

CONFERENCE BOOKLET



International Forest Business Conference 2022

Hybrid Edition

 Sheraton Sopot Hotel, Sopot, Poland



23 - 24 MAY, 2022



www.fba-events.com



CONFERENCE AGENDA

INTERNATIONAL FOREST BUSINESS CONFERENCE 2022

Dear Reader,

We are so proud to present the booklet for the 3rd edition of the International Forest Business Conference - this time organized in a hybrid way.

We believe that despite a lot of challenges brought by today's world, we were able to invite the brightest minds in the global forest sector.

This would not be possible without our sponsors and partners - so thank you for making this happen!

Get Inspired and Enjoy IFBC 2022!

Karolina & Rafat Chudy



CONFERENCE AGENDA

INTERNATIONAL FOREST BUSINESS CONFERENCE 2022

MONDAY, 23 MAY 2022

INTRO

CAIA PANEL

NEW TECHNOLOGIES IN FORESTRY

IAN CAMERON

8:00

INTRODUCTION AND WELCOME

KAROLINA & RAFAŁ CHUDY, **FOREST BUSINESS ANALYTICS**

8:20

THE POTENTIAL AND DRAWBACKS OF ESG FACTORS IN ALTERNATIVE INVESTMENTS

MODERATOR: CARLO FARINA, **CERN PENSION FUND**

- ERIC COOPERSTRÖM, **MANULIFE INVESTMENT MANAGEMENT**
- TOMASZ KOZŁOWSKI, **EUROPEAN INVESTMENT FUND**
- ASGER STRANGE OLESEN, **FOREST STEWARDSHIP COUNCIL**
- ROBERT ADAMCZYK, **EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT**
- WENDELIN VON GRAVENREUTH, **MEAG - MUNICH RE**

10:00

COFFEE BREAK

10:20

IMPROVING EFFICIENCY WITH AN INTEGRATED FOREST MANAGEMENT PLATFORM SOLUTION

ANTONIO TATAGIBA, **INFLOR**

10:45

ULTRA-EARLY DETECTION OF WILDFIRES WITH IOT SENSOR NETWORK

CARSTEN BRINKSCHULTE, **DRYAD NETWORKS**

11:10

HOW THE TIMBERLAND TRANSACTION COST CAN BE REDUCED BY FOREST INFORMATION TECHNOLOGY?

ANDREW HIEGEL, **UNIVERSITY OF GEORGIA**

11:35

A LIFECYCLE APPROACH TO OPTIMIZING FOREST CARBON DYNAMICS

DOUG JONES, **REMSOFT**

12:00

HARNESSING SATELLITE IMAGERY & MACHINE LEARNING TO INSURE FOREST WILDFIRES

LUKAS SCHÖNACH, **DESCARTES UNDERWRITING**

12:25

BRIDGING FORESTATION AND BLOCKCHAIN

FRÉDÉRIC FOURNIER, **OPEN FOREST PROTOCOL**

13:00

LUNCH



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INTERNATIONAL FOREST BUSINESS CONFERENCE 2022

MONDAY, 23 MAY 2022

- 14:00** **INVESTING IN THE GREEN TRANSITION - EIF APPROACH**
TOMASZ KOZLOWSKI, **EUROPEAN INVESTMENT FUND**
- 14:25** **FORESTRY AND FOREST CARBON INVESTMENT IN THE U.K.**
PETER CHAPPELL, **TILHILL**
- 14:50** **THE NEXT DECADE OF ALTERNATIVE INVESTMENTS: HOW
FARMLAND AND TIMBERLAND FIT IN AN INVESTOR PORTFOLIO**
KEITH BLACK, **FDP INSTITUTE**
- 15:15** **COFFEE BREAK**
- 15:35** **MECHANISMS AND OPPORTUNITIES FOR FINANCING OF
FOREST BIODIVERSITY**
ALEKSANDRA HOLMLUND, **OMORICA**
- 16:00** **CARBON FORESTRY - THE NEXT AND DIGITAL LEVEL**
ANDREAS SCHNALL, **FORLIANCE**
- 16:25** **MEET LIFE TERRA, A NEW PAN-EUROPEAN CITIZENS'
MOVEMENT FOR CLIMATE ACTION AND FOREST LAND
RESTORATION**
SVEN KALLEN, **LIFE TERRA FOUNDATION**
- 16:50** **TIMBERLAND & FARMLAND - ALTERNATIVE AND SUSTAINABLE
INVESTMENT CHOICES**
MICHAEL STRZELECKI, **MANULIFE INVESTMENT MANAGEMENT**
- 19:00** **GALA DINNER**



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THE
ForestLink



**World Forest
Investment.com**

Silver



Forest Monitor
First blog for forest geeks.



