



Newsletter

EBA Newsletter September 2007

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Perspective

APEC Business Summit

Notwithstanding the lack of depth in the leaders' *Sydney Declaration* on climate change (see www.apec2007.org/documents/Declaration), the Business Summit was a very worthwhile and far-reaching meeting. The scale of the Summit provided business leaders with a rare opportunity for high level international dialogue with country leaders and heads of a number of institutions and businesses in the region.

Mark Johnson, the APEC Business Advisory Council Chairman, did an outstanding job of making climate change the key issue on the agenda. With the CEO/Chairman of many of Australia's top 100 companies in attendance it was encouraging to see how aware business leaders are of the magnitude of the issue. However, there are still many who are not aware of the *urgency* of the situation.

With some still suggesting that technologies will be developed in 20 years time to tackle the problem and the energy 'mix' likely to remain the same (even with growth in energy demand), EBA pointed out the need for immediate policy steps to help deploy existing and near-horizon clean energy technologies and materials, as well as the physical, financial and social infrastructure to support them. EBA challenged delegates to consider the urgency of keeping average global warming below 2 (and preferably 1.5) degrees Centigrade.

EBA emphasised the potential risk to businesses and investments posed by climate change and the speed at which the market is developing around solutions. Australian companies will miss out on significant opportunities without immediate policy action.

EBA CEO Fiona Wain's second intervention was to question coal being referred to as the "cheapest" source of energy available because at some point society has to pay the price for pollution and environmental degradation. She suggested that the proposed definition of 'energy security' should be changed to "Reliable supply, at reasonable cost, without collateral damage" and that negative externalities have to be included in the price of all sources of energy.

While there have been questions about the value of APEC, the opportunity to have country leaders and ministers in open dialogue with business leaders on the major issues of our time and our region, has immense public value. Certainly there were discussions that hopefully bode well for firmer outcomes at the UNFCCC conference in Bali this December (which EBA will be attending with a business delegation).

Many of the Business Summit delegates were keenly watching the recommendations going into the UN high level meeting in Vienna. The outcome - proposed cuts in GHG emissions of 25% to 40% by 2020 will form the basis for discussions in Bali and provide a more realistic approach to tackling climate change.

Targets for the future

Immediately following APEC, EBA released a paper on how Australia can reach targets of 20% greenhouse gas emissions cuts by 2020 and 60% by 2050. The combination of energy efficiency;

recycling materials, embodied energy, methane and soil carbon from the waste stream; fuel switching from coal to gas; and weaving in renewable energy sources to substitute for fossil fuels (solar thermal, deep hot rock geothermal; marine (particularly wave in the short term); wind and photovoltaics) could potentially deliver over 50% by 2020. However, there is a “but” and that is that the deployment of these technologies is entirely reliant on the right policy frameworks being put in place quickly enough.

As a brief explanation – clean coal technology, hydrogen and nuclear energy were not included in the 2020 targets. However, EBA recommends that longer-term energy systems also be fast-tracked and their contributions to emissions reductions be counted toward the 2050 target.

Far from creating a recession, EBA says that a new approach on technology and infrastructure could double or even triple the environment industry/cleantech sector’s \$20 billion a year turnover. This is something that EBA highlighted prior to the Environment Industry Action Agenda.

EBA calls on all parties to release revised energy and economic policies as an absolute priority before the election. The focus should not be on the cost of action - it should be on investment, seizing opportunity, and avoiding the cost and implications of irrevocable damage to civilisation’s eco-system services.

The full report can be seen at <http://environmentbusiness.com.au/content/view/197/255/>

China’s great sale

The retail supply chains of Australia, America and Europe have traditionally seen China and India as sources of goods at rock bottom prices. But this may end soon. The recent recall of products has hit reputations and bottom lines for importers who had previously not recognised environmental degradation as being on a par with child labour. Stories of health impacts of contaminated products are sending companies back to the drawing board with the result that China and India may finally see proper prices paid for wages, energy, raw materials and attention to occupational health and safety and environmental guidelines. It is about time that supply chains and consumers in developing countries realised that “cheap” comes with collateral damage. This is not only important in relation to lead paint in toys. If China and India are to provide significant help in reducing GHG emissions and combating climate change, they have to be given the tools to achieve this. Australia could take a lead role in encouraging all developed economy trading nations to require equivalent OHS&E standards behind all imports of resources and manufactured goods.

