

green markets brief

EWN Publishing

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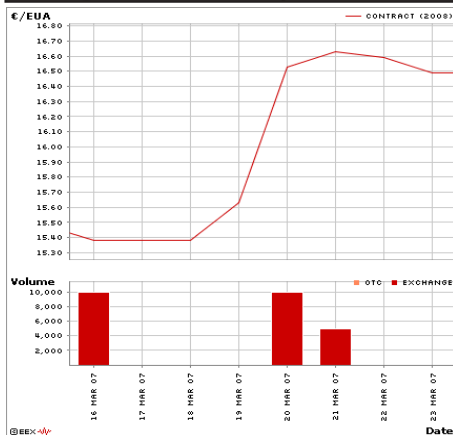
EU CO2 SPOT PRICE; 2008 PRICE

19 March price €1.12; €15.63: EU allowances for the first phase lost €0.12 this morning, while second-phase allowances saw modest gains, against the backdrop of strong utility buying.

20 March price €1.05; € 16.53: The price of European carbon allowances for delivery next year traded at a three-month high during morning trade, boosted by traders speculating the European Commission will cut the supply of allowances in the second phase of the scheme later this week.

21 March price €1.03; €16.63: The December 2008 carbon contract edged up in early trading Wednesday, though turnover was relatively thin as market participants awaited possible rulings on National Allocation Plans (NAPs) from the European commission, traders said.

Surge for 2008 price



Source: <http://www.eex.de>

22 March price €1.02; € 16.59: European CO2 allowances for 2008 compliance experienced volatility during morning trade, with the December 2008 peaking at €16.50 and reaching a low of €16.15, due to what traders described as market uncertainty.

23 March price €1.02; € 16.49: European allowances values stayed largely unchanged on Friday.

GLOBAL POLLIES

Legislators push for 2009 deal: An organisation of global legislators will this year publish a package of proposals on how the international community could reach agreement in 2009 to combat global warming after the first Kyoto period ends in 2012.

Denmark to host 2009 meeting: Denmark will host the UN climate change summit in 2009, the year when observers hope a post-2012 international framework can be signed, it has emerged.

GREEN POLITICS BITES

Kyoto Protocol to topple Govt? Canada's Conservative Party is facing mounting pressure from the country's main opposition parties to embrace hard emission caps in line with the Kyoto Protocol, a move that could trigger an election this year, according to Canadian media reports.

EU POLICY

EU stick for laggards: The European commission is taking legal action against Bulgaria, Estonia, Greece, Italy, Luxembourg and Malta for stalling plans to tackle climate change, the commission said in a statement.

EU plans caps for shipping: The European commission this week confirmed plans to set carbon emission caps for the shipping industry, *The Financial Times* reported.

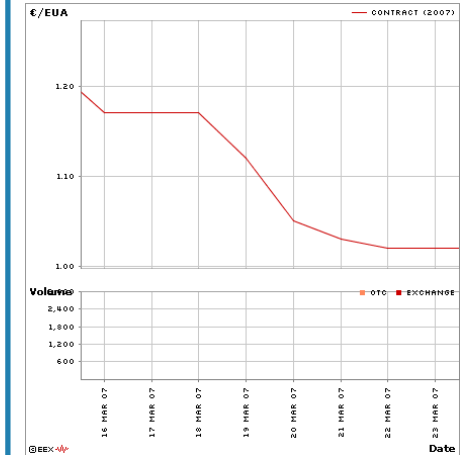
Traders for single data release: An industry group representing European energy traders has called on European Union member states to ensure a timely and co-ordinated release of figures showing how much carbon dioxide their trading sectors emitted in 2006.

UK £800m global enviro fund: The UK has pledged £800 million (€1.18 billion) for a so-called "Environmental Transformation Fund" to help developing countries combat global warming, with £50 million earmarked to help conserve the Congo Basin rainforest.

US POLICY

US nixes global trading scheme: The US rejected the idea of a global emissions trading scheme as a means to curb greenhouse gas emissions (GHG) at an environment ministers meeting in Potsdam over the weekend.

Carbon spot price tumble



Source: <http://www.eex.de>

The US also disagreed that industrialised countries should reduce more than developing countries.

Prez candidate for cap-and-trade:

Democratic presidential candidate John Edwards on Tuesday presented his energy platform, which calls for mandatory cuts in US greenhouse gases and a cap-and-trade programme.

US GHG border tax? The US could force developing countries to take on greenhouse gas emissions targets by imposing import tariffs on countries that don't, Michael Morris, chief executive with major US utility AEP, told a committee of the House of Representatives.

States registry goes national: The Climate Registry, an effort by members of existing US greenhouse gas registries in

various regions, sent a letter to the governors of all 50 US states on Friday requesting participation in the initiative to build a unified national registry for the entire US.

CARBON DUMPS

UK wants bids for project: The UK could become the first country in the world to host a full-scale carbon, capture and storage project, designed for the sole purpose of reducing carbon dioxide emissions after the government said it planned to tender for a demonstration project.

Dump it in California: The geology of the United States, particularly that of California, is conducive to storing large quantities of carbon dioxide (CO₂) underground, a panel of experts told a climate conference.

MECHANISMS - JI

Japanese banks invest: Two Japanese banks have agreed to finance a wind-farm project in Bulgaria which would generate carbon credits to be purchased by Japan Carbon Finance, a source with the Japan Bank for International Cooperation told Point Carbon.

NUCLEAR POLICY

Dems see Govt nuke twitch: "It is very clear to me that the government could, in our next week of sitting, change the *Environment Protection and Biodiversity Conservation Act* in ways that would remove the illegality of a nuclear

facility," Democrats MP Lynn Allison told the Senate on 1 March 2007. "The government has shown contempt for the EPBC Act on numerous occasions, so it is quite feasible to imagine that in this case it would do likewise". mm

Nuke poll blow to Govt: The majority of Australians oppose the building of nuclear reactors and only slightly less are in favour of expanding uranium mining according to a new poll, which signals problems for both the federal government and opposition. The poll taken by Green pulse at the end of last month found that; only 29 per cent of Australians were in favour of nuclear power, 51 per cent were opposed to it; and 20 per cent were undecided. This is in contrast to a recent Newspoll that found 45 per cent of Australians were in favour of building nuclear reactors, although they were asked in the context of combating global warming. The new poll is a blow to Prime Minister John Howard who has consistently argued that nuclear power should be a central plank of the energy mix over the next 100 years, as it is the only baseload power source that generates almost no greenhouse gases. MM