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TUESDAY, 24 MAY 2022

**8:00 RE-DEFINING THE FOREST INVESTMENT CASE TO ATTRACT
NET-ZERO INVESTORS**

SHAUNA MATKOVICH, **THE FOREST LINK**

**8:25 THE VALUE OF TEAK PLANTATIONS IN PANAMA FROM A
CARBON PERSPECTIVE**

MAURICE RYAN, **GREEN BELT**

8:50 CONSIDERING LATIN AMERICA FOR FOREST INVESTMENT

MARK WILLHITE, **WORLD FOREST INVESTMENTS**

**9:15 REGULATORY TRENDS ACROSS PRIVATELY-OWNED
TIMBERLANDS IN THE USA**

LAWSON FITE, **MARTEN LAW**

9:40 REASONS TO INVEST IN FORESTLAND IN THE BALTICS

DZINTARS SALAVS, **I ASSET MANAGEMENT**

10:05 COFFEE BREAK

**10:25 INVESTMENT RETURNS FROM PLANTED FORESTS OF RADIATA
PINE IN NEW ZEALAND**

DAVID EVISON, **UNIVERSITY OF CANTERBURY**

**10:50 INCORPORATING ESG INTO OPTIMAL STOCK PORTFOLIOS FOR
THE GLOBAL TIMBER & FORESTRY INDUSTRY**

ANDREAS STEPHAN, **LINNAEUS UNIVERSITY**

**11:15 SHORT ROTATIONS: GOOD FOR INVESTMENT BAD FOR
CLIMATE CHANGE?**

AUSTIN HIMES, **MISSISSIPPI STATE UNIVERSITY**

**11:40 THE PROFITABILITY OF ARTIFICIAL AND NATURAL
REGENERATION: A FOREST INVESTMENT COMPARISON OF
POLAND AND THE U.S. SOUTH**

RAFAŁ CHUDY, **FOREST BUSINESS ANALYTICS**

**12:05 ON THE PERFORMANCE OF TIMBERLAND AS AN ALTERNATIVE
ASSET**

BIN MEI, **UNIVERSITY OF GEORGIA**

12:30 LUNCH

FORESTRY -
A GROWING ASSET CLASS
BOB IZLAR

APPLIED SCIENCE
CHARL DE VILLIERS



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INTERNATIONAL FOREST BUSINESS CONFERENCE 2022

TUESDAY, 24 MAY 2022

13:30

IS FOREST INVESTING SAFE?

MODERATOR: JACEK SIRY, **UNIVERSITY OF GEORGIA**

- NABIL FAWAZ – **MIGA – WORLD BANK**
- WENDELIN VON GRAVENREUTH, **MEAG – MUNICH RE**
- PHIL COTTLE – **FORESTRE – GLOBE UW**
- KRZYSZTOF WYPIJ, **BUREAU VERITAS**
- DOUG MOORE, **PGIM REAL ESTATE – TIMBERLAND FINANCE**

15:00

COFFEE BREAK

15:20

CHINA AND THE GLOBAL MARKET FOR FOREST PRODUCTS – TRENDS AND CHALLENGES FOR THE NEXT DECADES

ANDRZEJ BEDNARSKI, **SHANDONG SUN PAPER**

15:45

COMPARATIVE ASSESSMENT OF GLOBAL WOOD FIBER PRODUCTION PROSPECTS

FREDERICK CUBBAGE, **NORTH CAROLINA STATE UNIVERSITY**

16:10

IFI PERSPECTIVE ON ESG RISKS IN WOOD-PROCESSING INDUSTRY INVESTMENTS: EBRD CASE STUDIES IN EASTERN EUROPE.

ALEXANDRA ANTUGAI, **EUROPEAN BANK FOR RECONSTRUCTION AND
DEVELOPMENT**

16:35

WHY WOULD TIMOS INVEST IN WOOD PROCESSING FACILITIES?

CHUNG-HONG FU, **TIMBERLAND INVESTMENT RESOURCES**

17:00

CLOSING REMARKS

KAROLINA & RAFAL CHUDY, **FOREST BUSINESS ANALYTICS**

17:20

ADJOURN

PANEL

WOOD INDUSTRY –
THE FUTURE OF WOOD
MARK WILLHITE



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IFBC2022 SPEAKERS



Carlo Farina, Head of Real Estate and Private Markets CERN PENSION FUND

Carlo Farina was born in Italy in 1976 and moved to Switzerland in 2004 for professional reasons. Throughout his career he has held different positions at Reuters Sa and HSBC. Since 2013 he is Head of real assets for the CERN pension Fund. In this role he is responsible for the real estate, timber/farmland and infrastructure portfolios of the CERN pension Fund. He holds different professional certification such as Microsoft Office Master level, CAIA, CFA ESG and APRM, Professional Risk Management Association. Carlo speaks fluently Italian, French and English.



