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HILLARY INSTITUTE

PO BOX 578
CHRISTCHURCH
NEW ZEALAND
P/F: +643 3719162
M: +64 21 434400
E: LEADERS@HILLARYINSTITUTE.ORG.NZ
WWW.HILLARYINSTITUTE.COM



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THE GREENING OF CHINA

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THIRD ANNUAL HILLARY SYMPOSIUM THE GREENING OF CHINA – NEW ZEALAND'S RESPONSE/OPPORTUNITY

WELCOME / INTRODUCTION

The Hillary Institute of International Leadership is delighted to honour Peggy Liu, our 2nd annual Laureate for Leadership on Climate Change Solutions. Following Jeremy Leggett (UK) in 2009, Peggy is the Hillary Summit Governors' choice for 2010. Based in Shanghai with offices in Beijing and Washington DC., Peggy is Chairperson of **JUCCCE** (Joint US-China Collaboration on Clean Energy), China's leading Non-Profit dedicated to changing the way China creates and uses energy. Honoured as a Time Magazine Hero of the Environment (2008) and a World Economic Forum Young Global Leader (2009), she was also an adviser to the Clinton Global Initiative (2008) on Energy & Climate Change. Peggy has been in non-profit leadership positions most of her life and has a passion for making the world a better place (see bio pg 3). We warmly welcome Peggy and her husband Rob to Christchurch.

We also warmly welcome Climate Change Issues Minister Hon Nick Smith and all of you here, from Denmark, Australia, Asia, the US and NZ, as participants and provocateurs in our 3rd Annual New Zealand Symposium. Following a sister event with Peggy in Beijing in June, this day will be pragmatic and interactive, focused on the Greening of China and strategies necessary to optimise response opportunities for New Zealand. It will also draw together local points of connectivity, as our Canterbury community draws breath post the impact of the Sept 4th earthquake.

In the spirit of the extraordinary leadership Sir Ed demonstrated and inspired throughout his life, and with warm greetings from our Governors across the globe and Trustees in NZ, we thank you for joining us for serious cross-sectoral dialogue on the critical challenge of our times. Please enjoy also our 2010 Annual Report.



David Caygill
Convenor Hillary Summit



Mark PRAIN
Executive Director

The 2010, 3RD ANNUAL HILLARY SYMPOSIUM shifts the spotlight from the problem of climate change and carbon to the solution opportunity – the booming commercial international markets for Clean Economy technology & services – and how NZ Inc might respond.

2010 Hillary Laureate – PEGGY LIU; Chair, JUCCCE (Joint US-China Collaboration on Clean Energy)

RATIONALE: We focus on linking;

1. UNDERSTANDING THE CHINA STORY

A business briefing on the extraordinary story - not understood in NZ - of the government driven effort to 'green' China, and the private sector investment strategies to be No 1 in the world in Clean Economy technology – not just in hydro, solar, electric cars, but in many other technologies across the Clean Economy.

2. THE MULTI BILLION SMALL STATE CLEAN ECONOMY CLUB

Other small states have developed an export boom in the Clean Economy technologies such as Denmark and Sweden. As an example Sweden has around \$8 billion in exports from this technology sector- in waste management/recycling, water treatment, sustainable building efficiency, solar, wind and hydro, and bio-energy.

3. CONNECTING UP THE DOTS OF OUR POTENTIAL IN NZ – CANTERBURY OPPORTUNITIES

What are we doing to ride the global Clean-tech export/investment boom? – what capabilities do we have? What is a vision and roadmap for accelerated growth? Outlining how NZ exporters of Clean Economy technology could rapidly develop a multi-billion export revenue stream – including to China – which would strengthen our national economic growth prospects. What are the learnings that flow back to our current situation in Canterbury? "Never waste a crisis..." – RAHM EMANUEL (Former Chief of Staff – White House.)



3RD ANNUAL HILLARY SYMPOSIUM THE GREENING OF CHINA

– New Zealand's Response/Opportunity

10.30am–5.30pm // Thursday 21st October 2010 // Millennium Hotel, Christchurch

Programme:

10.30am REGISTRATION

11.00am WELCOME/OPENING REMARKS – HON DAVID CAYGILL (CONVENOR HILLARY SUMMIT)

11.15am LINH DO, Director Change and Switch (Melbourne) – Climate Justice for Generation Next – why our voice needs to be heard.