ALP: open inquiry submissions: Industry and Resources Minister Ian Macfarlane, in response to a Labor query during parliament question time on 1 March 2007, said he would consider releasing a Switkowski inquiry submission from the Nuclear Fuel industry, as the minister responsible for the nuclear industry is. Will the minister release the full submission to the Switkowski inquiry from Nuclear Fuel Leasing Group, a company seeking to build a global nuclear waste dump in

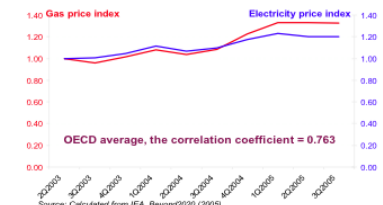
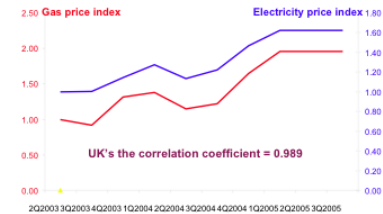
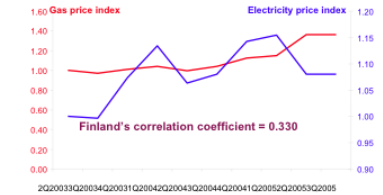
Australia? Macfarlane said: "I do not have a full list of who made submissions to that inquiry, but I am happy to get the House a full list, based on the fact that it is not commercial-in-confidence, which was one of the conditions of releasing that to the public. I will ask those people involved, personally, if they are happy for the report to be released". *Reference: Hansard.*

Nuclear industry "con job": Democrats Victoria Senator Allison told the Federal Senate on 1 March 2007 that the nuclear industry had carried out one of the "biggest PR con jobs" ever in promoting its facilities as an answer to climate change. "I reckon someone should do a PhD on the PR job that the nuclear industry has carried out on how to get nukes back on the agenda – 'Leß use climate change!' It is one of the biggest PR con jobs I have seen in a very long time and I reckon there will be not one but many PhDs written on that very con job; and unfortunately this government is falling for it. I do not think Australians are falling for it". *Reference: Senate Hansard MM*

Greens: Switkowski nuke fix-up: Greens Senator Rachel Siewert told the Federal Senate on 1 March 2007 that the Switkowski review panel "used a highly optimistic set of assumptions favouring nuclear energy". "This hand-picked, pro-nuclear panel used a highly optimistic set of assumptions favouring nuclear energy and still concluded that public subsidies or carbon taxes would be needed to make the nuclear industry competitive—that is, before realistic estimates of decommissioning, comprehensive insurance, research and development, waste transport, mine

Gas, electricity price trip

Figure 5 Correlation coefficients of electricity and gas prices 2003-2005



Power cost comparisons: The correlation coefficients shown in the above-mentioned figure are calculated on the basis of the historical and short-term (three-year) data. This figure in the UK was very high, approaching to 1, while it was low in Finland, at 0.33. The reason is that in UK gas power generation is dominant while in Finland (together with Sweden), nuclear power and hydro power are dominant. Reference: IEA Working Paper Series: Modeling Investment Risks and Uncertainties with Real Options Approach, February 2007.

rehabilitation and waste are factored in. Of course, the same carbon taxes that potentially could help nuclear industries and energies are very helpful for renewable energies and would help the renewable energy industry take off, as they have in other parts of the world. However, unlike nuclear power stations, they could be installed virtually overnight and they will not leave a legacy of hazardous waste lying around for millions of years all over Australia". mm

Vic Govt enables nuke vote: The Victorian Government introduced a parliamentary bill on 15 March 2007 to enable a plebiscite on any future establishment of a nuclear facility within the state. State Minister for Industry and State Development, T. C. Theophanous, and MP Gavin Jennings tabled a statement in accordance with *Charter of Human Rights and Responsibilities Act*. Theophanous said: "The bill amends the *Nuclear Activities (Prohibitions) Act 1983* to facilitate the holding of a plebiscite in Victoria in the event that the commonwealth government takes action to support or allow the constructions of a prohibited nuclear facility in Victoria". mm

EU: nukes are renewable energy: The European Union has decided that nuclear power is a renewable energy source, as well as agreeing in principle to reduce greenhouse gas emissions, reported *The Australian* (12/3/07). EU leaders pledged to ensure that 20 per cent of Europe's energy would come from, renewable sources by 2020. The commitment of all 27 member nations is legally enforceable by the European Court of Justice. In a sop to France and

the Czech Republic, a country's nuclear power capability would be taken into account when calculating national commitments to renewable energy. Mm

FED POLICY

Fed \$100m for Loy Yang: The Howard Government announced plans to inject a further \$100 million into clean coal technology to reduce greenhouse gas emissions. Industry Minister Ian Macfarlane and Environment Minister Malcolm Turnbull last week announced that Victoria-based HRL Limited will receive a \$100 million grant for a \$750 million clean coal technology project. The project, funded under the Australian Government's "Low Emissions Technology Demonstration Fund" (LETDF), has the potential to slash greenhouse gas emissions generated by coal-fired power stations. <http://www.ausindustry.gov.au> mm

Rejig for Takeover Panel: The *Corporation Amendment (takeover) Bill 2007* was introduced to the Senate on 1 March 2007. It stated: "Recent court cases have thrown doubt on the [Takeover] Panel's ability to keep performing its role as well as it has done. This Bill will amend the *Corporations Act 2001* to ensure that the Takeovers Panel can continue to perform its part in ensuring takeovers are conducted legally, properly and fairly". mm

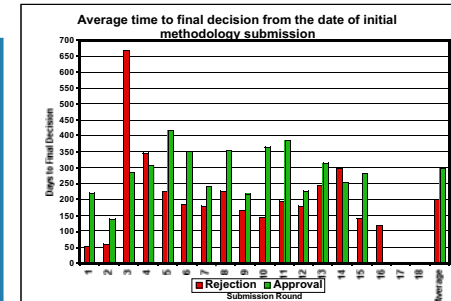
Feds pay farmers for care: Agriculture Minister Peter McGauran has revealed that cabinet has already signed off on the scheme, which will pay farmers to look after ecologically valuable plants

and animals on their properties but it is understood the size of the package is yet to be decided. NFF chief executive Ben Fargher said the NFF has been lobbying for a stewardship scheme for a number of years, arguing farmers have not been recognised for the time and money they commit to environmental protection work that benefits the broader community. Having initially proposed a program costing \$1 billion over four years, the NFF in its 2007 prebudget submission claims that to be effective the stewardship scheme will need to be at least as big as the National Heritage Trust, which has cost \$3 billion since 1996. *The Australian Financial Review*, (13/3/2007, p.4). mm