Pulp Mill

EBA has submitted a paper to the Federal Government suggesting that their jurisdiction should apply to the proposed release of effluent (containing dioxins and furans albeit in small amounts) from mixing zones. The ANZECC and ARMCANZ guidelines state that bioaccumulatory toxicants are not suitable for release at ocean mixing zones. EBA also questioned the impact of airborne emissions and the cumulative impact on soil and groundwater although we understand this is not something the Federal Minister for the Environment has jurisdiction over. EBA’s submission has been discussed with the Minister and with the Chief Scientist. The full submission can be seen at <http://environmentbusiness.com.au/content/view/197/255/>

In the lead up to the election

First a quote from Al Gore “The climate crisis offers us the chance to experience what few generations in history have had the privilege of experiencing: a generational mission; a compelling moral purpose; a shared cause; and the thrill of being forced by circumstances to put aside the pettiness and conflict of politics and to embrace a genuine moral and spiritual challenge.” (New York Times, 1 July 07).

And from EBA a clarion call for all parties and candidates to recognise that climate change is not just an environmental threat – it poses the biggest economic, health and security risk of all time. Now is the time for action on policy to take us forward. Government must stop downplaying the risks of climate change. In the words of Mark Lynas, author of Six Degrees, ultimately climate change action “is a political decision, and one in which all the world’s people must

be able to participate in an informed, democratic way if the decision is to be observed and supported by everyone.”

We have an opportunity – will we seize it?

Australia losing \$3.8 billion a year

A new analysis by Cambiar indicates that the Australian economy is missing out on about \$3.8 billion of economic activity a year because of the Australian Government's decision to not ratify the Kyoto Protocol.

These losses are made up of \$1.24 billion per year in lost opportunities associated with emissions reductions projects in Australia; \$2.38 billion per year in lost opportunities associated with the Kyoto Protocol's Clean Development Mechanism projects in other countries; and \$180 million per year in lost opportunities associated with carbon credit transactions.

According to the report's authors, Justin Sherrard and Alan Tate, Australia could be a regional leader in the carbon market, generating carbon credits from projects at home and around the region, as well as being a regional hub for the global carbon markets. “Ratifying the Kyoto Protocol and concerted action by Government and business to build capacity and develop regional ‘carbon business’ networks could help Australian companies to access these opportunities”, they said.

The analysis was commissioned by the Australian Conservation Foundation, and is available at: http://www.acfonline.org.au/uploads/res_Business%20case%20for%20access%20to%20Kyoto%20-%20FINAL.pdf

EBA News and upcoming events

Professor Stephen Schneider ‘Solutions to climate change’ dinner, Sydney, 2 Oct

Stephen Schneider is one of the world's most eminent and outspoken climatologists and environmental economists. In spite of the seriousness of the issue Stephen brings humour to his vast array of solutions. This is one of those 'must attend' events for specialists as well as newcomers to the subject of climate change. Stephen puts the problems and the solutions into straightforward de-jargoned language and crams more information into a talk than anyone else we know. EBA's *business leaders' supper clubs* are great events to network at as well - so we look forward to seeing you there.

Where PricewaterhouseCoopers, Pavilion, 201, Sussex Street, Sydney
When Tuesday 2 October
Time 5.45 p.m. commencing with networking and drinks, 6.30 for 6.45 p.m. dinner
Register www.environmentbusiness.com.au/events. EBA members have been emailed an invitation and benefit from priority booking at low member rates.

EBA's Annual Business & Sustainability Summit

To be held in Sydney and Melbourne this year

The format of our annual summit is changing this year. Given the increasing number of events and conferences, and the time constraints that all of us face, we are planning the summit in two parts - in Sydney and Melbourne. The focus will be on deploying the solutions to environmental challenges and the vast new opportunities for the environment industry and cleantech sector as markets and go 'green and clean' and invest in next generation infrastructure. Place these dates in your diary and watch this space for further updates

Sydney 5 November 2007 (not 6 November as previously announced)

Melbourne 20 November 2007

Time Both events will commence at 3.00 p.m. and include networking drinks and dinner

Speakers and venues will be available shortly

EBA's membership renewals for 2007-2008

Thank you to all members who have promptly paid their membership dues. If you have not yet renewed please do so as soon as possible to avoid missing out on your membership entitlements. Reminder invoices were recently posted to your address, so if you have not received yours, or want

to double check your membership status, please contact Robyn Kennedy on 02 6270 1333 or email eba@environmentbusiness.com.au to ensure we have your current postal details, or to request an email invoice.