TONY ARNEL, Chair, World Green Building Council and Green Building Council of Australia – sustainable built environments are designed and built to both mitigate GHG emissions and withstand the ravages of nature – earthquakes, floods and wildfires – Black Saturday 2009, Melbourne – a strategic response.

DANIEL ANDERS KAMPMANN, Danish Trade Commissioner, and DR NICK MARSH, Strategic market research, NEXT Corporation – Which small states are in the \$5 billion Clean Economy export club – and how did they get there?

12.15pm PEGGY LIU, CHAIR, JUCCCE (Shanghai, Beijing, Washington DC), HILLARY LAUREATE 2010

China's Clean-tech Laboratory – what is driving China to go green – who are the key decision makers – what are the opportunities for cooperation?

1.00pm FORMAL LUNCH – HONOURING OUR 2010 HILLARY LAUREATE

LUNCH HOSTS: DAVID CAYGILL – Convenor, Hillary Summit ; DR RAJENDRA PACHAURI – (VIDEO) Chair, IPCC; Governor, Hillary Summit; HILLARY INSTITUTE BOARD (NZ)

2.00pm NZ – WHAT'S THE GAMEPLAN – HOW CAN WE CONNECT THE DOTS?

MODERATOR MARK PRAIN (ED - HILLARY INSTITUTE)

NZ PANEL:

CAMERON BAGRIE – Chief Economist, National Bank – Emerging global trends and local pre-requisites to unlocking the holy grail of economics – strong but balanced growth.

ROB MORRISON – Former Chair, CLSA Asia-Pacific Markets; founding member Copenhagen Climate Council – Cultural realities of doing green business in Asia – The 100% Plan / A 'strawman' investment and returns roadmap for NZ

TIM LUSK – CEO – Meridian Energy – Clean Energy as a core component of the NZ value proposition

FRASER WYLLIE – GM Infrastructure, Hawkins Construction – A national green infrastructure recovery vision and roadmap for NZ Inc Geothermal export growth

HANS FRAUENLOB – NZTE Director, specialised manufacturing – Overview – what have we got here? Could NZ join the \$5billion+ Clean Economy export club?

3.45pm AFTERNOON TEA

4.00pm FINAL SESSION – MODERATOR DAVID CAYGILL

HON DR NICK SMITH – Minister for the Environment and Climate Change Issues

4.30pm CANTERBURY PANEL: PETER TOWNSEND, Chief Executive, Canterbury Employers Chamber; ANAKE GOODALL, Chief Executive, Te Runanga o Ngai Tahu; IAN TOWN, Deputy Vice Chancellor, University of Canterbury – Restoring the region – Canterbury scorecard – Joining the dots – environment, employment, revenues, exports, the Maori Economy, the role of Education – strategy and opportunity going forward.

5.20pm CLOSING REFLECTIONS – PEGGY LIU

5.30pm STAKEHOLDER THANKS – DAVID CAYGILL, PETER TOWNSEND, MARK PRAIN



Graphic courtesy of
Dr Barry Law – The Sustainability Company.



PEGGY LIU / 2010 HILLARY LAUREATE

Peggy is an internationally recognized expert on China’s energy landscape. She is Chairperson and co-founder of JUCCE (Joint US-China Collaboration on Clean Energy), China’s leading Non-Profit dedicated to changing the way China creates and uses energy. She was named a Time Magazine Hero of the Environment in 2008, a World Economic Forum Young Global Leader in 2009, the Hillary Institute Laureate of 2010, and an energy adviser to the Clinton Global Initiative in 2008. In Chinese press, she has been recognized as a green leader on covers and in features such as Global Times (“Green Goddess”), Beijing Tatler (“Green Miracle”), Psychologies (“10 Green Handkerchiefs award”), L’Officiel, Elle, Good Housekeeping, Rui Li, Southern People Weekly, Shanghai Daily, The Bund, 21st Century Herald, China Daily, QQ, Sohu.com. She is the winner of The Economist debate „Why China is doing more than the US in climate change leadership“ (November 24, 2009) www.economist.com/debate/overview/158; author of an op-ed in Huffington Post, „3 Win-Win Areas for US-China Collaboration“ (2009); author of an op-ed in 21st Century Herald, World Economic Forum supplement, „Why COP15 Negotiations are Built on Shaky Ground“ (Sept 2009). Peggy organized the MIT Forum on the Future of Energy in China 2007 from which JUCCE was formed. This forum was the first public dialogue between US and Chinese government officials on clean energy in China. Prior to JUCCE she has been a venture capitalist, an Internet pioneer, a management consultant at McKinsey, a software product manager, computer programmer, and organic gardener. She is a graduate of Massachusetts Institute of Technology in Electrical Engineering and Computer Science and completed a program in Global Leadership and Public Policy