CARBON

Origin develops CRS: Over the past 12 months the voluntary carbon market in Australia has grown exponentially. While there has been a surge in the number of carbon offset products available, there has been limited information regarding how the carbon credits supporting some of these products are assessed and how the carbon credits are managed to ensure they are not used again or double counted, according to an Origin Energy statement. To address these concerns, Origin Energy has developed a "Carbon Reduction Scheme" (CRS). The CRS aims to: encourage activities that reduce greenhouse gas emissions; recognise the greenhouse gas emission reduction from those activities through the creation of carbon credits, and enable the development of a range of carbon offset products and to ensure that sufficient greenhouse gas emissions

CDM project approvals



CDM projects time lapse: This chart shows for each submission round the time elapsed between the deadline for submission in the round and the end of the EB meeting where the final decision about rejection/approval was taken. The last columns show the average time for all approved/rejected methodologies.

Reference: CDM Pipeline overview, Carbon Development for the CDM, <http://www.cd4cdm.org>

associated with those products have been reduced. *Reference: www.origin.com.au*

Farmers get cash for storage: As of Monday, carbon trading service CarbonSMART had already received about 500 applications, reported *The Land* (08/03/07). CarbonSMART offers a carbon trading pool and brokering service, where carbon emitting industries can pay farmers to store carbon by planting trees. It is designed to plug into a global carbon trading market that Landcare said was expected to grow to \$US2300 billion within five years as the world seeks to come to terms with global warming caused by the build-up of greenhouse gases in the

atmosphere. The program will start in NSW with other States to follow. Mm

TASMANIA

Tas Energy Min wants trading: A sensible energy policy would involve a return to emissions trading, which was inevitable in Tasmania, the Minister for Energy, David Llewellyn, told the House of Assembly, *Government Business Scrutiny Committee* meeting, on Tuesday, 6 March. He added that Tasmania would be wanting to look at developing extra wind capacity. mm

Aurora 60:40 debt to equity: Energy Minister David Llewellyn told the Tasmania Legislative Council, *Government Business Scrutiny Committee*, on Friday 9 March 2007 that it was wrong to look at public-owned bodies like Aurora Energy and compare them to privately owned bodies in terms of debt equity. His comments showed Aurora was not likely to get any Tasmania Hydro debt transferred to it; Transend was more likely to carry the load. mm

Tas Govt applauds Aurora results: The Minister for Energy, David Llewellyn, told the Tasmania Legislative Council, *Government Business Scrutiny Committee*, on Friday 9 March 2007 that Aurora Energy employed 1,200 Tasmanians. The financial result was "a very sound core business, comprising a regulated monopoly distribution business and retail operations adapting to the gradual arrival of new competition, as well as Aurora actively pursuing opportunities for growth. As a result of this approach, Aurora returns

will continue to be generally predictable and very stable". mm

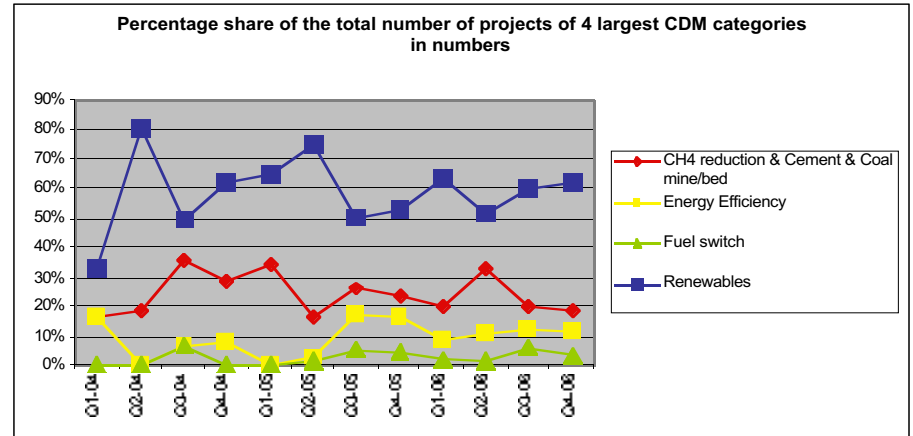
VICTORIA

Green push for Esso report: Green groups have called on the State Government to insist Esso Australia include a full review of the environmental costs of a proposed gas treatment plant in Gippsland that will emit as much as 1 million tonnes of carbon dioxide a year, reported *The Age* (20/3/2007, p.1). Esso Australia has submitted plans for its Longford gas conditioning plant to Planning Minister Justin Madden. The venture, owned with BHP Billiton, would process natural gas from the new offshore Kipper field, which contains relatively high levels of carbon dioxide. MM

QUEENSLAND

Qld Govt bags CO2 dump: Qld Premier Beattie told Parliament on 15 March 2007 that the ownership of ZeroGen Pty Ltd. - responsible for a "clean coal" demonstration project - was to be transferred directly to the Department of the Premier and Cabinet. "Queensland is leading the way with the 80 megawatt ZeroGen project—a first of its kind; a clean coal power demonstration project—which involves integrated gasification combined cycle and carbon capture and storage. ZeroGen has the potential to allow us all to make large cuts in CO2 emissions. Tomorrow the ownership of ZeroGen Pty Ltd will be transferred from the government-owned power generator Stanwell Corporation to the Department of the Premier and Cabinet". mm

Renewables lead CDM projects



Renewables in front: Renewables continue to dominate global CDM projects.