National

Regulatory burdens

The Productivity Commission has released its report on Regulatory Burdens on Primary Sector. One of their key findings is that from the perspective of each farmer, mining company and other primary sector business, governments impose a significant array of complex, and at times overlapping, regulatory burdens. The full report can be seen at www.pc.gov.au/regulatoryburdens/primarysector/draftreport/index.html

Sustainability Charter

The all party Environment and Heritage Committee has published a report 'Sustainability for Survival' recommending a national sustainability charter for sustainable development. The full report can be seen at www.aph.gov.au/house/committee/environ/chapter/reprt.htm

South Australia offers unprecedented solar "feed-in" legislation

The South Australian Government has released solar "feed-in" legislation which will see homeowners with solar panels receive double-credit for power they feed-in to the grid. Amendments to the Electricity Act 1996 will be introduced to create a scheme that will reward owners of residential solar photovoltaic installations for the excess electricity they return to the grid.

Source: Premier and Cabinet of South Australia 13/08/07

Foundations for Australian emissions trading scheme

Legislation providing the first major plank of Australia's emissions trading scheme has been introduced into the Parliament. The National Greenhouse and Energy Reporting Bill 2007 lays the foundation for Australia's emissions trading scheme which is intended to be the most comprehensive trading scheme anywhere in the world.

Source: Minister for the Environment and Water Resources 15/08/07

EBA's comments centred on support for the recommendation by CoAG that greenhouse gas reporting should be "mandatory and in the public domain". At first reading the Bill was not as strong as it could be in upholding the public domain aspect of reporting. EBA's full submission can be seen at www.environmentbusiness.com.au

Australia to model impacts of climate change on coastline

Australia will invest \$1.7 million in world-leading technology to model the impacts of climate change on the whole of Australia's coastline. This is the first time a whole continent anywhere in the world will be able to model the impacts of climate change on their coasts.

Source: Minister for the Environment and Water Resources 20/08/07

Water should be competitively priced

Professor Mike Young, research chair in water economics and management at Adelaide University has said that if competition works in the gas and electricity sectors it should also work with water. He said significant step changes were required and that governments needed to depart from the grants, subsidies and restrictions that have become the norm and embrace market opening reforms that would provide investment incentive.

Skill up or import enviro industry workers

A report on fast-tracking the development of low emissions technology from Deloitte, Anglo Coal, BP, Mirvac, Rio Tinto, Santos, Swiss Re, VicSuper and Westpac says that the shortage of technically skilled workers in Australia is a barrier to continued development. The authors also say that government and business need to work more closely to drive essential technological change or "we risk business not making the necessary investment."

Survey on climate change

A survey of 810 companies by the Australian Industry Group and Sustainability Victoria has revealed most manufacturers and commercial builders have little information on how to manage climate change and most do not understand the concept of an emissions trading scheme. Electricity use was identified as a key savings opportunity, along with waste management and water use.

Wind technology manufacturer to close

Victoria's largest manufacturer of wind energy technology is to close. 136 manufacturing workers will lose their jobs and future Australian wind farms will have to import turbine blades from overseas. The Victorian Minister for Climate Change voiced concern that Vestas' decision to close their Portland factory was the latest result of a lack of federal government support for the renewable energy industry.

Source: Victorian Minister for Climate Change 22/08/07

\$6.5 towards safeguarding water and improving access to clean energy

Australia will contribute \$6.5 million to global environmental initiatives to reduce greenhouse gas emissions and safeguard water resources across the Asia-Pacific. Australia will provide \$5 million for a new climate change and water management initiative in the Mekong region, and together with the Renewable Energy and Energy Efficiency Partnership will provide \$1.5 million to help improve access to reliable, clean and affordable energy sources such as solar energy, across the Pacific.

Source: Minister for Foreign Affairs 16/08/07

Rural business and community leaders plan for climate change

Seven leading business and community organisations, including Westpac, Visy and AgForce, have formed the Agricultural Alliance on Climate Change to work towards securing the future of rural Australia and building the foundations of Australia's clean energy economy. Rural communities, and the businesses that support them, are at the frontline of climate change and regulatory impacts.

Source: www.agforceqld.org.au 16/08/07

Tasmania preparing for climate change

Tasmanian Minister for Primary Industries and Water declared the recent floods are a practical example of why it is good for Tasmania to actively prepare itself with knowledge and strategies to handle projected impacts of climate change.

