



Scottish Low Carbon Investment Conference

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Scottish Low Carbon Investment Conference

For a low carbon future

Edinburgh International

Conference Centre

28th - 29th Sept

2010

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Scottish Low Carbon
Investment Conference



Scottish Low Carbon Investment Conference - for a low carbon future



Senior financiers, utilities chiefs and politicians from around the world will take part in the two-day Scottish Low Carbon Investment Conference, 28-29 September at the Edinburgh International Conference Centre, to be opened by First Minister Alex Salmond.

Confirmed keynote speakers include: Dr Farooq Abdullah, Minister for New & Renewable Energy in the Indian Government; the European Investment Bank's Head of Climate Change & Environment Christopher Knowles; Georg Adamowitsch, European co-ordinator for the connection of offshore wind power in Northern Europe; and UK Energy & Climate Change Minister Charles Hendry.

Brought to you by Edinburgh Chamber of Commerce and strongly supported by the Scottish Government and Scottish Enterprise, the Conference will provide a unique forum for Government, international finance, utilities and developers to engage directly, bringing projects and investors together. It will raise debate on the risks and rewards of major capital, public/private and 'venture' size projects in the low carbon sector.

The Scale of the opportunity is immense and with a potential of 40 GW of offshore wind energy and 10 GW of wave and tidal energy, Scotland is uniquely placed to deliver not only on its carbon emission reduction targets but to make an enormous contribution towards global targets through natural resources & expertise.

Work is ongoing to identify low carbon projects and investment opportunities in Scotland and beyond - those involved in relevant work or with potential investment interest are encouraged to register details on the SLCI Conference website: www.slconference.com

The conference is being held at Edinburgh International Conference Centre, Morrison Street, Edinburgh, Scotland, UK, EH3 8EE, 9.00am - 5.00pm on 28 & 29th of September. There will be a keynote dinner at Edinburgh Castle on the 28th of September from 7.00pm.

The registration fee to attend the two day conference is £495 + VAT (£581.63). Attendance at the conference and keynote dinner is £645 + VAT (£757.87).

The website functions as a one-stop-shop for information on the conference, including a detailed programme with all confirmed speakers. It also has an online booking facility and a range of information about Edinburgh as well as an accommodation listing for delegates. If you are interested in exhibiting at the conference or the sponsorship packages please go to: www.slconference.com.



If you have any further enquires please contact the events team at the
Edinburgh Chamber of Commerce on **0131 221 2971 / 0131 221 3194**
or e-mail lowcarbon@edinburghchamber.co.uk.
www.slconference.co.uk



