

NORTH SOUTH SOLO



THE TOUGHEST JOURNEY ON THE PLANET CLIMATE CHANGE 2020 LEADERSHIP

Join the 2020 Leadership Group, Svalbard, Norway

This unique North South expedition by Mark Wood, explorer with Skype as principle sponsor, is combined with an extended education programme together with a parallel Climate Change 2020 Leadership project. It will be culminating in a high profile initiative 3 - 7 May 2012, Svalbard, Norway.



"The North South Solo expedition is the toughest journey on the planet covering two of the most hostile and unforgiving regions on earth. I wish Mark every success in his endeavour and I encourage others to follow his journey."

Sir Ranulph Fiennes O.B.E.



THE TIME LINE 2011 / 2012 ...

August / September / October 2011

Training schedule in the Himalayas.
Three Mount Everest Base Camp Treks.
One Island Peak ascent

South Pole January 2012

Arrive at the South Pole - 08.01.12

November 2011

Arrive in Punta Arenas, Chile - 17.11.11
South Pole expedition begins - 21.11.11

South Pole Expedition - 45 days

North Pole Expedition - 65 days

North Pole April 2012

Arrive at the latest 29.03.12
Taken to Svalbard by Russian
long range helicopter

February 2012

Set foot on the Arctic Ocean - 15.01.12

Climate Change 2020
Leadership Project
03.05.12 - 05.07.12

NORTH SOUTH POLE SOLO EXPEDITION

CLIMATE CHANGE 2020 LEADERSHIP PROJECT

Join the 2020 leadership Group to Svalbard, Norway

Travel

Thursday 3rd May 2012

Depart Heathrow Airport mid morning.

Change at Oslo Airport, 2 hours for connection.

Arrive at Svalbard Airport, Norwegian Arctic - Coach to Spitsbergen Guest House.

Depart Monday 7th May 2012 (13.15) to Longyear Airport (14.45) Oslo and to London.

Accommodation

Spitsbergen Guest House

<http://www.spitsbergentravel.com/start/accommodation>

Experience the Arctic

A variety of traditional Norwegian experiences each day including travel onto the Longyear glacier by Caterpillar equipment and warm clothing & boots supplied to walk into passages formed by melting water under the glacier. Dog sledding in Bolterdalen including ice caving using snowmobiles to reach Scott-Turner Glacier and to see the Global Seed Bank in Svalbard.

Mark Wood Explorer www.markwoodexplorer.com

Mark Wood North-South Solo Expedition.

Report of the journey.

Climate Change 2020 Leadership – Stakeholder Dialogue for Action

This coincides with the 20th anniversary of the United Nations Earth Summit, Rio, Brazil 1992 which initiated the Kyoto Protocol as the first international climate change agreement. While much has been achieved, global emissions of greenhouse gasses are higher today than ever. Now the urgent challenge is averting runaway climate change by 2020 in order to stop the threat to life on earth as we know it. In the absence of a United Nations agreement there's an imperative for EU/UK leadership including this major initiative.

Lord Stern's Review offers cost benefit for business and wider community in the low carbon transition, with the prospect of accelerating large scale renewable energy projects, producing, installing and marketing clean, smart technologies, combined with resource efficiency for a sustainable future.

The challenge for 2020 leadership

A core objective of this unique initiative is to establish a high profile, co-sponsored leadership group, working in parallel with Mark's unique solo journey aided by Skype's technology facilitating an interactive stakeholder dialogue. It will culminate in a three day workshop in Svalbard, Norwegian arctic with Mark at the end of his journey to prepare a major campaign initiative to launch on return.

1. For all participants to share experience of their organisations practice and commitments to help accelerate this during Mark's journey. Incorporated into this will be an engagement programme for all staff, clients/ supply chain demonstrating Climate Change 2020 leadership.

2. Develop a unifying major campaign initiative for 2012 - 2020 to help engage the mainstream in actions assisting delivery of the UK/EU objectives for radical reduction of greenhouse gas emissions, generating renewable energy, production of smart, clean technologies and resource efficiency.

Stakeholder Dialogue Workshops (over three days)

1. Welcome -Introduction
Norwegian Government Representative (Invited).
Mark Wood – Explorer, report on the North South solo expedition.
Schedule programme of visits and workshops.
Equipment supplier for snow and ice visits.

2. Science of climate change, risks and uncertainties
United Nations Intergovernmental Panel on Climate Change Reports.

3. Financing the low carbon transition
Lord Stern Review, (5 years on).

4. Making One World Sustainable for 10 Billion
Capitalism as if the World Matters by Jonathon Porritt.

5. Powering the Clean Energy & Technology Revolution
100% Renewable Electricity, PriceWaterhouseCoopers.

6. Climate Change 2020 Commitment
Define a major unifying campaign to engage the mainstream to achieve the UK/EU 2020 objectives.(UK launch in May 2012)

Sponsorship

The sponsorship of £6,000 will include...

- 1) Cover travel, accommodation and the range of activities
- 2) Contribution to Mark Wood's Expedition sponsorship
- 3) Contribution to the extensive schools climate change programme
- 4) Costs of organising the Climate Change 2020 Leadership Project



THE CHALLENGE

"Polar explorer Mark Wood aims to become the first person in history to walk to the Geographic North and South Poles, back to back and on his own. Unsupported and unaided, he'll spend more than six months alone in the most hostile places on earth."
"Mark is a full time polar explorer and adventurer, who after leading fourteen major expeditions within the Arctic Circle in the past decade along with twelve Himalayan expeditions he is now embarking on the biggest challenge of his life.