Reference: CDM Pipeline overview, Carbon Development for the CDM, <http://www.cd4cdm.org>

NETS

IAG: cap 50pc foreign offsets: Insurance Australia Group (IAG) believes that offsets should be linked to international programs, but the percentage of offshore activity should be limited to ensure a strong commitment to projects designed to meet Australia's targets for greenhouse gas emission reductions. IAG believes it is appropriate that renewable energy and energy efficiencies are not proposed to be included for offsets within the scheme as it would be double counting. "Subject to detailed modeling of the caps allocated, we think that there should be no more than 50 per cent of offsets from overseas schemes including JI (joint implementation) and CDM allowed under the NETS. The other 50 per cent of offsets should be achieved by companies reducing their own GHG

emissions and/or for offset activities that will directly lead to the reduction of GHG emissions in Australia." Reference: *National Emissions Trading Scheme, Response to Discussion Paper Issued in August 2006 - Submission from Insurance Australia Group* MM

Energy GHGs up 170pc by 2020: It is the view of Insurance Australia Group (IAG) that the "National Emissions Trading Scheme" (NETS) should start in 2010 and from the outset should cover all stationary energy which represents about 45 per cent of the total greenhouse gas (GHG) emissions in Australia, according to a submission on the "National Emissions Trading Scheme" in August 2006. It is estimated that in the stationary energy sector alone GHG emissions are projected to rise to 170 per cent of 1990 levels by 2020. The preferred approach taken by

the NETS Taskforce is for a gradual start up using a two-step process initially for electricity generators with a capacity of over 30MW covered, to be followed five years later by the inclusion of other sources of stationary energy emissions with capacity over 25,000t CO2 a year. *Reference: Insurance Australia Group, Chief Risk Officer and Group Actuary, 1538 MM*

BIRD DEATHS

WA halts lead exports: The Port of Esperance on Western Australia's southern coast had suspended lead carbonate exports and imports following findings that lead poisoning could have been responsible for mass bird deaths in the region, reported *The Australian* (13/03/2007, p.7). The West Australian Department of Environment and Conservation last week revealed that lead poisoning killed a small number of birds autopsied following the unprecedented deaths of more than 4000 birds in the area late last year. Despite the autopsy findings, Environmental Health director Jim Dodds said there was no evidence the general population was at risk of lead poisoning. Late yesterday, the Esperance Port Authority Board opted to suspend lead handling operations as a precaution. Port chief executive Colin Stewart said he would undertake a full audit of procedures for lead handling at the port. More than 100,000 tonnes of lead concentrates are shipped out through the port each year from the \$48 million Magellan Metals lead carbonate deposit near Wiluna, 950km northeast of Perth. *MM*

POLLUTION

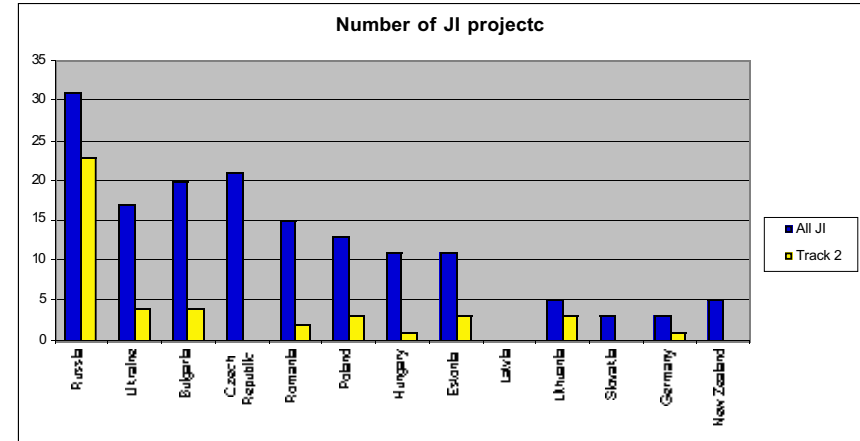
Port Pirie lead blood levels alert:

Nearly two-thirds of children aged under four in Port Pirie have a blood lead level above the international health standard of 10 micrograms per decilitre, a new report shows, reported *The Advertiser* (17/03/07). Zinifex, which runs a lead smelter in the city, last year committed \$56 million over four years to fix the problem. The company admitted the level recorded was "totally unacceptable". Exposure to lead can effect the nervous system and organs in the body. Zinifex and the State Government have set a target of 95 per cent of children having a blood lead level of less than 10 micrograms per decilitre by 2010. *mm*

SCIENCE

Solar field, weather link: Robert Baker, from the University of New England, claims to have found a strong relationship between the rhythmic pulsing of the sun's magnetic field and weather systems, particularly in the southern hemisphere, reported *The Australian* (19/03/2007, p.5). The sun's magnetic emissions are known to peak every 11 years, a phenomenon demonstrated by increased sunspot activity. The sun also switches poles every 11 years, with the last flip occurring in 2001. Associate Professor Baker said modelling of the sun's magnetic activity showed high rainfall during times of high activity and drought when the sun was stable. This suggested the fluctuations impacted on the upper atmosphere, which was in turn reflected in changes in the

Russian JI project drive continues



Russia tops: The greatest number of JI projects were in Russian hands.

Reference: CDM Pipeline overview, Carbon Development for the CDM, <http://www.cd4cdm.org>

Southern Oscillation Index (SOI), the measure of air pressure over the Pacific Ocean used as a reliable indicator of drought and flood. *mm*

CLIMATE CHANGE

Storms shift towards poles: Australia will become a much drier continent with rainfall across the nation's southern regions decreasing by up to 30 per cent over the next two decades, said a leading climate change expert in *The Canberra Times* (16/3/07). The former chief of CSIRO'S atmospheric research division, Graeme Pearman, told a national environment conference in Canberra on 15 March that by 2030, most of the country was anticipated to have less rain. Global warming trends were driving a pole-ward shift of stormbelts in both northern and southern

hemispheres, and as a result, areas in Australia below the latitude of 30 degrees south were "almost certain" to receive less rainfall. The area affected would stretch across from just south of Grafton in northern NSW to south of Geraldton in Western Australia and the only capital cities unaffected by the poleward shift of Australia's stormbelts.

green tenders and events

Tenders

NAT: CRC Salinity - Deliver Saltland Management Research Outcomes in Sustainable Grazing on Saline Land Sub-Program to End-Users. Contact: Mark Stickells, ph: (08) 6488 1429, email: mstickells@fnas.uwa.edu.au website: <http://www.lwa.gov.au/funding/> <http://www.crcsalinity.com.au> *Closing: 13 April 2007*

NAT: Department of the Environment and Heritage – Review and Revision of Emission Estimation Materials for the National Pollutant Inventory (NPI). No: 001-0607DEH-NPI. Contact: Alex Taylor, ph: (02) 6274 2610, email: npi@deh.gov.au website: www.npi.gov.au *Closing: 30 June 2008*