for the 21st Century at the Harvard Kennedy School of Government. She has extensive non-profit management experience in a wide range of sectors and has a passion for making the world a better place.

HON DR NICK SMITH

Nick was born and educated in North Canterbury and first stood for public office at the age of 18 for the Rangiora District Council while still at High School. Nick attended Canterbury University where he completed a Civil Engineering degree followed by a PhD in Landslides. Having joined the National Party as a teenager Nick has held governing positions through all levels of the organisation and has been involved in several campaigns.

Nick entered parliament in 1990 and was the first National MP in Tasman since 1932, then following the MMP reforms in 1996, was elected the first Nelson National MP since 1954. He continues to hold the seat with a comfortable majority. A Minister in the previous National Government he has held the portfolios of Education, Corrections, Conservation, Assoc Minister of Immigration, Treaty Negotiations and Social Welfare. Nick is deeply involved in his local Nelson community, and particularly enjoys constituent work. Nick is married to Linley, and is the proud father of Hazel and Logan, and stepfather of Samantha and Alexander.



LINH DO

19-year-old Linh Do is the National Director of Change&Switch, a project which amalgamates the issues of climate change, social justice and sustainability. She is 2009 Maribyrnong Young Citizen of the Year and in 2008, was a 2020 Youth Summit Participant, overall winner of the VCE Achiever Award and a participant in the Kwong Lee Dow Young Scholars Program.

Linh founded Change&Switch in 2007 and is a member of the Youth Affairs Council of Victoria’s reference group and the Lord Somers and Power House Association. She was Red Cross Victoria Youth Advisory Council member between 2006 and 2008 and Victorian SRC executive board member from 2007 to 2008. Linh’s current work with Change&Switch includes organising 100 young people to attend a climate change event in Sydney, and the development of a website, Speaking Your Mind, which will feature writing by leaders in various fields on current issues and ideas for change.

She participated in an environmental training program conducted by Al Gore in 2007. Since then she has worked closely with the Australian Conservation Foundation (ACF) and recently participated in an ACF documentary film, *Telling the Truth*. As a Year 10 student at Braybrook College, Linh started *Change A Million Light Bulbs*, a campaign to influence people to convert a million incandescent lights into fluorescent ones. Linh has received numerous academic and leadership awards including the ADFA Leadership Award (2006), the Climate Project (2007) and the Western Chances and Education Foundation Ambassadorship (2007-2008).



ROB MORRISON

Rob Morrison is the former Chairman of CLSA Asia-Pacific Markets, an award winning brokerage, investment banking and private equity group, headquartered in Hong Kong, and operating in 16 markets, 11 of which are in Asia. After 25 years in the Investment Banking industry, with the last 10 years at CLSA, he retired from CLSA in June 2009 to return to New Zealand.

In the 2007, 2008 and 2009 Asiamoney Polls of global financial institutions CLSA was ranked as the No.1 broking firm for Asia (ex Australia and Japan). CLSA was also the first foreign investment bank to be granted a domestic joint venture investment banking licence in China.

Mr Morrison joined CLSA in 1999 and was promoted to Chief Executive Officer in 2002. In 2006, in addition to being the CEO, Mr Morrison became the Chairman of CLSA.

Prior to joining CLSA, Mr Morrison was an Executive Vice President and Head of Equities at Bankers Trust Australia, based in Sydney and before that the Chief Executive Officer of Bankers Trust New Zealand. Prior to joining Bankers Trust he had been the CEO of Ord Minnett New Zealand, a leading NZ broker and advisory house. He is an Advisory Professor at Nankai University in Tianjin, China, and a member of the Asian Advisory Board of The Nature Conservancy, the leading conservation organisation working around the world to protect ecologically important lands and waters for nature and people.