Eric Cooperström, Managing Director, Impact Investing and Natural Climate Solutions

MANULIFE INVESTMENT MANAGEMENT

Eric is responsible for developing timberland and agriculture products that deliver on the firm's sustainability and responsible investing priorities. In this role, he's directly involved in developing the firm's carbon and climate investment strategy, supporting new business development, and providing market intelligence and leadership.

Prior to joining the firm in 2021, Eric was a senior director with NatureVest, the impact investing arm of The Nature Conservancy, where he led asset management and the investment committee's review of new transactions. Previously, he was a principal with The Skoll Foundation, a private foundation focused on social entrepreneurship, where he led program-related and follow-on investments.

Eric holds an MA in International Economics and International Relations from the School of Advanced International Studies at Johns Hopkins University and a BS in Economics from the Wharton School at the University of Pennsylvania.



Tomasz Kozlowski, Head of Mandate and Product Development EUROPEAN INVESTMENT FUND

Tomasz is heading Mandate and Product Development at European Investment Fund based in Luxembourg. He has 20 years of professional experience, of which 13 years at EIF in structuring and managing a number of high profile EU backed investment schemes across all asset classes. He constantly strives to make a positive difference to European innovation ecosystem by developing cutting-edge investment solutions and partnerships. Tomasz expertise ranges from private debt and guarantees to venture capital, private equity and thematic investing. Tomasz has keen interest in investment fund regulatory matters, governance and investment fund performance topics.

He holds a master degree in Economics. He has obtained a Global Executive MBA from IESE Business School in Barcelona. Tomasz is a Certified Investment Fund Director (CIFD). He is also a Chartered Financial Analyst (CFA), Chartered Alternative Investment Analyst (CAIA) and a Fellow of the Association of Chartered Certified Accountants (FCCA).

Tomasz is a volunteer and contributor to the development of finance and investment profession through membership and pro bono work in world-class associations and institutes.



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Asger Strange Olesen, Chief Climate and Ecosystems Officer FOREST STEWARDSHIP COUNCIL

An accredited global sustainability veteran, Mr. Asger Strange Olesen has been working on climate change, carbon markets and financing the bioeconomy since joining the European Commission in 2011. Mr. Olesen has served as Technical Director, Climate Change, Ecosystems and Livelihoods services at global consultancy group, COWI, but since March this year as Chief Climate and Ecosystems Officer at Forest Stewardship Council in Bonn. Mr. Olesen has postgraduate studies and certificates in Project Management, Corporate Finance and Business Administration. He's a graduate in geography with technical expertise in tropical forest ecosystems, geochemistry, crop systems, and carbon dynamics in land-based production systems. He serves as lead reviewer for the UNFCCC Roster of Experts and was recently accepted as technical expert for REDD plus Technical Assessments.



Robert Adamczyk, Senior Environmental Advisor EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT

Robert is a senior ESG Advisor within the EBRD's Environment and Sustainability Department (ESD). He is the sector coordinator for Power Projects and Heavy industry and focal point for ESG and Performance Requirement 3 – Resource Efficiency and Pollution Prevention and Control – including Best Available Techniques (BAT). As part of the Bank's mandate, Robert is involved in project appraisals and due diligence. He has worked on the Bank's financing of Sustainability Linked Bonds and Green Bonds in the region. He is member of the EC Platform for Sustainable Finance on the Taskforce on Nature-related Financial Disclosure (TNFD). For the past five years, Robert has been a juror for the Polish Foundation for Responsible Business in Poland and Green Frog/Deloitte in CEE in selecting best integrated and CSR/Sustainability annual disclosure reports from listed companies in the region. He has helped to develop the Warsaw Stock Exchange ESG disclosure and reporting guidelines in 2021; inclusive of SFRD, NFRD and TCFD requirements.



Wendelin von Gravenreuth, Senior Manager Global Forest Investments

MEAG A MUNICH RE COMPANY

Wendelin von Gravenreuth is responsible for building up and managing a large scale global forest portfolio at MEAG on behalf of Munich Re Group and other Group external clients. Further, he is dealing with all ESG & sustainability and carbon related issues linked to the asset class forestry.

He joined MEAG in 2014 and holds a MSc. in Forest Science from the Technical University of Munich. Prior to that, he worked for the Confederation of European Forest Owners (CEPF) in Brussels, Belgium, as well as the European Forest Institute (EFI) in Joensuu, Finland.

MEAG is the asset manager of Munich Re and ERGO and has currently around € 340 billion assets under management.



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Doug Moore
6750 Poplar Avenue, Suite 708
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TIMBERLAND FINANCE

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The Timberland Finance group of PGIM Real Estate, the commercial mortgage lending business of Prudential Financial, has a unique platform to serve a diverse land ownership base, including individual landowners, family farms, institutional investors, vertically integrated agribusinesses and forest product companies. We offer competitive short, medium and long term mortgage-based loans for refinancing, development, acquisition, expansion, and improvement, covering a wide range of agricultural and timber properties.