Day 1	Tuesday 28th September				
0900 - 0920	<p>Intro 1:1 Welcome - Chair, Angus McCrone - Chief Editor, Bloomberg New Energy Finance</p> <p>Carbon Markets 2010 to 2020 - Where we are; where we're trying to get to. Current investment levels in carbon reduction and renewable generation - how do these match our goals; where are the opportunities to meet these?</p>				
0920 - 0950	<p>Intro 1:2 Opening Keynote Address - Rt. Hon. Alex Salmond - First Minister of Scotland</p> <p>Why Scotland? Scotland's First Minister conveys the "scale of the opportunity" and makes the case for Scotland as 'the' location for low carbon investment.</p>				
1000 - 1030	<p>Intro 1:3 "Post Copenhagen, Post Election - Meeting the Low Carbon Challenge" - Exploiting the opportunity Moderator: Angus McCrone, Chief Editor, Bloomberg New Energy Finance</p> <ul style="list-style-type: none"> - Dr. Richard Tipper, Managing Director, Ecometrica - Rob Hastings, Director, The Crown Estate - Michael Rea, COO, The Carbon Trust - Jim Mather, Minister for Energy, Enterprise and Tourism, Scottish Government 				
1030 - 1100	<p>Break 1:4 Networking Coffee - Exhibition Hall</p>				
1100 - 1230	<p>Topic 1:5 The 20/20 Business plan and Scotland's Investment Opportunities for Europe's targets:</p>				
1100 - 1115	<p>Lady Susan Rice CBE, Managing Director of Lloyds Banking Group Scotland, 2020 Leadership Group member and Chair of the Finance Sub Group - The 2020 Plan, the Finance Group, scenarios (inc size and shape of opportunity / mix of players)</p>				
1115 - 1130	<p>Paul Brewer, Partner, Price Waterhouse Coopers, 2020 Finance Sub Group member - Attracting the investment required to deliver the UK and Europe's targets (inc matching financial resources to investment opportunities)</p>				
1130 - 1230	<p>Round table - Joint discussion leaders / chairs:</p> <ul style="list-style-type: none"> - Susan Rice, Managing Director, Lloyds Banking Group Scotland - Paul Brewer, Partner, Price Waterhouse Coopers <p>Panel Members:</p> <ul style="list-style-type: none"> - Ed Wilson, Head of Renewables, LBG - Andrew McLaughlin, Chief Economist, RBS - John Rendell, CEO (Scotland), HSBC - Chris Knowles, European Investment Banking - Pension Funds / Sovereign Funds / Investment Managers <p>Having heard about the size of the opportunity and finance required, this collegiate, pan financial industry session, will discuss the issues and look to determine solutions.</p>				
1230 - 1400	<p>NETWORKING LUNCH 1:6</p>				
1400 - 1500	<p>Topic 1.7: Politics, Finance, Generation and Industry - A Coordinated Perspective</p> <p>Boardroom Debate - Introduction, Crawford Gillies, Chairman, Scottish Enterprise</p> <p>The UK alone faces raising an estimated £200 billion worth of investments within the next decade to meet its renewable targets, supported by the recuperating banking sector. How will countries with renewable investment targets foot the bill?</p> <p>Chair: Lena Wilson, CEO, Scottish Enterprise</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <p>Rt Hon Alex Salmond MSP, First Minister of Scotland</p> <p>Thomas Rueschen, Global Head of Asset Finance, Deutsche Bank AG</p> <p>Ian Marchant, CEO Scottish & Southern Energy plc</p> <p>Jim McColl, Chairman Clyde Blowers Group</p> <p>Nick Horler, CEO ScottishPower plc</p> </td> <td style="width: 50%; border: none;"> <p>Mauricio Quintana, CEO Clipper Windpower</p> <p>Dr. Michael Weinhold, CTO Energy, Siemens</p> <p>Eric McAfee, Chairman McAfee Capital Partners</p> <p>Paul Golby CEO EON</p> </td> </tr> </table>			<p>Rt Hon Alex Salmond MSP, First Minister of Scotland</p> <p>Thomas Rueschen, Global Head of Asset Finance, Deutsche Bank AG</p> <p>Ian Marchant, CEO Scottish & Southern Energy plc</p> <p>Jim McColl, Chairman Clyde Blowers Group</p> <p>Nick Horler, CEO ScottishPower plc</p>	<p>Mauricio Quintana, CEO Clipper Windpower</p> <p>Dr. Michael Weinhold, CTO Energy, Siemens</p> <p>Eric McAfee, Chairman McAfee Capital Partners</p> <p>Paul Golby CEO EON</p>
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BREAK INTO PLENARY SESSIONS					
1500-1545	MAJOR CAPITAL	PUBLIC/PRIVATE COLLABORATION	VENTURE		
	<p>Lloyds Banking Group</p> <p>Theme A1:1 - The capital investment programme to realise the renewables opportunity. A balanced perspective on targets, timescale and capital supply v capital demand</p>	<p>RBS</p> <p>Theme B1:1 - Collaboration between the Public and Private Sectors - Raising Finance for Renewables Infrastructure</p>	<p>Clydesdale Bank</p> <p>Theme C1:1 - Low carbon technologies and Communities - a sound financial investment? - FIT, RHI, ROCs, Mandates: The economics of different technologies and the capacity for community engagement. How can communities ready themselves to exploit the opportunities?</p>		