He is also on the board of the Asian Corporate Governance association, an independent organisation funded by global financial institutions and corporations to work towards improving regulatory and corporate governance standards in Asia.

He was also a member of the Copenhagen Climate Council, a global collaboration between business leaders, scientists and policy makers set up to work together for a new UN protocol at the COP 15 meeting in Copenhagen to replace the 1997 Kyoto Protocol.

DANIEL ANDERS KAMPMANN

As part of the Ministry of Foreign Affairs of Denmark the Danish Trade Commission has since 1979 been responsible for an ever growing trade between Denmark and New Zealand. Daniel Kampmann is the Head of the Danish Trade Commission in New Zealand and a member of the Ministry’s Global Industry Team for Energy & Environment (GIT E&E). Due to the considerable trade in clean technologies between New Zealand and Denmark the Danish Trade Commission primarily focuses on this area. Denmark is the most energy efficient country in the European Union and the total export of clean technologies from Denmark was around NZ\$ 23 billion in 2008. During the last decade the export of Danish clean technologies has tripled, and being involved in this process in recent years Daniel can unveil some of the fundamentals of the Danish cleantech export success.



TONY ARNEL

Chair, World Green Building Council and Green Building Council of Australia
Victorian Building Commissioner and Plumbing Industry Commissioner

Tony is Victoria’s Building and Plumbing Industry Commissioner - roles in which he is responsible for regulating the state’s \$25Bn building and plumbing systems and advising the Minister for Planning on all building control and plumbing industry matters. He is also Chair of the World Green Building Council and Chair of the Green Building Council of Australia (GBCA).

Over the past decade Tony has been a leader of the national and international sustainability debate, particularly in the Asia-Pacific region, advocating sustainable building as a means of reducing greenhouse emissions whilst improving economic growth and creating

green jobs. As a member of the Australian Building Codes Board, Tony has overseen the implementation of new energy-efficiency standards into the national building code. He continues to play a key role in the transformation of the Australian property market to sustainable practices.

Tony is a Life Fellow of the Australian Institute of Architects and a Victorian Fellow of the Institute of Public Administration Australia. He is a past Chairman and Director of the Melbourne International Comedy Festival – Australia’s largest arts festival. In 2009 he received the Australian Financial Review’s ‘True Leadership’ Award and in March 2010 he received the inaugural ‘Leadership in Sustainability’ Award from the Australian Institute of Architects.



DR NICK MARSH

Dr Nick Marsh is Managing Director of NEXT Corporation, with offices in Auckland, Melbourne, Christchurch and Port of Spain, Trinidad. Dr Marsh was previously the MBA Director at Auckland University, and is the author of three Management books. NEXT provides Research Services and Strategic Facilitation for major strategic change initiatives in organisations across a wide variety of public and private sectors. Clients include corporate CEO's, Board Chairmen, and senior executives who are responsible for strategic thinking and getting understanding and commitment to the vision and roadmap for the future. Nick is an associate of the Hillary Institute and formed NEXT Carbon in 2008 to focus on the corporate challenges of Low Carbon Growth. He has worked across a number of major investment projects in Renewable Energy, with particular focus on Geothermal. He was a founding member of the NZ Business Council for Sustainable Development and is a prominent speaker at National and International Conferences on a low carbon society and economy.

CAMERON BAGRIE

Cameron has been at the Bank since 1999 and leads the market's team. This includes preparing the bank's economic forecasts, economic commentaries, insights into financial market developments and strategic direction to the bank and clients. Prior to working at ANZ National he cut his teeth at the New Zealand Treasury, where he was involved in providing macroeconomic advice to the Minister of Finance.



FRASER WYLLIE

Fraser has had over 20 years of experience in the construction industry within New Zealand and overseas. He is experienced in establishing and growing businesses in the civil construction market and has an interest in risk management and strategic planning. Fraser has a BE (Civil) degree from the University of Auckland and completed an MBA from Massey University. Fraser joined Hawkins Construction in 2007 to establish and lead a new Infrastructure division within the ISO 14001 accredited Hawkins Group. Hawkins is a member of the Green Building Council and has Environmental remediation and Open Spaces divisions. It has recently completed the 6 Star Christchurch City Council Building with Ngai Tahu. Since its inception Hawkins Infrastructure has grown considerably to become a market leader in delivering innovative solutions to technically challenging projects.