NAT: Department of the Environment and Water Resources – Review the Great Artesian Basin Sustainability Initiative. No: 097/0607DEW. Contact: Tender Box - Tender Number 097/0607DEW, Department of the Environment and Water Resources, Reception Area, Ground Floor, John Gorton Building, King Edward Terrace, PARKES ACT 2600, ph: (02) 6274 2698 (Attn: Trish Canty), email: Trish.Canty@environment.gov.au *Closing: 12 April 2007*

NAT: Department of Transport and Regional Services – Review Content of Airports (Environment Protection) Regulations 1997. Contact: Karen Huges, ph: (02) 6274 7726, email: karen.hughes@dotars.gov.au *Closing: 12 April 2007*

NSW: Wyong Shire Council - Glenning Valley PVP Incentives Bush Regeneration Project. No: CPA 120026. Contact: Tender Box, Wyong Shire Council, PO Box 20, Wyong NSW 2259, ph (02)4350 5315 (Attn: Darren Williams). *Closing: 5 April 2007*

QLD: Energex – Provision of Services to Reduce Carbon Dioxide Emissions through Revegetation. No: 07021. A document fee is applied at \$44.00. Contact: ECU, ph: (07) 3407 4041, fax: (07) 3407 4602, website: <http://www.energex.com.au> *Closing: 4 April 2007*

QLD: Forestry Plantations Queensland - Carbon Inventory and Accounting System. No: FOR164. Contact: Ian Robb, ph: (07) 5438 6654, email: Ian.robb@fpq.qld.gov.au *Closing: 13 April 2007*

Public Notices

NAT: Department of the Environment and Water Resources – Discussion Paper for Public Comment: Ensuring the Licensed Installation of Split-system Air Conditioners. Split-system air conditioners are increasingly popular in Australia. To protect the environment, the law requires that split-systems be installed by the holder of a Refrigerant Handling Licence. The Australian Government Department of the Environment and Water Resources is seeking to develop ways to improve compliance with this legal requirements. A discussion paper "Ensuring the Licensed Installation of Split-system Air Conditioners" has been prepared and is now available for public comment. Contact: Community Information Unit, ph: 1800 803 772, email: ciu@environment.gov.au website: <http://www.environment.gov.au> *Closing: 27 April 2007*

WA: Department of the Premier and Cabinet - Lobbyists, you must register now. The Western Australian Government is establishing a code of conduct for contact between lobbyists and government representatives, including a 'Register of Lobbyists'. From Monday 16 April 2007 only lobbyists who are listed on the Register will be able to deal with government representatives. Contact: Department of the Premier and Cabinet, ph: (08) 9222 9888, website: <http://www.lobbyistsregister.dpc.wa.gov.au>

Employment

INT: International Finance Corporation (IFC) - Cleaner Technologies Investment Officer, Washington, DC. No: 061296. To identify, appraise and negotiate investments in innovative business, delivering

environmental and social benefits in developing countries. Should have strong inter-personal skills, strong sales, marketing and communication skills, interested/experienced in venture capital work, comfortable in a small, dynamic "business unit" with an entrepreneurial culture within IFC, interest in having a strong impact on implementing IFC's sustainability agenda, strong transaction track record. Contact: IFC, website <http://www.ifc.org/ifcext/careers.nsf/Content/CurrentOpportunities> *Closing: 31 March 2007*

INT: Oxford University - Jackson Senior Research Fellow and Programme Leader in Energy, Environmental Change Institute (ECI) and Oriel College. Responsible for acting as leader of the Lower Carbon Futures programme (to include representing the programme at ECI management meetings, participating in outreach to stakeholders, collaborators, media and within the university; fundraising and obtaining new contracts, managing proposals, budgets and staff; contributing to the Meeting Place and other events). Should have advanced degree (PhD) and evidence of high quality publications in the energy use and policy field. Salary up to UK\$55k. Contact: Professor Diana Liverman, HR Officer OUCE, Dyson Perrins Building, South Parks Road, Oxford OX1 3QY, England, UK 01865-285082, email: recruitment@ouce.ox.ac.uk website: <http://www.eci.ox.ac.uk/news/vacancy/070427.php> *Closing: 27 April 2007*

NAT: Department of Agriculture, Fisheries and Forestry - Senior Policy Officer, DAFF Band 3 Work Level 7. No: 07-096. Responsible for research, develop and implement policy, programs and projects in relation to the forest sector, monitor and evaluate implications of forest policies on industries, the community and government stakeholders. Should have relevant tertiary qualifications in forestry, law, policy, economics or natural resource management. Salary up to \$79.3k. Contact: Karl Heiden, ph: (02) 6272 4238, website: daff.nga.net.au *Closing: 30 March 2007*

NAT: Department of the Environment and Water Resources - Assistant Director, Environment Protection Branch, Environment Quality Division. No: 7396. To prepare and provide policy advice

relating to the Hazardous Waste (Regulation of Exports and Imports) Act 1989 (the Act) and assist in ensuring compliance with and enforcement of the Act. Salary up to \$80.9k. Contact: Ms Valerie Duffy, ph: (02) 6274 1944, email: valerie.duffy@environment.gov.au website: <http://www.environment.gov.au> *Closing: 2 April 2007*

NAT: Department of the Environment and Water Resources – Senior Policy/Senior Project Officers. Either individually or as a member of a team, contribute to the development and delivery of the Government's policies and programs on climate change and greenhouse matters; develop and manage projects and contracts; produce high quality written material and effectively represent the organization and build effective relationships with government, industry, community and other stakeholders in a high performance environment. Should have demonstrated ability to provide policy advice and undertake policy research and analysis; and/or the ability to manage programmes/projects where managing contracts, budgets and technical inputs is required; well developed written and oral communication skills; demonstrated ability to cultivate productive working relationships with internal and external stakeholders, represent the Department and negotiate effectively; demonstrated ability to work in a high-performing team and to contribute to improving team performance (desirable); demonstrated commitment to continuous learning and self-development and to the principles and practices of Occupational Health and Safety, Workplace Diversity and Workplace Participation and knowledge, understanding, and/or experience of greenhouse and climate change issues and or knowledge of Government processes (desirable). Contact: Livia Auer, Australian Greenhouse Office, Industry Partnerships Branch, GPO Box 787, CANBERRA ACT 2601, ph: (02) 6274 1499, website: <http://www.deh.gov.au> *Closing: 2 April 2007*