Day 1		Tuesday 28th September cont.		
1545-1600	NETWORKING COFFEE			
BREAK INTO PLENARY SESSIONS				
1600-1645	MAJOR CAPITAL	PUBLIC/PRIVATE COLLABORATION	VENTURE	
	RBS Theme A1:2 - Stacking up economically. Economic models to support financing of the renewables: Sector Panel	Grant Thornton Theme B1:2 - Financing Sustainability: Business Models that Work	Bloomberg New Energy Finance Theme C1:2 - Valley of Death - the availability and cost of capital, what trends are emerging or can be expected.	
1645- 1700	Day 1: Closing Speech: Rt. Hon. John Swinney MSP, Cabinet Secretary for Finance			
Day 2		Wednesday 29th September		
0730-0900	BREAKFAST BUSINESS COSLA - Local government and the low carbon opportunity	BREAKFAST BUSINESS Clean Earth Capital CRC - Funding business to prepare and deliver	BREAKFAST BUSINESS An academic prospective	
0900 - 0915	Intro 2:1 - Chairman Angus McCrone			
0915 - 0945	Intro 2:2 Keynote Address - Rt. Hon. Charles Hendry MP, Minister for Energy, UK Government - The Case for UK Investment			
1000 - 1100	Policy & Regulation 2: 4 The Future Role of Government in Lowering Carbon Production Chaired by; Angus McCrone, Chief Editor, Bloomberg New Energy Finance Rt. Hon. Charles Hendry MP, UK Minister for Energy Rt. Hon. John Swinney MSP, Cabinet Secretary for Finance, Scottish Government Mayor Sam Adams, Portland, Oregon Dr Farooq Abdullah, Minister for New Renewable Energy, Govt. Of India George Adamowitsch, EU Coordinator for the Grid			
1100-1130	NETWORKING COFFEE 2:3			
BREAK INTO PLENARY SESSIONS				
1130 - 1230	MAJOR CAPITAL PWC Theme A2:1 'Financing Constraints in Major Renewables Developments - Barriers? Challenges? Opportunities?'	PUBLIC/PRIVATE COLLABORATION SEGEC Theme B2:1 Financing the Grid - 'Smart' investment opportunities for managing the mix of distributed generation	VENTURE Eric McAfee, AE Biofuels / PA Consulting Theme C2:1 "Letters From America" - The collapse of PE/Infra/Cleantech fundraising and lessons from the dotcom crash.	
1230 - 1345	NETWORKING LUNCH 2:5			
BREAK INTO PLENARY SESSIONS				
1345 - 1445	MAJOR CAPITAL McGrigors Theme A2:2 Realising the off-shore wind potential - overcoming the risks, building infrastructure and enabling the supply chain	PUBLIC/PRIVATE COLLABORATION Skanska Theme B2:2	VENTURE Edinburgh Napier University Theme C2:2 Transport evolution - biofuels, hybrid, plug in, electric vehicles	
1445-1515	NETWORKING COFFEE 2:3			
1520 - 1525	HRH Prince of Wales (video message)			
1530 - 1535	Close 2.7 - Closing Introduction - Angus McCrone, Bloomberg New Energy Finance			
1530-1600	Close 2:9 - Closing Keynote - Rt. Hon. Alex Salmond, MSP, First Minister of Scotland			



Speakers

BANKING AND FINANCE

Lady Susan Rice, Managing Director, Lloyds Banking Group
Andrew McLaughlin, Group Chief Economist, RBS
Andrew Buglass, Director of Power, Structured Finance, RBS
Kevin Maddick, Director of Infrastructure Finance, RBS
Rob Cormie, Executive Director, Quayle Munro
Chris Knowles, Head of Climate Change & Environment, European Investment Bank
Helen Wade, Director of Project Finance, National Australia Bank
Ed Wilson, Head of Renewable Energy, Lloyds Banking Group
Gareth Miller, Head of Renewable Energy Project Finance, Barclays
Thomas Ruschen, Global Head of Asset Finance, Deutsche Bank
David Kipling, Partner, Clean Earth Capital
John Rendall, CEO HSBC Scotland
Andrew Marsden, Managing Director, Europe, GE Energy Financial Services