During this time Fraser has had strategic input into two major geothermal projects – the construction and design of the Kawerau Geothermal plant and contribution to the Nga Awa Purua Geothermal Plant. In 2010 Fraser attended the World Geothermal Congress in Indonesia.

PETER TOWNSEND

Peter Townsend is the Chief Executive of the Canterbury Employers' Chamber of Commerce and has held that position since 1996. The Employers' Chamber has over 3,000 members and concentrates on assisting members to improve their enterprises; ensuring members can operate in a business friendly environment; and encouraging new levels of business activity. Peter holds several corporate directorships including being a Board member of New Zealand Trade and Enterprise and is involved with a range of community groups and initiatives in this region that are in harmony with the objectives of the Employers' Chamber.

Peter is the Honorary Consul for Chile for the South Island, a Fellow of the Institute of Directors and a Fellow of the Institute of Management. Peter has a BSc (Hons) and a post Graduate Diploma in Business.

Peter is passionate about the role of quality leadership in society and is a strong advocate of product integrity, together with environmental, social and economic sustainability.



ANAKE GOODALL

Anake Goodall is the Chief Executive Officer of Te Runanga o Ngai Tahu, the organisation that services the tribe's statutory rights and ensures that the benefits of the Settlement grow for future generations. He has diverse management experience from careers as a labour union delegate, a plant nurseryman, the manager of the Ngai Tahu's historical settlement process, and as an independent consultant to a range of clients including the New Zealand government and a number of iwi.

He is particularly interested in the areas of change management and capacity building, strategic planning and organisational development, complex negotiations, sustainable natural resource utilisation, and international development issues.

Anake has an MBA, and a Masters of Public Administration from Harvard's John F Kennedy School of Government. He is also a New Zealand Harkness Fellow.

IAN TOWN

Professor Ian Town was appointed Deputy Vice-Chancellor at the University of Canterbury in 2005. The Deputy Vice-Chancellor has prime responsibility for all academic and research matters at the University in conjunction with two Assistant Vice-Chancellors. Professor Town is a member of the senior management team and deputises for the Vice-Chancellor in his absence.

Professor Town has held a range of portfolios at the University of Canterbury. Throughout his time at the University he has retained a major interest in research strategy, including leading the University's strategic projects around the performance based research fund, research and innovation strategy, links with commercial companies, oversight of Facilities Management and Library Services, and leading the establishment of Research Institutes. Professor Town chairs the Pacific Peoples' Advisory Group and the University's Academic Promotions Committee. He is the Chairman of Academic Board.



HANS FRAUENLOB

Director, Specialised Manufacturing – New Zealand Trade and Enterprise

Hans manages NZTE's Specialised Manufacturing team and is responsible for NZTE's work with businesses in the wider manufacturing and materials sectors. Hans has an extensive background in information technology and management. Prior to his current role, Hans was Director ICT, and also managed NZTE's Beachheads programme. In an earlier role as Group Manager, Business Development, Hans was responsible for NZTE's online services, Enterprise Hotline, Enterprise Development Fund, the biz network, and business training and development services. Previously he was Chief Information Officer for Trade New Zealand.

Prior to joining Trade New Zealand in 2002, Hans worked with Certus Consulting as Principal Consultant, and with Cardinal Banking Technologies where he was a project manager for ASB Bank's Internet banking system Fastnet. His career also includes a position as the information systems manager for the Toronto Blue Jays Baseball club. Hans is based in Auckland.

TIM LUSK

Tim has been Chief Executive of Meridian since May 2008. Prior to that he was Chief Executive of the Post Office Welfare Trust after having served as General Manager Wholesale in Telecom NZ Ltd from 2002 until August 2006. Prior to Telecom, he held executive positions in Transpower NZ Ltd and Power NZ Ltd. With a background in engineering, his electricity industry accountabilities ranged from engineering development, network pricing, system operations, marketing, customer relations and electricity market development. Tim has had extensive experience in public and private sector energy projects at project and directorship level.