Source: Tasmanian Minister for Primary Industries and Water 16/08/07

Pollution from petrol pumps to be slashed by up to 95%

The NSW Government has flagged new 'Australian first' measures to tackle ozone smog and other harmful air pollutants within the Greater Sydney Basin in response to the Parliamentary inquiry into Sydney Air Quality. NSW will begin consulting with industry and community groups about installing new vapour recovery technology in service stations across Sydney, Newcastle and Wollongong. Vehicle refuelling results in an estimated 5,000 tonnes of petrol vapour, or ozone smog-forming emissions, ending up in the atmosphere over the Sydney basin - equivalent to an additional 370,000 cars on the road. Stage 2 vapour recovery involves modifying existing petrol bowsers to reduce by up to 95 per cent the amount of petrol vapour being released when people fill up their cars.

Source: Minister Assisting the NSW Minister for Climate Change

Goulburn-Murray water draft 2008 Water Plan

The purpose of the 2008 Water Plan is to clearly articulate and commit to a set of outcomes and prices to be delivered over the regulatory period. Goulburn-Murray Water's 2008 Water Plan seeks to provide sufficient detail to satisfy key stakeholders and the Essential Services Commission (ESC) that proposed prices will provide sufficient revenue over the regulatory period to meet its obligations and deliver the level of service required by customers in an efficient manner.

Climate change centre to assist far North Queensland Regional Plan

State Natural Resources and Water Minister announced the new Queensland Climate Change Centre of Excellence (QCCCE) is providing expert climate change forecasts to agencies preparing

the Far North Queensland Regional Plan. It employs 36 Climate scientists and provides the State Government with scientific and policy advice.

Source: Queensland Natural Resources and Water Minister 21/08/07

Nuclear power seen as a lesser evil than climate change

Four significant risks of the nuclear energy industry are the potential for radiation contamination, nuclear reactor safety, the unlawful access to uranium to make weapons, and long-term waste disposal. However, to date, other industrial activities, including coal mining, have proven more devastating in practice. It is possible that the concerns about nuclear power have ultimately left Australia worse off, with some now seeing nuclear power as a lesser evil than climate change.

Source: AFR - Tony Grey 27/08/07

Announcement of DITR Global opportunity programme

The Minister for Industry, Tourism and Resources has announced a new global market-oriented programme of funding for industry totalling \$254m over 10 years.

Bottom line, there is about \$10m to be spent this financial year, in two tranches; applications for the first open on 27 September and close end October, a second round opens in March. There are two basic options; a campaign under which funds are used to facilitate access to an identified market opportunity for a cluster of companies with identified capabilities in a particular field; and a business plan under which a cluster of companies works towards getting ready for a campaign.

International

APEC + India preferred but vetoed

The achievements of APEC may be limited by the exclusion of India. At the leaders' meeting in Sydney India's application for membership was declined.

UNFCCC conference in Bali

The conference will be greatly strengthened this year with Finance Ministers participating directly for the first time.

Unsentimental capital

Josh Carmody, former EBA director and Baker & McKenzie Partner, now with the Asian Development Bank, says the Kyoto Protocol's CDM is a great multi million dollar success. He said 'unsentimental capital' was entering the voluntary carbon market but that regulated certainty was a must for the majority of major projects. Reiterating the theme of urgency, Carmody says there is an 18-month window of opportunity for political leaders to act if the right policy settings are going to be put in place in time.

Prince Charles leads insurers to 'war' on climate change

The UK insurance sector has launched a new initiative to tackle climate change and encourage more climate-friendly behaviour among customers. ClimateWise, initiated by the Prince of Wales and developed by the Association of British Insurers, has attracted 37 signatories including the UK businesses of Swiss Re, Allianz and Aviva. They have agreed to six principles that will help the insurance sector deal with climate change risk. The companies have pledged to:

- analyse climate risk
- inform public policy making
- support climate awareness among customers
- incorporate climate change into investment strategies
- reduce the environmental impact of their business
- publish an annual statement on actions taken

Source: Environmental Finance, 13 September 2007 -

Cash returns for Singapore investors from climate change fund

Global warming now offers Singapore investors a chance to make some cash returns. DWS Investments, the mutual funds asset management arm of Deutsche Bank, officially launched the DWS Global Climate Change Fund in Singapore. The fund is open to investors with a minimum

initial investment of \$1,000 or US\$1,000 (S\$1,505). It aims to invest in companies that are working to cut greenhouse gas emissions and those working to deal with the irreversible effects of climate change. The fund had a soft launch in Singapore, featuring distributors such as Standard Chartered Bank, ABN Amro, HSBC and OCBC Bank. So far, more than \$20 million has been raised in Singapore from retail investors. Globally, the fund has raised more than 1.6 billion euros (S\$3.33 billion).