Our deep experience in timberland finance, real estate markets, and industry knowledge provides regional expertise to serve our clients. The PGIM Real Estate Timberland Finance group combines our timber backgrounds with many years of industry experience to provide a variety of loan products that fit borrowers' needs in today's competitive environment.

PROPERTY PROFILE

- Southern Pine Plantations
- Pacific Northwest Timberlands
- Northern Hardwoods
- California Redwoods

LOAN AMOUNTS

- \$5 million to over \$500 million

LOAN PROGRAMS

- Fixed, Variable, and Adjustable Rates
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Antonio Carlos Arpini Tatagiba, Chief Executive Officer **INFLOR**

Bachelor in Information Systems and MBA in Business Management has over 18 years of experience in software engineering and development, on which the last 11 years focused on the forestry industry. Worked on the implementation of forest management systems and its integration with other platforms in large companies in Brazil, Uruguay, Argentina, Chile, Portugal, and China. Currently acting as head of the expansion process of INFLOR, a Brazilian company and Latin American Leader in forest management systems, for the North American market.



Carsten Brinkschulte, Co-founder and CEO **DRYAD NETWORKS**

Telecoms tech veteran and serial entrepreneur Carsten Brinkschulte is co-founder and CEO of impact tech startup Dryad Networks. The firm's large-scale IoT network for the ultra-early detection of wildfires will help to save the world's forests and fight climate change.

Carsten's 20 years in mobile network infrastructure includes three successful exits: Core Network Dynamics (acquired by Twilio), Movirtu (acquired by Blackberry), and Synchronica (acquired by DAT Group).



Andrew Hiegel, Doctoral Candidate in Forest Business **UNIVERSITY OF GEORGIA**

Andy Hiegel is a field forester and timberland valuation specialist that has spent decades working in the forest industry. He graduated from the University of Washington's 'forest management' program in 1997. Andy also received his Master of Forestry from Yale University in 1999. He is currently a Doctoral Candidate at the University of Georgia in 'Forest Business' and is scheduled to graduate with his PhD in 2022.

Andy's early career was spent in SE Texas as a hardwood forester. This was followed by several assignments working in silviculture in SW Washington State. He spent several years engaged in timberland valuations and acquisitions for large TIMOs, after which Andy consulted individually for large timberland investors by founding his own company. He spent the last year and a half working as an advisor and Head of Forestry for Treeswift, a forestry-based robotics company.



Doug Jones, Senior Vice President **REMSOFT**

Doug leads the Remsoft team, and he plays a key role in the company's strategic direction and growth initiatives. With over 20 years of experience in strategic forest and environmental planning, Doug is a thought leader and global speaker who brings a deep understanding of forest industry technology and trends.

Prior to joining Remsoft, Doug was Technical Lead on strategic forest and environmental planning with Weyerhaeuser Saskatchewan and worked with The Forest Technology Group, a consultancy based out of Charleston, South Carolina.

He holds a Master of Forestry from the University of New Brunswick and Honours BA Geography from the University of Western Ontario.



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Lukas Schönach, **Senior Business Developer** **DESCARTES UNDERWRITING**

Lukas Schönach joined Descartes as a Senior Business Developer in 2019 with a main focus on European markets. Descartes Underwriting offers a new generation of parametric insurance against the full spectrum of climate risks through an unique data-driven approach. As such, the company provides client-tailored insurance services to TIMOs, forest managers and investors seeking coverage for their wildfire and storm exposures.

Lukas holds a Bachelor's degree from the University of Innsbruck and a Master of Science degree from Vienna University of Economics and Business. Prior to joining Descartes Underwriting, Lukas supported the development of parametric NatCat insurance for Micro-Finance Institutes in India at the Deutsche Gesellschaft für Internationale Zusammenarbeit.



Frédéric Fournier, **CEO and Co-founder** **OPEN FOREST PROTOCOL**

Frédéric Fournier is a natural scientist having worked in the environmental consulting industry for 20 years. He is the Director and co-founder of On A Mission, a Swiss based NGO supporting sustainable reforestation projects around the world. Seeing the need to scale forestation projects by bringing more transparency and trust, he co-founded the Open Forest Protocol (OFP). This open-source protocol will provide cutting edge tools for measurement, reporting and verification (MRV) of forestation projects, thus enabling carbon finance.



Peter Chappell, **Head of Investment and Property** **TILHILL FORESTRY**

Peter is a chartered forester and a chartered surveyor. A graduate of the University of Aberdeen, Scotland in 'forest management' in 2003, Peter has also gained an MSc from both from Imperial College, London in 2004 in 'Forest Protection and Conservation', and latterly in Tampere University of applied sciences, Finland, in 'International Forestry' in 2019.