NSW: Country Energy – Cable Jointer. Responsible for maintenance, repair, jointing and construction of underground distribution and transmission assets. Experience with 11kV Paper Lead cables would be an advantage. Contact: Robert Orchard, Country Energy, PO Box 718, Queanbeyan NSW 2620, ph: (02) 6681 9107 (Attn: Robert Orchard), email: careers@countryenergy.com.au website: <http://www.countryenergy.com.au/careers> *Closing: 5 April 2007*

NSW: Department of Environment and Conservation - Project Officer, Ecologically Sustainable Management. No: DEC07-119. To help develop and implement monitoring systems such as State of the Parks Program and promotes ecologically sustainable management particularly through statutory Ecologically Sustainable Forest Management reporting. Salary up to \$79k. Contact: Helen Barker, ph: (02) 9585 6622, website: <http://www.jobs.nsw.gov.au> *Closing: 30 March 2007*

NSW: Department of Environment and Conservation - Senior Technical Officer. No: DEC07-118. Responsible for coordinating GIS activities, information management and analysis, and field monitoring throughout Upper Darling Region and providing technical advice to assist strategic planning for operational programs and conservation. Salary up to \$71.6K. Contact: Andrew Deane, ph: (02) 6841 0923, website: <http://www.jobs.nsw.gov.au> *Closing: 30 March 2007*

NSW: Hunter-Central Rivers Catchment Management Authority - Landcare Officer. No: CMA2007/031. To assist landholders and the community to plan implement, monitor and report on on-ground NRM projects and sustainable agriculture practices, in line with catchment blueprints and catchment action plan. Salary up to \$60.6k. Contact: Hunter-Central Rivers Catchment Management Authority, email: cma.infopack@dnr.nsw.gov.au *Closing: 30 March 2007*

NSW: Independent Pricing and Regulatory Tribunal of NSW (IPART) - Analyst. Should have high level project management skills, modelling skills (within an engineering or technical, economic/financial setting), high level analysis, superior communication skills and interpretation and analysis of relevant legislation. Salary up to \$106k. Contact: Human Resource Recruitment, IPART, PO Box Q290, QVB Post Office, Sydney 1230, ph: (02) 9290 8414 (Attn: Colin Reid), email: recruitment@ipart.nsw.gov.au website: <http://www.jobs.nsw.gov.au> *Closing: 30 March 2007*

NSW: Namoi Catchment Management Authority - Catchment Officer Projects Native Vegetation. No: CMA2007/032. To develop Property Vegetation Plans and natural resource management projects aligned with the Catchment Action Plan of the Namoi Catchment

Management Authority. Salary up to \$73.9K. Contact: email: cma.infopack@dnr.nsw.gov.au *Closing: 30 March 2007*

QLD: Department of Natural Resources and Water - Senior Scientist (Climate Risk Analysis). No: NRW 5116. Responsible for providing climate risk information and advice for sustainable management of extensive State lands in a highly variable climate; integration of seasonal climate outlooks, longer term climate projections and grazing systems modelling to provide climate risk assessment and decision support. Should have extensive knowledge of grazing systems processes and climate impacts; proven ability to integrate complex biophysical modelling with climate data and impacts assessment. Salary up to \$71.7k. Contact: Department of Natural Resources and Water, ph: (07) 3239 3083, website: <http://www.jobs.qld.gov.au> *Closing: 2 April 2007*

QLD: Ipswich City Council – Senior Environmental Health Officer (Population Health). No: HPR/3221. To contribute towards the areas of Community life and Health Environment while leading and directing a team performing inspections, audits and investigations. Should have tertiary qualifications in Environmental Health with substantial experience; ability to manage and lead staff; high level analysis and problem solving skills and excellent communication and interpersonal skills. Salary up to \$70k. Contact: Ipswich City Council, ph: (07) 3810 7846, website: <http://www.ipswich.qld.gov.au> *Closing: 11 April 2007*

SA: Department of Primary Industries and Resources - Principal Policy Adviser. No: 1771/2007. Responsible for the provision of policy advice to the Minister and Government in relation to forestry, forest industries and associated environmental matters, programs to support forestry, farm forestry development and pest, disease and fire protection for the State's forestry industries and programs that facilitate community benefits from forestry activities including public activities and biodiversity management within the State's forest reserves. Should have a relevant degree in Forestry, Forest Science, Natural Resource Management, Economics, Public Policy or equivalent. Salary up to \$82k. Contact: Natalie Perry, Executive Assistant, PIRSA Forestry, PO Box 162, Mount Gambier SA 5290, ph: (08) 8724 2766 email: perry.natalie@saugov.sa.gov.au *Closing: 30 March 2007*

SA: Environment Protection Authority - Air Quality Education Coordinator. No: T1674/2007. Responsible for the development, implementation and evaluation of a range of awareness-raising, community education and support initiatives regarding air quality issues in South Australia. Should have tertiary qualifications in Communications, Education or other related discipline. Salary up to \$64k. Contact: Nicole Langridge, HR Client Service Officer, Environment Protection Authority, GPO BOX 2607 ADELAIDE, SA, 5001, ph: (08) 8204 2089, email: epa.apply@epa.sa.gov.au website: <http://www.pir.sa.gov.au> *Closing: 30 March 2007*

SA: Primary Industries and Resources SA - Principal Policy Adviser. No: 1771/2007. Responsible for providing expert policy advice, developing innovative strategies and preparing responses on a range of forestry sector matters. Should have a relevant degree in Forestry, Forest Science, Natural Resource Management, Economics, Public Policy or equivalent. Contact: Natalie Perry, Executive Assistant, PIRSA Forestry, PO Box 162, Mount Gambier, 5290, telephone 8724 2766, email: perry.natalie@saugov.sa.gov.au website: <http://www.pir.sa.gov.au> *Closing: 30 March 2007*

VIC: Antarctic Climate & Ecosystems Cooperative Research Centre (ACE CRC) - Sea-Ice Analyst & Forecasting Systems Programmer. No: HG76/07. Responsible for developing a sea-ice analysis and forecasting system to be incorporated into the Australian Bureau of Meteorology operational suite of forecast systems. Should have a degree with at least four years subsequent relevant experience or have an equivalent combination of relevant experience and/or education and training, must possess strong computer programming skills and experience in geophysical data types, as well as a solid working knowledge of FORTRAN. Salary up to \$73k. Contact: Dr Neil Adams, ph: (03) 6221 2032, fax: (03) 6221 2080, email: Neil.Adams@acecre.org.au website: <http://www.acecrc.org.au> *Closing: 10 April 2007*