Source: The Straits Times (Singapore) 16/08/07

China approves 78 CDM projects

China's Office of National Coordination Committee on Climate Change, acting as China's designated national authority (DNA) for the CDM, announced the government has approved 78 more projects that can generate 8.9 million carbon credits per year under the Kyoto Protocol's Clean Development Mechanism (CDM). China has now approved 679 CDM projects to be carried out in the country, with the potential to generate 205.4 million certified emissions reductions (CERs) annually. The largest project in the latest announcement is the China Tongwan Hydropower Project, owned by the Hunan Zhongfang Tongwan Water Resources & Hydropower Development Co. The project is estimated to earn almost 620,000 CERs annually. Swedish Carbon Asset Management is listed as a buyer from the Tongwan project and is also listed as a buyer from a host of other recently announced hydropower projects – in total 10 projects that can earn investors an annual 1.03 million CERs annually.

Source: Point Carbon 27/08/07

\$100 million to conserve forests

The Kalimantan Forests and Climate Partnership was signed at APEC by Indonesia and Australia. The aim is to preserve 70,000 hectares of degraded forests and to plant 100 million trees. The important Kalimantan region of Indonesia home to endangered species including orang utans and rhino. EBA believes that a ban on importation of illegally logged tropical rainforest timber into Australia should accompany this important project.

Environmentalists urge Brown to overhaul Britain's energy policy to meet EU targets

Environmental groups and the renewables industry urged Gordon Brown to overhaul government energy policy if Britain is to have any hope of meeting its EU targets to combat climate change. Groups including Greenpeace, the Renewable Energy Association, Friends of the Earth and the New Economics Foundation opposed revelations that government officials had acknowledged that the UK would struggle to meet the EU target of 20% renewables by 2020 and had suggested it be reinterpreted to make it easier to achieve. An internal Department for Business, Enterprise and Regulatory Reform (DBERR) paper showed that under current policies Britain, which currently sources 2% of its overall energy from renewables, would get to only 5% by 2020. The EU average at present is 7%. Germany, Europe's biggest economy, is currently on 13%, but hopes to get to 27% by 2020, thanks to its large renewables industry.

Source: The Guardian (London) - Final Edition - Ashley Seager 14/08/07

Thailand ends CDM drought

Thailand's government has issued host country letters of approval to eight GHG reduction projects, clearing the way for these schemes to be registered by the UN and to generate carbon credits under the Kyoto Protocol. This ends a seven-month drought, during which government approval was hindered by continuous legal and bureaucratic deliberations. The eight projects have the potential to generate 405,108 credits per year, with two projects accounting for 270,000 credits per year alone. It is estimated that the Surat Thani Biomass Power Generation Project could produce 171,774 credits per year, while the Jaroensompon Corporation Rachathewa Landfill Gas to Energy project could generate 99,139 credits per year. Japanese trading house Mitsubishi Securities is listed as the project participant in both projects. The country has now approved 15 projects under the UN's CDM.

Source: Point Carbon 28.08.07

Japan will be the first country to implement government-led CDM projects

The Environment Ministry has decided to acquire CO2 emission credits under the CDM by financing projects to reduce greenhouse gas emissions in developing Asian countries, starting from fiscal 2008. The decision was made as part of the government's efforts to meet Japan's reduction target

stipulated by Kyoto. The ministry plans to invest in electric power generation and other projects with the aim of cutting CO₂ emissions in several countries, including Thailand and Indonesia, and will request 1.5 billion yen for these projects from the government's fiscal 2008 budget. Japan will be the first country to implement government-led CDM projects among industrialised countries. The ministry estimated it can acquire a maximum of about 3.5 million tons of CO₂ emission credits if the planned projects are successful. Currently, trading and electric power companies operate CDM-based projects to technically reduce their greenhouse gas output, or exchange greenhouse gas emission credits. The ministry will select six projects that could help prevent global warming and serve as countermeasures to reduce water and air pollution.