Peter's early career was spent in Scotland in timber harvesting, followed by a period in Wales working in forestry management. After a year spent in Finland in forestry property sales in 2012, Peter returned to the UK to join the Tilhill 'Investment and Property' (I&P) team. Since 2013 Peter has a member of the I&P team been focused on advisory consultancy to investors for UK forestry and land for carbon afforestation. As at 2021 Peter took on leadership of the I&P team and is responsible for forestry, land and carbon investment services in the UK for Tilhill.



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Keith Black, Managing and Program Director FDP INSTITUTE

Keith Black currently serves as Managing and Program Director of the Financial Data Professional (FDP) Institute that was established by the CAIA Association to address the growing need in finance for a workforce that has the skills to perform in a digitized world where an increasing number of decisions will be data and analytics-driven.

He previously worked in hedge fund manager research at Ennis Knupp + Associates, as well as an assistant professor at the Illinois Institute of Technology. Prior experience includes commodities derivatives trading, stock options research and CBOE floor trading, and equity research.

Dr. Black has been published in The Journal of Wealth Management and The Journal of Alternatives Investments among others. He is the co-author of the second, third, and fourth editions of the CAIA Level I and Level II curriculum.

Dr. Black earned a BA from Whittier College, an MBA from Carnegie Mellon University, and a PhD from the Illinois Institute of Technology. He has earned the CFA, FDP, and CAIA designations.



Aleksandra Holmlund, Researcher in innovative finance for biodiversity protection OMORICA

Aleksandra Holmlund is an experienced forestry professional with over 20 years of hands-on operational forestry experience and an exceptional track record of successful forestry investments. She has a unique experience of international forest investments, forest operations and management.

Aleksandra is currently conducting research in innovative finance for biodiversity protection and working with forest carbon and forest biodiversity investments.



Andreas Schnall, CEO / Senior Consultant Land Use and Forestry FORLIANCE

Andreas graduated in Forest Engineering and M.Sc Forest and Wood Science from the Technical University of Munich. He is an expert in forestry and agroforestry in tropical and subtropical regions as well as for the afforestation of arid areas and desert land.

Within FORLIANCE he is responsible for the management of forestry and agroforestry projects with practical experience in project conduction in Latin America, the Caribbean, South-East-Asia, and the MENA region. His special expertise also lies within carbon forestry, silviculture and cocoa-agroforestry projects.

Andreas Schnall is a leading expert in developing forest management plans and implementing certification processes, such as carbon certifications, FSC, GS certifications, among others. He has also been certified as "FSC Lead Auditor for CoC and FM" in 2012. Furthermore, he is in charge of implementing public-private partnership projects, feasibility studies and publicly co-founded projects. Andreas is leading the processes of project development and implementations for integrated, sustainable supply chain concepts within the forestry and agroforestry sector. Outstanding projects are, for example, the development of the large-scale, mechanized cocoa cultivation project in the Dominican Republic where he has guided the whole project from the first feasibility assessment, through business plan developments, technical and legal project due diligence, up to the first stages of on-site operations and plantings of cocoa and shade trees.



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Sven Kallen, Co-founder and Secretary LIFE TERRA FOUNDATION

Environmental entrepreneur highly passionate about sustainability, ecosystem restoration, nature conservation, and developing business models to scale green initiatives. Born in the Netherlands but living in Spain for more than 20 years, Sven considers himself a true European, engaging in a number of EU projects with partners across the continent. As a founder of Life Terra, he's involved in the planting of large numbers of trees in Europe and working closely together with landowners, scientists, NGOs, companies, and citizens to take climate action now.



Michael Strzelecki, Managing Director, Business Development, Senior Timberland Portfolio Manager MANULIFE INVESTMENT MANAGEMENT

Mike is responsible for business development activities with a focus on capital formation for the firm's global timberland strategy. He is also involved in new timberland product development and is a member of the Timberland Strategy Team. In addition, he manages investment portfolios and large institutional client relationships.

Prior to joining the firm, Mike was a partner at Global Forest Partners, where he was directly involved in portfolio management, valuation analysis, and investment research. Previously, Mike was an equity research analyst at Merrill Lynch, where he covered the forest products industry.

Mike holds a B.S. in Finance from the Pennsylvania State University and is a CFA® charterholder.



Shauna Matkovich, Founding Director THE FORESTLINK

Shauna is a forester and sustainability expert with more than 15 years working in cross-continental sustainable forest management, global forest investment management, and agricultural development with an expertise in tropical developing geographies across Latin America, Sub-Saharan Africa and Southeast Asia.