UTILITIES, DEVELOPERS AND INDUSTRY

Ian Marchant, CEO, Scottish and Southern Energy
Nick Horler, CEO, ScottishPower
Keith Anderson, MD, ScottishPower Renewables
Michael Weinhold, CTO, Siemens Energy
Jim Dehlsen, Chairman, Clipper Windpower
Mauricio Quintana, CEO, Clipper Windpower
Martin McAdam, CEO, Aquamarine Power
Neels Kriek, CEO, Pelamis Wave Power
Eric McAfee, CEO, AE Biofuels
Jim McColl, CEO, Clyde Blowers Group
Noel Morrin, Senior Vice President of Sustainability and Green Construction, Skanska

PROFESSIONAL SERVICES, ADVISORY AND CONSULTING

Paul Brewer, Partner, Corporate Finance, PricewaterhouseCoopers
Ron Norman, Partner Global Energy, PA Consulting
Ben Warren, Energy and Infrastructure Advisory Leader, Ernst & Young,
Angus McCrone, Chief Editor, Bloomberg New Energy Finance
Daniel Buira, Strategy Manager, The Carbon Trust
Michael Rea, COO, The Carbon Trust
Rob Hastings, Director, Marine Estate, The Crown Estate
Andrew Mill, CEO, NaREC
Dr. Richard Tipper, Managing Director, Ecometrica
Dr. Isabel Boira-Segarra, Renewable Services Director, WSP Environment & Energy
Nathan Goode, Partner, Grant Thornton
Jennifer Ballantyne, Partner, McGrigors
Greg Edison, UK Energy Lead, PA Consulting

GOVERNMENT AND PUBLIC SECTOR

Rt. Hon. Alex Salmond MSP, First Minister of Scotland
John Swinney MSP, Cabinet Secretary for Finance, Scottish Government
Jim Mather MSP, Minister for Energy, Enterprise and Tourism, Scottish Government
Richard Lochhead MSP
Jamie Hume, Head of Renewables and Low Carbon, Scottish Government
Crawford Gillies, Chairman, Scottish Enterprise
Lena Wilson, CEO Scottish Enterprise
Adrian Gillespie, Senior director for Energy and Low Carbon, Scottish Enterprise
Dr. Farooq Abdullah, Minister for New and Renewable Energy, Indian Government
George Adamowitsch, European Co-ordinator, European Commission



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Pelamis

SEGEC

Clean Earth Capital

Edinburgh Napier University

Anderson Strathern

PA Consulting

Just a third of Scotland's offshore wind, wave and tidal resource by 2050 would create net value electricity sales of around £14 billion, positioning Scotland as a net exporter of low carbon energy.

1/3 of the UK's offshore renewable resource represents the electricity equivalent of 1 billion barrels of oil a year - matching North Sea oil and gas production.

Harnessing a third of UK's offshore renewable resource could deliver CO2 reductions of 1.1 billion tonnes by 2050 and create 145,000 new jobs, many in Scotland.

Offshore Valuation Study

"With the right resources and government policies, entrepreneurs are attracted to places where founding a business based upon a new idea or a new market is not an uncertain, cautious, timid undertaking."

Eric McAfee, Conference speaker and serial Silicon Valley entrepreneur and financier

"In the last decade Scotland has established a global lead in marine energy technology which has been fostered through supportive government policies. Our next step, of delivering commercial technology and building a green export industry here in Scotland can only be achieved through attracting significant private sector investment."

Martin McAdam, Chief Executive of wave energy company Aquamarine Power

"The Scottish Low Carbon Investment project and conference is an excellent initiative to develop the dialogue linking innovation with finance and to build partnerships that have the potential to deliver on the longer term vision"

Paul Munn, a partner in Edinburgh's venture capital firm Par Equity