Source: The Daily Yomiuri (Tokyo) - Yomiuri

CCS to ease Ireland's financial penalties

Ireland's government is developing a plan to cut its potential GHG bill of €1billion by carbon capture and storage (CCS). If the strategy proves successful it could also eliminate the need to consider building the country's first nuclear power plant. Between 2008 and 2012 Ireland's GHG emissions must be no higher than 60m tons a year. Emissions currently exceed this target by 10m tons but from next year onwards taxpayers will be required to pay for missed targets. Ireland proposes to purchase €270m of carbon credits by 2012 to cover excess pollution. This figure was disputed by industry experts who claimed the real cost of financing pollution would reach €1billion over the same period. In an effort to reduce Ireland's financial exposure, two CCS projects with the potential to reduce emissions from fossil fuel-burning power stations are under way.

Source: Sunday Times (London) - Mark Tighe 5/08/07

Japanese and Indonesian leaders agree to cooperate on climate change

Former Japanese Prime Minister Shinzo Abe, and Indonesian President Susilo Bambang Yudhoyono issued a joint statement pledging increased cooperation on climate change, environment and energy issues. "Both leaders expressed their determination to take part in an effective framework on climate change beyond 2012 under the UNFCCC in which all major emitting countries participate," according to the joint statement. Yudhoyono stated his appreciation for Abe's "Cool Earth 50" initiative - which is aimed at halving global greenhouse gas emissions by 2050 from the current levels - "as an important policy input" for the 13th conference of parties to the UN Framework Convention on Climate Change (UNFCCC) to be held in Bali.

Source: Point Carbon 20/08/07

USA State reaches settlement on GHG emissions

San Bernardino County, one of the fastest-growing regions in the US, will be forced to measure how much it contributes to global warming and set targets to begin cutting its greenhouse gas emissions, according to a legal settlement. The case, brought by Attorney General Jerry Brown, had opened a new front in the battle against climate change, which has so far been dominated by efforts to regulate power plants, industrial factories and vehicle tailpipe emissions. Counties across California are grappling with the realisation that local decisions about where to allow new subdivisions and roads, and how buildings are constructed, are factors in the climate changes that are depleting the water supply, fueling forest fires and amplifying air pollution in the state.

The settlement with San Bernardino County, which is expected to grow by 500,000 people by 2030, "sets the pace for how local government can adopt powerful measures to combat oil dependency and climate disruption." San Bernardino, famous for its sprawling subdivisions, currently generates about 10 trips per household per day, and more than 84% of work trips are made by vehicle. The Attorney General argued that California's 1970 Environmental Quality Act, which has traditionally addressed the air and water pollution effects of development, also covers carbon dioxide and other greenhouse gases. Republicans in the Legislature, outraged by Brown's aggressive stance, blocked passage of the state budget, demanding that the Environmental Quality Act be exempt from regulating global warming. In a compromise, lawmakers agreed that by 2010, new rules would be adopted spelling out how to mitigate the greenhouse gas emissions of projects covered by the law.

Source: Los Angeles Times - Margot Roosevelt 22/08/07

Carbon finance not enough for developing countries

A discussion paper by the Wuppertal Institute of Climate, Energy and the Environment reports that income from the sale of carbon credits from emissions reduction projects will not be enough to

cover the cost of curbing the growth in greenhouse gas emissions in developing countries. The analysis shows that developing countries face costs in the order of \$10 billion-\$200 billion to move towards a low-carbon economy, well above what carbon project finance can provide. The report argues that the CDM is inadequate because it only generates funds in the range of hundreds of millions, however according to recent Point Carbon research, industrialised countries made deals to purchase CDM credits worth €2.8 billion in the first half of this year. *Source: Point Carbon 21.08.07*

Welcome new EBA members

Origin Energy

Contact - Tony Wood (03) 9652 5506

Origin Energy is a major Australasian integrated energy company involved in gas and oil exploration and production, energy retailing, power generation and utility network management. We aim to be customers' preferred choice by delivering sustainable energy solutions and a superior customer experience.

Laughing Mind

Contact - Brian Hill 0414 430 450

The Environment Business Sector is experiencing an explosion of the new information, with a need to adapt, manage and take advantage of this. Laughing mind provides business consulting services for information design, management & collaboration. We have a history of success in vendor neutral advice for online business transformation, technology selection, alignment and risk management, service continuity and project delivery. Our focus on ease of use and corporate sustainability are key principals in our work.

Amdel Environmental

Contact - Dr Jim Gonis (03) 9538 2277

Amdel provides Environmental Consultants with an extensive range of environmental testing services, these include testing of a full range of metals, organics and inorganics in soils, sludges, water, sediments or biota as well as comprehensive suites of NATA accredited metals and inorganic analyses.