Her experience in working with investors, forest companies, and NGOs have shaped her commercial and impactful approach to sustainability. Shauna founded The ForestLink, out of an observed need to mobilize forest investment capital to tropical landscapes where she provides advisory and consultancy services to her clients.

Shauna is increasingly working on investment strategies with climate objectives and looks forward to sharing her insights on how this new net-zero investor profile is increasing the forest investment universe and bringing about powerful change.



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Maurice Ryan, Business Development Director GREEN BELT

Maurice and the team at Green Belt are evolving the traditional forestry business model to embrace the bioeconomy and develop the value in Ireland's private estate.

Maurice has been responsible for the direct investment of almost €40m into Irish forestry and €4 million into growing Teak in Panama. His role involves the creation of profitable and sustainable forestry portfolios for private and institutional investors as well as developing logistical supply chains for significant biomass supply contracts.

Maurice holds an MBA from Trinity College Dublin.



Mark Willhite, President WORLD FOREST INVESTMENT

Mark's career has centered on the business aspects of sustainable forestry in the US Pacific Northwest and Latin America. His expertise lies in combining forestry field experience with sound financial analysis, resulting in enhanced productivity for forestry projects. He focuses on forestland transactions and oversight of forestry operations in Latin America for absentee owners. Mark provides a bridge between good business and good forestry through consulting, facilitating transactions, and marketing. He has worked in nearly every country in Central and South America.

Past work experience before World Forest Investment, Inc. includes: Merrill & Ring (forest operations, acquisitions and dispositions), Campbell Global (acquisitions, operations, and dispositions), Farm Credit Bank (lending on and appraising forestland), and US Forest Service (field forester). Mark holds a Bachelor's in Forestry, with business emphasis, from the University of Idaho.



Lawson Fite, Partner MARTEN LAW

Lawson Fite is a partner with Marten Law, LLP and the co-chair of Marten Law's Natural Resources practice. For over 15 years, Lawson has successfully represented clients in energy, agriculture, forestry, and shipping, in both regulatory and litigation matters. He leads Marten Law's forestry practice, serving forest landowners, manufacturers and other stakeholders.

Lawson draws on a wealth of experience to address clients' practical, bottom-line business needs. Lawson has worked in private practice and for several years directed the work of a forestry trade association in more than 50 cases in federal and state trial and appellate courts, including the United States Supreme Court. He has testified before Congress regarding proposed reforms to resource management, the Endangered Species Act (ESA), and the National Environmental Policy Act (NEPA). Lawson works with industry stakeholders across North America to improve the federal, state, and local regulatory environment. He has served as the voice of natural resource users before the United States Supreme Court in the recent cases of Fish & Wildlife Service v. Sierra Club and Forest Service v. Cowpasture River Preservation Association, where he was the lead author of coalition amicus briefs before the Court.

Lawson began his career at the US Department of Justice with a focus on endangered species and wildlife issues. Lawson received a Special Achievement Award in 2009 from US Attorney General Eric H. Holder. He also represented the US Coast Guard in litigation relating to the response to the Deepwater Horizon spill. Lawson served as a law clerk for Justice Walter L. Carpeneti of the Alaska Supreme Court. He earned a J.D. degree and an A.B. (cum laude) in environmental science and public policy from Harvard University.



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Dzintars Salavs, Fund Manager **I ASSET MANAGEMENT**

Dzintars is Fund Manager of sustainable forestry fund "Baltic Green Fund" at I Asset Management company based in Lithuania. He has 20 years of professional experience, of which over 6 years in forestry industry in the Baltics.

Dzintars created Fund strategy from "scratch" and developed a Fund which now exceeds 50M EUR of NAV and is backed by local pension funds. Previously he worked in various management positions in the banking sector including country manager at Handelsbanken Latvia.

Dzintars is a passionate about orienteering, cross country skiing and ice hockey.



David Evison, Associate Professor in Forest Economics **UNIVERSITY OF CANTERBURY**

David is currently Associate Professor in Forest Economics at the New Zealand School of Forestry at University of Canterbury. His research interests include forestry markets and end uses, industry strategy, economics of forestry and complementary or competing land uses, and the economics of tree breeding. He teaches three undergraduate courses in Forest Economics and is course coordinator for Forest Products Marketing.

Prior to becoming an academic he held senior management roles at Bank of New Zealand and earlier worked for Rayonier New Zealand Ltd and Forest Research Ltd. David served on the New Zealand Institute of Forestry Council for 10 years, was President from 2018 to 2020 and is a Registered Member of the Institute. He is also a member of the New Zealand Agricultural and Resource Economics Society, and the New Zealand Shareholders' Association. He served as a Trustee of the NZIF Foundation for 9 years and is a member of the Victoria Foundation Benefactors' Circle. He is currently a member of the University of Canterbury Sustainability Programme Board, the Forestry and Wood Processing Workforce Council, the Training and Careers Committee of the NZ Forest Owners' Association and the Woodside forest advisory committee. He is an Associate Editor for the New Zealand Journal of Forestry Science.