In November 2011 he will set off on a 45 day solo unsupported journey to the Geographic South Pole. He will operate within the coldest place on the planet whilst pulling a sledge weighing 120KG over a distance of 1000 kilometres. From there he will then head straight for the Canadian high Arctic to repeat his incredible feat, with an unsupported solo assault on the Geographic North Pole."

www.markwoodexplorer.com

EDUCATION PROGRAMME

GENERATING A SUSTAINABLE FUTURE

A generation going through education today can anticipate an average life expectancy of around one hundred years double that of their great grandparents, but with mixed prospects. This generation are also witnessing unprecedented scenes of forest fires from Russia to Australia, extreme floods in Pakistan, the accelerating melting of the Poles and with it rising sea levels. Coincidentally, they are witness to global financial crisis, threatening the prospects of their post education, careers and future quality of life.

Can this threatening scenario change the education system to equip those who do not bear responsibility, but who will suffer the consequences, with the knowledge and commitment to help to shape a low carbon, clean energy and technology future?

It is imperative that education and training inspires a new generation with the knowledge and opportunities for employment in what will be a growing low carbon clean energy and technology future. We have the means to capture all the energy we need from under our feet (geothermal), from the air (wind), sun (solar), sea (tidal and wave), rivers (hydropower), biomass or sewage (anaerobic digestion) hydrogen and fuel cells. This will foster innovation and the application of smart technologies, reducing emissions in our building and transport technologies, for a modern society.

Skype Support

The North South Solo expedition has linked with Skype in the Classroom, a dedicated global network for teachers and other specialists to connect other educators on line.

Using this platform, teachers can create profiles that describe their classes and teaching interests. They can also search a directory of teachers from all over the world by student age range, language and subject. Over 4,000 teachers are now using Skype and many of them have used the network to coordinate Skype projects with other schools.

Skype has made it easier for guest speakers like Mark to be invited into classrooms to deliver talks without asking them to travel, and allowing them to take virtual field trips. Mark is using Skype within the journey to both poles to connect with students around the globe so they can experience every breath step and emotion along the way.



www.markwoodexplorer.com

The Challenge of Climate Change



UK Carbon Plan 2011 launch by David Cameron, Prime Minister, Nick Clegg, Deputy Prime Minister, Chris Huhne Secretary of State for Energy and Climate Change

Climate change is one of the greatest threats to both UK and global security and prosperity. There is an overwhelming scientific consensus that climate change is happening, and that it is very likely to be primarily the result of human activity. There is now almost 40% more carbon dioxide in the atmosphere than there was before the industrial revolution, a level not experienced for at least the last 800,000 years. Consequently, the global average temperature continues to rise, and 2000-09 was the warmest decade on record since at least the 1850s.

Without action to curb emissions, there is a very high risk of global warming reaching well beyond 2°C relative to pre-industrial times. Such unmitigated global warming would increase the risk of accelerated or irreversible changes in the climate system, such as initiating melting of the Greenland and West Antarctic ice sheets, leading to major sea level rise, or the release of large natural stores of methane from oceans or melting permafrost, which could cause further warming. The UK Met office's Hadley Centre has produced an interactive map outlining some of the impacts that may occur if the global average temperature rises by 4°C (7°F) above the pre-industrial climate average.

Government's approach to avoiding the risk of dangerous climate change has at its heart the Climate Change Act 2008, which requires government to reduce greenhouse gas emissions by at least 34% by 2020 and 80% by 2050—below the 1990 baseline;

Doing this means change across the whole economy:

- in the way we generate our electricity, where we must see a dramatic shift away from fossil fuels and towards low carbon alternatives—renewable energy, new unsubsidised nuclear power and fossil fuel power stations fitted with Carbon Capture and storage;
- in the way we heat our homes and businesses, where a step change is needed in how well our homes are insulated and in the use of low carbon energy alternatives, such as heat pumps;
- and in the way we travel. This means better public transport, reducing emissions from petrol and diesel engines and moving towards alternative technologies such as electric vehicles.

Becoming a low carbon economy will be one of the greatest changes our country has ever known. But it is a change for the better, for our economy, our society, and for the planet. This Carbon Plan shows how, together, we can make it happen.

Around 17% of the UK's greenhouse gas emissions come from our businesses and industrial processes. These emissions are produced in different ways, including from industrial processes or from heating – and cooling – office buildings. In addition to heat-related emissions, greenhouse gas emissions are produced by chemical reactions in industrial processes, or from leaks of fluorinated gases from equipment like refrigerators and air conditioners. Making these processes greener and more efficient will be an important part of the move towards a low carbon future.

The energy used in our businesses and in industrial processes will always be an important part of our economy. The government is committed to improving energy efficiency to help deliver the UK's climate objectives at the lowest cost. The government will focus its support where there is a need to help business overcome barriers to investing in energy and carbon saving. By improving resource efficiency, using less energy and water and minimising waste, UK businesses could save around £6.4 billion per year – 1.9% of UK gross operating surplus (profit). The government will work to take account of the nature of the commercial property sector (e.g. addressing the differences between domestic and commercial energy supply contracts) to ensure that businesses can benefit from the business element of the green Deal.

'Embracing a low carbon economy will be as momentous as the previous industrial revolutions with the shift from coal to oil and gas light to electric light. It has the potential to give us the competitive edge in the new global economy. The scale of the challenge is extraordinary; we will need to reinvent the way in which we live our lives and the way our world works.'

Charles Hendry
Minister of State for Energy and Climate Change

Name

Organisation

Job Title

Address

Post Code

Phone

Mobile

Email

I wish to register interest in:

- The Climate Change 2020 Leadership Project
- The North South Solo Expedition sponsorship
- Education sponsorship opportunities
- Joining the online Climate Change 2020 Leadership Network
- Send a message of support

You can also register your interest via our website at

www.climate-change-solutions.co.uk

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