EBA member advertising

If you are a member of EBA and would like to advertise in this space, please contact Robyn Kennedy at EBA on eba@environmentbusiness.com.au or ph 02 6270 1333

Employment opportunities



Corporate Sustainability Consultants – all levels Melbourne

Join this leading management consultancy experiencing considerable growth in their sustainability advisory and assurance group. Opportunities exist at all levels within the group (consultants through to senior managers) to provide high level consulting services across the areas of corporate sustainability, climate change, environmental and sustainability risk, greenhouse and environmental performance. We would be interested in hearing from individuals with relevant tertiary qualifications who have excellent inter-personal and communication abilities, are client service focused, and are able to demonstrate capabilities across sustainability areas. The more senior roles will require abilities that include leadership, project management, client relations and mentoring. An attractive salary package will be offered commensurate with level of experience.

Please forward your resume 'in confidence' (quoting job title and code SWEBA250) to: scott.white@principal.net.au or call Scott White for a confidential discussion on 1300 362 643 (direct line). To find out more about Principal or subscribe to our job updates by RSS or email, please visit our web site www.principal.net.au

Contaminated Land Consultants, Melbourne, Sydney, Brisbane, Perth

Develop your career working on projects with high profile clients across all areas of contaminated land.

Senior Hydrogeologist – Melbourne

Opportunity to lead groundwater consulting practice. Join a leading consulting group who consistently outperform expectations and are noted for their ability to provide top tier consulting solutions.

Manager – Strategic Planning, Melbourne

Lead a strategic planning consulting practice within this multi-disciplined consulting group.

Water Engineer, Brisbane

Are you ready to be a leader? Be a part of this reputable engineering consultancy groups' expansion into South East Queensland.

Senior Process Engineer – Water/Wastewater, Melbourne

This is a fantastic opportunity for an experienced Process Engineer to lead the process design of water and wastewater projects with this international engineering consultancy.

Senior Water Planning & Policy Engineer - Brisbane

This leading global consulting organisation is seeking a technical leader to help deliver water cycle and policy projects.

Natural Resource Management Specialist, Regional NSW

A leading NSW water supply and services organisation operating within a comprehensive natural resource management program are looking to make the strategic hire of a NRM Specialist.

Senior Water Resources Engineer, Melbourne

Project diversity. Lead. Advise. Grow. This rapidly growing and well-known engineering consultancy is seeking a Water Resource Engineer to lead the development of water resources within their water group.

Business Development Manager, Waste Water & Bioclarification Applications, Sydney

An outstanding opportunity exists for an experienced BDM to join the Sydney office of a well-known product and process solutions provider that is currently on its way to becoming a leading worldwide e-business company.

Acoustics Consultants, Sydney

Multi-disciplined environmental consulting group have opportunities for acoustics consultants to join their leading Sydney practice.

Environmental Consulting Manager, Melbourne

Lead and grow an environmental consulting practice based in Melbourne for a leading multi-disciplined consulting group.

EIA Consultants – Australia wide

Are you an experienced EIA consultant? This leading consulting organisation with a specialist EIA group is looking to continue their growth following a sustained period of business development.

Diary of Events

Australia

Ethanol & Biodiesel conference

Brisbane, 25 -26 September

For further information please contact tina.larsen@informa.com.au or visit www.informa.com.au/biofuels

Managing contaminated land

Sydney, September 19, AEBN, www.aebn.com.au.

Environment and carbon risk update: what industry in Australia is doing and could do.

Sydney, September 21, Environmental Manager, LRA.Service@thomson.com.

EBA Dinner with Professor Stephen Schneider

Sydney, 2 October 2007

Where PricewaterhouseCoopers, Level 10, 201, Sussex Street, Sydney

Time 5.45pm starting with networking and drinks, followed by dinner at 6.30pm

To register www.environmentbusiness.com.au/events

Greenhouse 2007

Sydney, 2 - 5 October 2007

GREENHOUSE 2007 will present an opportunity for scientists and representatives from industry and all levels of government to hear the latest findings in climate science, and discuss the implications for Australia and the region; featuring keynote speakers Professor Sir David King, UK Chief Scientist; Professor Stephen Schneider; Professor Tim Flannery <http://www.greenhouse2007.com>

“Going carbon neutral” and beyond

Sydney 2nd October 2007; Melbourne 4th 2007

http://www.netropolis.com.au/clients/ethical_investor/

EIANZ forums – the 3rd wave in environmental practice

Melbourne, Oct 3; Hobart, Oct 5; Perth, Oct 9; Adelaide, Oct 11; Canberra, Oct 16; Sydney, Oct 19. www.eianz.org.

