

Getting to grips with nature.

This initiative is brought to you by Forest Trends
The Katoomba Group
Swiss Re



EXPLORING
rüschtikon

What happens to the world makes a big difference to a company like Swiss Re. Socially, politically, economically and environmentally, everything has an impact on the global risk market. That's why Swiss Re created the Centre for Global Dialogue, as a place for enquiring minds to look ahead to the future.

“Beyond carbon - emerging markets for ecosystem services”

Rüschlikon – Centre for Global Dialogue, Switzerland

29 – 30 October 2003

This initiative is brought to you by:

Forest Trends, a Washington, D.C.-based nonprofit organisation, promotes market-based approaches to conserving forests outside protected areas, by moving beyond an exclusive focus on timber and fibre to a broader range of products and services. Forest Trends brings together leading agents in industry and finance with representatives from governments and non-governmental organisations (NGOs) to advance markets for forest ecosystem services and sustainable forest products, as well as investments and markets that bolster the livelihoods of forest-based communities.



The Katoomba Group involves representatives of forestry and finance companies, environmental policy and research organisations, governmental agencies and influential private and nonprofit groups. The group is dedicated to facilitating strategic partnerships that can launch new green forest products in the marketplace, building collective understanding of how market-based instruments for environmental services are constructed, the conditions in which they can work and providing technical support to pilot projects of broad relevance.



Swiss Re



Swiss Re is a leading reinsurer and the world's largest life and health reinsurer. The company is global, operating from 70 offices in 30 countries. Swiss Re offers a wide range of traditional reinsurance products and related services, which are complemented by insurance-based corporate finance solutions and supplementary services. Two of Swiss Re's corporate Top Topics are climate change and water, coming under the heading of sustainability. As a knowledge company Swiss Re contributes to contemporary thinking on issues such as carbon, water and biodiversity through its sustainability unit, promoting market-based solutions wherever feasible. With the Greenhouse Gas Risk Solutions team, Swiss Re has created a unit which translates these ideas into operational business.

We wish to acknowledge the kind support of our sponsors:



This conference will bring together leading drivers of innovation from the business, financial and regulatory worlds, public opinion leaders and the NGO community. They will share analysis and experience, encourage creative solutions and develop new partnerships and initiatives to help markets for ecosystem services emerge and thrive.

Human prosperity depends on the integrity of services from the natural world. There is a growing awareness of the many services that forest ecosystems provide, such as watershed protection, biodiversity conservation and carbon storage. There is also growing awareness of the costs to society when these services are degraded or lost. The increasing scarcity of clean water, for example, is helping to generate a clearer perception of environmental risks associated with pollution and deforestation.

Despite their great value to society, most services provided by ecosystems have until recently been treated as "commons" without financial worth or price. During recent years, however, mechanisms have started to emerge which assign a market value to these services. The most notable example is the nascent global market for greenhouse gas emissions offsets, where forests may generate income related to carbon sequestration. In addition, examples of markets for water and biodiversity services have appeared on a local scale, but with vast replication potential.

From the business perspective, these emerging markets are promising to increase efficiency in dealing with risks related to degrading environments, while simultaneously opening new business opportunities. Within the financial industry around the world new approaches and instruments are being developed which are responding to the challenge of creating new markets for ecosystem services. "Beyond carbon – emerging markets for ecosystem services" will address both the environmental risks as well as explore and demonstrate the potential business and financial benefits of markets for forest ecosystem services.

Conference goals

“Beyond carbon - emerging markets for ecosystem services” will promote the development of markets, trading and financial mechanisms that recognise the value of the environmental services of ecosystems. This conference, and associated workshops, will aim to expose participants to the thinking of leading practitioners and innovators in the field of environmental service finance. Specifically, the conference will:

- Facilitate understanding about the latest concepts in developing markets for ecosystem services;
- Present a range of compelling international case studies on markets involving ecosystem assets and the services they provide;
- Identify potential partners and investments associated with emerging markets for carbon, water and biodiversity management;
- Analyse the exposure of different industries to carbon, water and biodiversity risks;
- Explore the risks to investors arising from the degradation of natural ecosystems;
- Debate the future interplay of financial and environmental interests.