Andreas Stephan, Professor of Forest Industrial Economics **LINNAEUS UNIVERSITY**

Andreas Stephan is professor of Forest Industrial Economics at Linnaeus University, Sweden and has been a professor of Economics and Finance at Jönköping International Business School, Sweden.

He graduated with a MSc in Industrial Engineering from Technical University in Berlin and earned a Ph.D. in Economics at Humboldt University Berlin. He previously held positions at the Social Science Research Center Berlin (WZB), at the German Institute for Economic Research (DIW) and at the European University Viadrina. He is a research affiliate with CESIS – Centre of Excellence for Science and Innovation Studies at the Royal Institute of Technology in Stockholm.

Andreas Stephan's research interests are related to climate and forest policies, ESG and financial markets, and green investment and finance. He is an appointed associate editor for the journal Eurasian Economic Review and editorial board member for the journals Business Strategy and the Environment.

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Austin Himes, Assistant Professor MISSISSIPPI STATE UNIVERSITY

Austin Himes is an Assistant Professor in the Department of Forestry at Mississippi State University. Prior to his academic career, he worked for GreenWood Resources, Inc. conducting applied forestry research and managing hybrid-poplar plantations. His research interests are interdisciplinary and revolve around silviculture and management of forests for multiple ecosystem services. He has authored peer-reviewed articles on a diverse range of topics including trade-offs between ecosystem services in plantation forests, the carbon benefits of building with wood, short-rotation wood crop systems and the different ways that people value ecosystem services. Austin received his PhD in Forest Ecosystems and Society from Oregon State University in 2019 and holds a M.S. from the University of Washington School of Environmental and Forest Sciences. He is a Society of American Foresters Certified Forester and a Registered Forester in the state of Mississippi.



Rafał Chudy, Founder and Chief Economist FOREST BUSINESS ANALYTICS

Rafał Chudy has over 11 years of professional experience in project management within natural resources, forest economics, and finances. During the last years, Rafał worked for private equity and consultancy companies from the United States, Australia, and Norway where he was responsible for ensuring that strong research and evidence-based insights underpin companies sustainable investment programs and services in real assets, mostly forestry & carbon, agriculture, or infrastructure. His research has appeared in peer-reviewed journals and presentations at the international forest and natural resource economics conferences. He holds a Master of Science (Forestry) degree from Warsaw University of Life Sciences, Master of Science (Forestry and Environmental Resources) from North Carolina State University, Master of Science (Forest Management) from Swedish University of Agricultural Sciences, and a PhD in Forest Economics (specialising in Forest Sector Modelling) from Norwegian University of Life Sciences. Dr. Chudy also has a post-graduate diploma in Financial Controlling in Capital Markets Groups from Warsaw School of Economics.



Bin Mei, Hargreaves Professor of Forest Finance UNIVERSITY OF GEORGIA

Richard Bin Mei is Hargreaves Professor of Forest Finance at the University of Georgia. He has co-authored 60 journal papers on timberland investments, forest-based climate solutions, and decision-making under uncertainty. He is the founder of Floria Consulting LLC, providing forest investment advice and climate-related solutions since 2010. He is on the editorial board of two leading forestry journals: Canadian Journal of Forest Research and Journal of Forest Business Research. Richard received his PhD from the University of Georgia, MS from Mississippi State University, and MS and BS from Beijing Forestry University.



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Nabil Fawaz, Sector Manager, Agribusiness, Manufacturing, and Services Operations Group

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Nabil Fawaz is Sector Manager for agribusiness, manufacturing, and services sectors at the Multilateral Investment Guarantee Agency (MIGA), the political risk insurance arm of the World Bank Group.

Fawaz has extensive experience in underwriting investment projects in emerging markets and advising clients on structuring transactions to mitigate political risks. At MIGA he has led transactions across all economic sectors including energy, oil and gas, financial markets, and telecommunications. He has helped investors manage political risk in different regions including Africa, Asia, Latin America, and the Middle East.

While at MIGA, he has also led various trust fund initiatives supporting private sector investment in conflict-affected environments including Afghanistan, Bosnia and Herzegovina, and the West Bank and Gaza.

Before joining MIGA, Fawaz worked at the World Bank Group's private sector arm, International Finance Corporation (IFC) in Washington, DC, where he focused on the development of financial markets in sub-Saharan Africa.

Fawaz holds a master's degree in international management from the American Graduate School of International Management and a bachelor's degree from Arizona State University, with a concentration in finance.



**Phil Cottle, Head of Forestry
FORESTRE**

Phil is the Head of Forestry for 'ForestRe', the forest underwriting unit within Globe Underwriting Ltd. based in the City of London.