VIC: Bureau of Meteorology - Senior Professional Officer Grade C, Research Division. No: 10388. To investigate the cause of decadal climate variability in Australia and Southern Hemisphere, and

to estimate the predictability of the variability. Should have degree or diploma of an Australian educational institution, or a comparable overseas qualification, which is appropriate to the duties; or other comparable qualifications, which are appropriate to the duties. Salary up to \$80.4k + 15.4% super. Contact: Recruitment Manager, Bureau of Meteorology, GPO Box 1289, Melbourne VIC 3001, ph: (03) 9669 4214 (Attn: Scott Power), email: jobs@bom.gov.au website: <http://www.bom.gov.au/careers> *Closing: 5 April 2007*

WA: Department of Environment and Conservation - Senior / Principal Environmental Systems Officer. No: DEC3031119. To coordinate and lead the development and maintenance of formal environmental management systems and standards for the sustainable management of forests. Should have relevant tertiary qualifications and highly developed interpersonal skills with experience in the development, implementation and use of environmental management systems. Salary up to \$84.7k. Contact: Geoff Stoneman, ph: (08) 9423 2983, website: <http://www.jobs.wa.gov.au> *Closing: 9 April 2007*

WA: Department of Environment and Conservation - Senior Silviculturist. No: DEC3027017. To provide policy advice and develop and monitor operational guidance for silvicultural practices in the native forests of Western Australia. Should have experience and knowledge of silvicultural practice in native forests and their practical application to deliver multiple values. Salary up to \$84.7K. Contact: Geoff Stoneman, ph: (08) 9423 2983, website: <http://www.jobs.wa.gov.au> *Closing: 11 April 2007*

Scholarships and Grants

NAT: Natural Heritage Trust - Round 9 Grants. Grants for as little as a few hundred dollars or up to \$50,000 are available from the Australian Government Envirofund - the community component of the Natural Heritage Trust - for community groups and individuals to undertake small on-ground projects tackling important local natural resource management problems. Examples of activities that are eligible for Round 9 include: 1) Planting native vegetation; 2) Controlling weeds and feral animals to protect threatened native plants and animals; 3)

Fencing to protect remnant vegetation; 4) Rehabilitation of coastal dunes; 5) Demonstrations of new techniques for sustainable farming, forestry or fishing; 6) Works to manage access to coastal areas; 7) Controlling stock access to water courses to protect streamside habitat and improve water quality; 8) Monitoring water quality, species, habitats or other natural resources; 9) Developing skills and knowledge related to on-ground work; 10) Passing on or applying Indigenous caring for country techniques and traditional knowledge focused on natural resource management and 10) Raising awareness of local natural resource management issues. Contact: ph: 1800 065 823, website: <http://www.nht.gov.au/envirofund> *Closing: 27 April 2007*

NSW: NSW Environmental Trust – Eco Schools Grants Program. 60 grants of \$2,500 each (total program \$150,000). Schools who did not receive an Environmental Trust grant in 2006 are eligible to apply. Workshops will be offered across the state to assist schools to understand the program and provide advice on preparing grant applications. Contact: NSW Environment Trust, ph: (02) 8837 6093, website: <http://www.environment.nsw.gov.au/envtrust> *Closing: 30 March 2007*

NSW: NSW Environmental Trust – Environmental Education Fund. Grants of \$50,000 to \$100,000 available to: Community organisations and non-profit associations (total program \$500,000) and State and local government organisations (not schools) (total program \$500,000). Contact: NSW Environment Trust, ph: (02) 8837 6093, website: <http://www.environment.nsw.gov.au/envtrust> *Closing: 30 March 2007*

NSW: NSW Environmental Trust – Environmental Research Fund. Total Funds is \$1 million. Major category – Grants up to \$100,000: Air and Waters & Catchments; Minor categories – Grants up to \$20,000 for ‘proof of concept’ projects. Contact: NSW Environment Trust, ph: (02) 8837 6093, website: <http://www.environment.nsw.gov.au/envtrust> *Closing: 30 March 2007*

NSW: NSW Environmental Trust – Environmental Restoration and Rehabilitation Fund. Grants of \$5,000 to \$100,000 available to:

Community organisations and non-profit associations (total program \$1.5 million) and State and local government organisations (not schools) (total program \$1.5 million). Contact: NSW Environment Trust, ph: (02) 8837 6093, website: <http://www.environment.nsw.gov.au/envtrust> *Closing: 30 March 2007*

NSW: NSW Environmental Trust – Urban Sustainability Plans: Seed Grants. Grants are available for local government to develop sustainability plans with their local community. Grants are up to \$20,000 for individual councils and \$50,000 for alliances of councils. Contact: NSW Environment Trust, ph: (02) 8837 6093, website: <http://www.environment.nsw.gov.au/envtrust> *Closing: 30 March 2007*

Conferences & Events

2-4 April. Desertification in Africa. Algiers, Algeria. Contact: Chara Bachir, Chair, Pan-African parliament Committee on Rural Economy, Agriculture, Natural Resources and Environment, fax: +213 (0) 21-73-36-98, email: chara_bachir@yahoo.fr, website: <http://www.pan-african-parliament.org/>

2-5 April 2007. Eighth Session of IPCC Working Group II. Brussels, Belgium. Contact: Rudie Bourgeois, IPCC Secretariat, ph: +41-22-730-8208, fax: +41-22-730-8025/13, e-mail: IPCC_Sec@wmo.int website: <http://www.ipcc.ch>

15-18 April 2007. 2007 APPEA Conference and Exhibition. Adelaide Convention Centre, Adelaide, Australia. Contacts: Julie Hood, Conference Director, ph: (07) 3802 2208, email: jhood@appea.com.au

16-17 April 2007. Pacific Consultation Meeting On Land and Drought Management. Apia, Samoa. Contact: UNCCD Secretariat, ph: +49-228-815-2800, fax: +49-228-815-2898, email: secretariat@unccd.int, website: <http://www.unccd.int>

16-27 April 2007. Seventh Session of the United Nations Forum on Forests. New York, U.S.A. Contact: UNFF Secretariat, ph: + 212 963 3160, fax: + 917 367 3186, email: unff@un.org website: <http://www.un.org>