Emissions trading workshop: getting a fair deal for plantations, timber and paper.

Sydney, October 10. A3P. www.a3p.asn.au

Energy leaders' forum Australia 2007

Sydney, October 15 -18. www.terrapinn.com/2007/

Save Water Save Energy Expo

Melbourne, Oct 19-21. www.savewatersaveenergyexpo.com.au/

Carbon market series

Sydney, Oct 12; Brisbane, Oct 15; Adelaide, Oct 23; Perth, Oct 25; Melbourne, Oct 31. www.bcse.org.au.

Environmental management systems workshop

Sydney, October 23-25. www.thomson.com.au/catalogue/shopexd.asp?id=680.

Awareness to action - sustainable finance for today's global markets: UNEP FI 2007 global roundtable

Melbourne, Oct 24-25, www.unepfi.org.

Carbon capture and storage – the emerging industry

Sydney, Oct 29-30, www.conferenceworld.com.au.

Risk management workshop

Newcastle, Oct 30-31. www.grahamabrown.com.au

EBA's Annual Business and Sustainability Summit is coming to Sydney and Melbourne

Place these dates in your diary and watch this space for further updates...

Sydney 5 November

Melbourne 20 November

Time Both events will commence at 3.00pm and include networking drinks and a guest dinner speaker

Environment managers' practitioners workshop

Melbourne, Nov 15-16. Aust Environment Business Network, www.aebn.com.au

2nd national landfill and transfer stations conf: zero waste – what best practice means for landfills

Melbourne, Nov 19-21. WMAA, www.wmaa.asn.au

2nd national landfill and transfer stations conference: zero waste – what best practice means for landfills

Melbourne, Nov 19-21. WMAA, www.wmaa.asn.au

Bioenergy Australia 2007conference

Gold Coast, November 26-27 Bioenergy Australia, sschuck@bigpond.net.au

4th annual conf of the Aust Environmental Law Enforcement & Regulators' Network

Adelaide, Nov 26-28. AELERT, www.aelert.com.au

International

8th European Gasification Conference

10 - 12 September 2007 <http://www.icheme.org/gasification2007/index.htm>

2nd Clean Coal & Carbon Capture: Securing the Future

13 - 14 September 2007 <http://www.coaltrans.com/default.asp?Page=11&eventid=ECK166&site=coaltrans>

Tenth Grove Fuel Cell Symposium

25 - 27 September 2007 <http://www.grovetfuelcell.com/conf.htm>

Investing in Energy Storage Technology 2007

11 - 12 October 2007 <http://www.fralc.com/conference.aspx?ccode=B542>

Gasification Technologies 2007

14 - 17 October 2007. <http://www.gasification.org/>

Investors' Summit on Climate Change Investment Opportunities

16 - 17 October 2007 <http://www.frallc.com/conference.aspx?ccode=B507>

Climate Change 2050: Technology and Policy Solutions

24 - 26 October 2007

Organised by the Pew Centre for Climate Change the conference will bring together notable speakers from government, business and academia to explore the critical technology and policy challenges.

http://climat2050.org/index.php?sel_lang=english

Cleantech Forum XIV

24 - 26 October 2007

The forum theme is "Accelerating Demand and Market Adoption" and will draw together clean technology entrepreneurs and investors, as well as corporate executives, professional advisors, and senior policymakers in an exchange of information about cleantech business and investment opportunities.

<http://cleantechnetwork.com/index.cfm?pageSRC=EventListings>

Investing in Solar II

29 - 30 October 2007

A focus on the latest technology and manufacturing advancements as well as innovative, financing methods that enable rapid growth throughout the industry. A panel of developers and investors will shed light on new advancements and trends.

<http://www.frallc.com/conference.aspx?ccode=B544>

Clean Technology and Industrial Growth

7- 8 November 2007

A Forum designed to both introduce and update venture capitalists, private equity and institutional investors on innovative growth companies within the alternative energy, alternative fuels, energy technology, water technology, remediation and pollution control, manufacturing technologies and materials science sectors.

<http://www.pacgrow.com/conferences/TechCleanTech2007/>

World Energy Congress 2007

9 - 15 November 2007 <http://www.rome2007.it/>

These companies are Environment Business Australia Benefactor Members



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Please contact Robyn Kennedy at the EBA secretariat for advertising rates on 02 6270 1333 or email eba@environmentbusiness.com.au **Deadline for articles 20th of each month.**

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