Target audience

The conference will bring together senior representatives from:

- Forestry and wood product companies
- Financial institutions
- Insurance and reinsurance industry
- Environmental organisations
- Food and agriculture sector
- Mining, oil, and gas companies
- Utilities and heavy industry
- New business developers
- Asset managers
- Research and academic institutions
- Government Institutions

Workshops

The conference will feature a series of topical workshops for in-depth analysis and discussions:

- On Day 1, sector-specific workshops will explore the exposure of industries such as food & agriculture, mining, oil & gas, and power generation, forestry and pulp & paper and the financial sector to water, biodiversity and carbon risks.
- On Day 2, dedicated workshops will focus on emerging markets for water, carbon and biodiversity services. Building on presentations of real-life case studies and deals, they will present a platform to explore the details of these individual markets and assess future opportunities and risks for industry as well as financial service providers.

Conference Programme

Wednesday, 29 October 2003

Morning moderated by Eugene Linden, Writer, Time Magazine

10.00 – 10.30 Opening Remarks

- Michael Jenkins, President, Forest Trends
- Richard H. Murray, Chief Claims Strategist, Swiss Re

10.30 – 11.00 Keynote Address

Markets for Ecosystem Services and the Millennium Development Goals

Donald Melnick, Director, Centre for Environmental Research
and Conservation, The Earth Institute at Columbia University

11.00 – 12.30 Panel Discussion

Establishing Frameworks for Ecosystem Service Markets: Creating Political Support

- Honorable Kim Yeadon, Member of Parliament,
New South Wales, Australia
- Eduardo Braga, Governor of the State of Amazonas, Brazil
and Virgilio Viana, Secretary of Environment and
Sustainable Development, the State of Amazonas, Brazil
- Artur Runge-Metzger, Head of Unit Climate Change and
Energy, European Commission

12.30 – 14.00 Lunch

Afternoon moderated by Phil Cottle, CEO,
Forest Risk Management Services Ltd

14.00 – 15.00 Panel Discussion: The Economic Drivers

Responsible Investors

Mark Campanale, Investment Marketing Manager,
Henderson Global Investors

Quantifying the Value of Sustainability

Forest L. Reinhardt, Professor of Business Administration,
Harvard Business School

Environmental Campaigns

Randy Hayes, President, Rainforest Action Network

15.00 – 16.15 Case Study: Industry Exposure and Response

The Forest vs. Soybean Frontier in Brazil

- Daniel Nepstad, Senior Researcher, Woods Hole Institute
- Airton Faleiro, Congressman, State of Pará
- John Carter, Executive Director, The Brazilian Land Trust
- Dwayne House, Director, The Brazilian Land Trust
- Hans Jöhr, Assistant Vice President, Nestlé Corporation

16.15 – 16.45 Coffee Break

16.45 – 18.30

Parallel Breakout Sessions

Food and Agriculture

- Marcio Amazonas, Water Resources Manager, Coca Cola
- Hans Jöhr, Corporate Head of Agriculture & Assistant Vice President, Nestlé Corporation

Moderated by Sara Scherr, Director, Ecosystem Services, Forest Trends

Mining, Oil & Gas, Utilities

- Robert Goldstein, Area Manager, Water and Ecosystem Services, EPRI Solutions
- Sachin Kapila, Group Biodiversity Adviser, Shell International Limited
- Adelle Howse, Commercial Manager, John Holland Group

Moderated by Urs Brodmann, Managing Partner, Factor Consulting + Management AG

Forestry, Pulp & Paper

- Thomas Jorling, Vice President, Environmental Division, International Paper
- William Goodrum, Manager, Forest Practices & Principles, Temple Inland

Moderated by Mario Monzoni, Centro de Estudos em Sustentabilidade, Fundacaon Getulio Vargas

Financial Sector

- Richard Burrett, Global Head of Project Finance, ABN Amro
- Kerry ten Kate, Director, Socially Responsible Investment Team, Insight Investments

Moderated by Steve Cox, Director,

Biological Resources Program, World Resources Institute

18.30

Standing Dinner

Thursday, 30 October 2003

Morning moderated by Michael Jenkins, President,
Forest Trends

09.00 – 09.30 **Keynote Address**

The Way Forward

José-María Figueres, Senior Managing Director
of The World Economic Forum

09.30 – 9.45 **Enabling the Markets: The Role of Bilateral Institutions**
Hans-Peter Egler, Head of Trade and Clean Technology
Co-operation, State Secretariat for Economic Affairs

9.45 – 10.15 **Pioneering the Markets: The Role of Multilateral Institutions**
Ken Newcombe, Director of Carbon Funds, The World Bank

10.15 – 10.45 **Coffee Break**

10.45 – 12.30 Parallel Breakout Sessions: Making Markets Work for Water, Carbon and Biodiversity Services

Developing Markets for Water Services

When Money Flows Upstream:

Payments for Watershed Services in Guatemala

Melissa Edwards, Freshwater Program Officer,
World Wildlife Fund

Emerging Deals and Water

Anand Rangarajan, Executive Vice-President, WorldWaterCorp

Shipping East: The New York - Shanghai Connection

Albert Appleton, Senior Fellow, Regional Planning Association
Moderated by Thomas Streiff,
Head Group Sustainability Management, Swiss Re

continued

Parallel Breakout Sessions: Making Markets Work

Forest Carbon Potentials

Reforestation in Australia:

The Challenges and Potential Role of Environmental Markets

David Brand, Director, Carbon Programs,
Hancock Natural Resource Group

Carbon Project in Colombia

Carmenza Robledo, Project Manager, Intercooperation

CDM Forestry for Low Income Producers

Sara Scherr, Director, Ecosystem Services, Forest Trends
Moderated by Nancy Vallejo, Partner,
Pi Environmental Consulting

continued

Parallel Breakout Sessions: Making Markets Work

Technicalities of the Carbon Market

**Technological Advances in Measuring Carbon and
other Ecosystem Services**

Sandra Brown, Ecosystem Services Unit,
Winrock International

Lowering Transaction Costs: Climate Investment Partnership

Nigel Baker, Greenhouse Gas Risk Solutions, Swiss Re

**The Concept of Temporary Credits and
their Effects on Accounting**

Pedro Moura Costa, Managing Director, Ecosecurities

How to Insure Permanence?

Wolfgang Ortloff, Greenhouse Gas Risk Solutions, Swiss Re
Moderated by Phil Cottle, CEO,
Forest Risk Management Services Ltd

continued

Parallel Breakout Sessions: Making Markets Work

Investing in Biodiversity

Biodiversity Markets: The Costa Rican Case

Franz Tattenbach, Executive Director, FUNDECOR

Counting on Bugs: The Investor's View on Biodiversity

Kerry ten Kate, Director, Socially Responsible Investment,
Insight Investment

Payments for Biodiversity – Case Study from NSW Australia

Jim Shields, Wildlife Manager,

State Forests of New South Wales

Moderated by Adam Davis, Director, Environmental Programs,
EPRI Solutions

12.30 – 13.45

Lunch

Afternoon moderated by John Forgach, Professor Adjunct,
Yale University, School of Forestry & Environmental Studies

13.45 – 15.40 **Panel Discussion: The Case for Forestry Investments**

The Metrics of the Deal: The Forestry Asset Class

Clark Binkley, Managing Director and CIO,
Hancock Timber Resource Group

Managing Tropical Forests Sustainably

Andres Gut, CEO, Precious Woods

Monetising Ecosystem Services through Certification

John Earhart, Chairman, Global Environment Fund

Carbon Revenues for Forestry:

Real Opportunity or Pipe Dream?

Klaus Böswald, Project Leader,
Factor Consulting + Management AG

15.40 – 16.00 **Markets for Ecosystem Services:**

How Real, How Soon, How Important

William Jackson, Director, Global Program,
The World Conservation Union

16.00 – 16.05 **Closing of the Conference**

Chris Walker, Head Greenhouse Gas Risk Solutions, Swiss Re

Venue

Rüschlikon – Centre for Global Dialogue
Gheistrasse 37
8803 Rüschlikon, Switzerland
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www.ruschlikon.net

Date

29 – 30 October 2003

Conference Language

English

Contact

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Registration

Please complete the attached registration form and fax it directly to:

Lucrezia Seiler, Programme Assistant

Phone: +41 1 704 88 08

Fax: +41 43 282 88 08

Lucrezia_Seiler@swissre.com

Travel and accommodation

Participants are responsible for their own travel and accommodation arrangements. You will receive a list of hotels offering Swiss Re corporate rates upon registration.

Meals and refreshments

Coffee, lunch and refreshments will be served over the two days to all participants, as well as dinner on 29 October.

Cancellation

If for some reason you are unable to attend, please inform Lucrezia Seiler (see above for contact details).





Fax registration form (+41 43 282 88 08)

Conference "Beyond carbon - emerging markets for ecosystem services"

Date 29 – 30 October 2003

Venue Rüschlikon – Centre for Global Dialogue, Switzerland

Return to Lucrezia Seiler, Programme Assistant, Phone: +41 1 704 88 08,

Fax: +41 43 282 88 08, Lucrezia_Seiler@swissre.com.

First name

Family name

Function

Company / Organisation

E-Mail address

Business phone #

Business fax #

Address

City/Postal code

Country

Attendance

29 October

Yes No

30 October

Yes No

Zurich hotel list required

Yes No

Dinner on 29 October

Yes No

Date

Signature