18-19 April 2007. Forest Research Management in an Era of Globalization. Washington DC, USA. Contact: Konstantin von Teuffel. ph: +49-761-4018-100, fax: +49-761-4018-355, email: Konstantin.teuffel@forst.bwl.de website: <http://www.iufro.org/science/divisions/division-6/60000/60600/activities/>

25-27 April 2007. Second Meeting of the Open-Ended Ad Hoc Working Group on Non-Compliance. Dakar, Senegal. Contact: Stockholm Convention Secretariat, ph: +41 22 917 8191, fax: +41 22 797 3460, email: ssc@pops.int website: <http://www.chem.unep.ch>

26-28 April 2007. Third Meeting of the UNCCD IIWG. Namibia. Contact: UNCCD Secretariat, ph: +49-228-815-2800, fax: +49-228-815-2898, email: secretariat@unccd.int website: <http://www.unccd.int>

30 April-3 May 2007. Meetings of the Intergovernmental Panel on Climate Change. Bangkok, Thailand. Contact: Rudie Bourgeois, IPCC Secretariat, ph: +41-22-730-8208, fax: +41-22-730-8025/13, email: IPCC-Sec@wmo.int website: <http://www.ipcc.ch>

30 April-4 May 2007. Stockholm Convention COP-3. Dakar, Senegal. Contact: Stockholm Convention Secretariat, ph: +41 22 917 8191, fax: +41 22 797 3460, email: ssc@pops.int website: <http://www.pops.int>

30 April-11 May 2007. Fifteenth Session of the Un Commission on Sustainable Development. New York, USA. Contact: Department of Economic and Social Affairs, ph: +1-212-963- 8102, fax: +1-212-963-4260, e-mail: dsd@un.org website: <http://www.un.org/esa/sustdev/csd/policy.htm>

May 2007. Fourth Meeting of the UNCCD IIWG. Geneva, Switzerland. Contact: UNCCD Secretariat, ph: +49-228-815-2800, fax: +49-228-815-2898, email: secretariat@unccd.int, website: <http://www.unccd.int>

May 2007. Launching of the Thematic Programme Network on Best Practices and Traditional Knowledge (TPN5). Colombia. Contact: UNCCD Secretariat, ph: +49-228-815-2800, fax: +49-228-815-2898, email: secretariat@unccd.int website: <http://www.unccd.int>

1-3 May 2007. 8th Annual WA Power 2007. Sheraton Hotel, Perth, Australia. Contact: Heik-Heng Tan, ph: (02) 9005 0714, fax: (02) 9281 3950, email: teik-heng.tan@terrapinn.com

4 May 2007. 26th Session of The Intergovernmental Panel on Climate Change. Bangkok, Thailand. Contact: Rudie Bourgeois, IPCC Secretariat, ph: +41-22-730-8208, fax: +41-22-730-8025/13, email: IPCC-Sec@wmo.int website: <http://www.ipcc.ch>

7-18 May 2007. 26th Sessions of The UNFCCC Subsidiary Bodies and Kyoto Protocol Ad Hoc Working Group. Bonn, Germany. Contact: UN Framework Convention on Climate Change (UNFCCC) Secretariat, ph: +49-228-815-1000, fax: +49-228-815-1999, email: secretariat@unfccc.int website: <http://www.unfccc.int>

9-10 May 2007. Australian Business Council for Sustainable Energy (BCSE) Sustainable Energy 2007 National Conference. Contact: BCSE, ph: (03) 9349 3077, fax: (03) 9349 3049, email: events@bcse.org.au website: <http://www.bcse.org.au>

14-18 May 2007. World Trade Fair for Forestry and Wood Industries. Hannover, Germany. Contact: Anja Brokjans, ph: +49 511 31602, fax: +49 511 89 32631, email: anja.brokjans@messe.de website: <http://www.ligna.de>

June 2007. Thematic Programme Network Workshop on Enabling Policies of the Implementation of UNCCD. Islamabad, Pakistan. Contact: UNCCD Secretariat, ph: +49-228-815-2800, fax: +49-228-815-2898, email: secretariat@unccd.int website: <http://www.unccd.int>

20-22 June 2007. Expert Meeting on Regional Impacts, Adaptation, Vulnerability and Mitigation. Nadi, Fiji. Contact: IPCC Secretariat, ph: +41 22 730 8208, fax: +41 22 730 8025, email: ipcc-wgl@al.no.gov website: ipcc-wgl.ucar.edu/meeting/TGICA-Regional/

July 2007. International Workshop on Economic Opportunity in Drylands. Beijing, China. Contact: Chinese Academy of Forestry, ph: +86-10-62-88-9-090, fax: +86-10-62-88-42-29, email: hegs@cat.ac.cn website: <http://www.forestry.ac.cn>

July 2007. Eighth Asian and Pacific Regional focal Point Meeting in Preparation for UNCCD COP8. Ho Chi Minh City, Viet Nam.

Contact: UNCCD Secretariat, ph: +49-228-815-2800, fax: +49-228-815-2898, email: secretariat@unccd.int website: <http://www.unccd.int>

July 2007. Grulac Regional Meeting in Preparation for UNCCD COP 8. Trinidad and Tobago. Contact: UNCCD Secretariat, ph: +49-228-815-2800, fax: +49-228-815-2898, email: secretariat@unccd.int website: <http://www.unccd.int>

August 2007. African Regional Meeting in Preparation for UNCCD COP 8. Kigali, Rwanda. Contact: UNCCD Secretariat, ph: +49-228-815-2800, fax: +49-228-815-2898, email: secretariat@unccd.int website: <http://www.unccd.int>

9-13 September 2007. IUAPPA World Clean Air Congress: Clean Air Partnerships: Coming together for the Future. Brisbane Convention and Exhibition Centre, Brisbane, Queensland, Australia. Contact: ICMS Pty Ltd, ph: (07) 3307 4000, fax: (07) 3844 0909, website: <http://www.iuappa2007.com>

31 October-2 November 2007. SSEE Conference 2007: International Conference on Engineering Sustainability. Perth, Western Australia. Contact: Keynote Conferences, ph: (08) 9382 3799, website: <http://www.keynotewa.com/ssee-07>

3-14 December 2007. Thirteenth Conference of the Parties to the UNFCCC and Third Meeting of the Parties to the Kyoto Protocol. Indonesia. Contact: UNFCCC Secretariat, ph: +49 228 815 1000, fax: +49 228 815 1999, email: secretariat@unfccc.int website: <http://www.unfccc.int>