants in Zibo, with total daily capacity of 130,000 cubic metres.

Upcoming event

Australia-China 2.0 – Trade Mission to China

The Australia-China 2.0 trade mission to China will occur between 4-10 August and include a visit to six cities including Guangzhou, Changsha, Wuhan, Chengdu, Chongqing and Shanghai. The mission will be led by the Minister for Trade the Hon. Dr Craig Emerson and the Hon. Richard Marles MP, Parliamentary Secretary for Pacific Island Affairs, with close to 100 Australian participating companies, including several Wanwu members. The mission has a broad services focus and in addition to clean tech companies will also include representatives from the infrastructure, green building, education, financial services and logistics industries. It is a familiarization mission with a focus on second tier cities which will also provide a forum for mission members to establish relationships with Chinese government and company representatives.

Like to know more?

For general information on the Wanwu initiative, please visit: <http://www.austrade.gov.au/Wanwu-members/default.aspx>

Or contact **Ashley Lu, Business Development Manager, Austrade**, on +86 755 6135 2117 or at: ashley.lu@austrade.gov.au