We operate as an agency ensuring forests and fruit trees in over 30 countries using Lloyd's of London rated insurers with support from international reinsurers. We also offer consultancy to companies that do not wish to insure but want access to our risk analyses world wide.

Phil is experienced in assessing crop and forest risk over 25 years, the team price risk, model worst case scenarios as well as the design of new insurance products and procedures for all tree-types including carbon and other ecosystem services.

Our mission has always been to de-risk investment into all forms of forestry made by governments, global forestry investment institutions, other corporates and community reforestation schemes.

My background is in agricultural extension & training among peoples of the Pacific islands, Central Africa and in the UK, and have a wealth of experience of natural hazard impacts on many types of forestry.

Technical skill areas include project risk analysis, technical support to investors and insurers, and design of agricultural and forestry insurance products. I, with my team have developed many national and provincial crop and forestry insurance schemes. Example countries have included Indonesia forestry insurance Pool, Malaysia, crop insurance programmes in Syria, Sudan and forest provincial fire-fighting cost protection in Alberta Canada.

I enjoy speaking at international forestry and sustainable development conferences. I have an MSc in Agricultural Extension and Rural Development with a BSc in Agriculture and Tropical Crops from Reading University.



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Krzysztof Wypij, Forest Management Certification Technical Manager **BUREAU VERITAS**

Krzysztof Wypij is a Forest Management Certification Technical Manager in the Bureau Veritas. He has more than 15 years of experience as a forester and forest management auditor. Prior to the current position, Krzysztof worked as forest management auditor in Bureau Veritas where he served as EU Timber Regulation expert and technical reviewer, as a lead auditor trainer for forest management certification in the SGS, forestry specialist at BPS company in Denmark, or forest management operations officer in Toruń Forest District at National Forest Holding "State Forests" in Poland. Krzysztof obtained Master degrees at the University of Life Sciences in Poznań and Swedish University of Agricultural Sciences.



Doug Moore, Investment Vice President **PGIM REAL ESTATE'S TIMBERLAND FINANCE**

Doug Moore is an Investment Vice President with PGIM Real Estate's Timberland Finance team. In this role, he is responsible for timberland mortgage investments across United States. Doug is located in Memphis, Tennessee.

Doug joined PGIM Real Estate in September of 2019. He was previously employed at AgAmerica Lending, where he was responsible for nationwide timberland loan origination as well as establishing and managing the Delta States Portfolio.

Prior to AgAmerica, Doug was a Timberland Investment Analyst at the Woodland Company, performing large timberland appraisal and due diligence work for institutional investors and family offices.

Doug received a Bachelor of Business Administration from Ole Miss and earned a Masters of Forest Resources with a focus in Timberland Investment from the University of Georgia's Warnell School of Forestry and Natural Resources. He is a member of the Georgia Forestry Association's Emerging Leaders. In his spare time, Doug is a Ducks Unlimited, Quail Forever and Ruffed Grouse Society volunteer.



Andrzej Bednarski, International Project Director **SHANDONG SUN PAPER**

Andrzej Bednarski is the International Project Director for Shandong Sun Paper, China's largest privately-owned pulp & paper producer. Since 2012, he has managed the import woodchip department, which has increased woodchip import volume from 1.6 million MT per year to 5.5 million MT per year. He manages all aspects of the supply chain, including ocean logistics for 100+ bulk carrier shipments annually, China port, FSC compliance, quality control, China Customs and Quarantine, and coordination with 6 production lines.

In addition to overseeing the import woodchip department, he is also the International Project Director for Sun Paper's international investments in the pulp and forestry sector. He was Vice President of Sun Bio Materials, a greenfield pulp mill investment in Southern USA, from 2015-2020. He has conducted feasibility studies and project evaluations for Southern China, Thailand, Laos, Malaysia, USA, Canada, Australia, Brazil, Finland, Spain, and South Africa. Andrzej earned his BA from the University of Notre Dame and his law degree from Empire College School of Law.

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As the world's largest timberland investment manager,¹ we have over 35 years of experience building and sustainably managing global timberland portfolios for the benefit of our investors, our environment, and local communities.

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Discover how we're helping investors realize the possibilities.



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Frederick Cubbage, Professor in Forest Economics **NORTH CAROLINA STATE UNIVERSITY**

Fred Cubbage teaches, performs research, and serves the profession in natural resource policy and forest economics.

He has worked at the University of Georgia, the USDA Forest Service, and North Carolina State University. He has authored or co-authored about 550 papers and articles, and 4 books, including a new book in 2022 on Natural Resource Leadership and Management published by Routledge Press.

Fred was the Department Head of Forestry and Environmental Resources at NC State for 10 years, and was the Founder and Co-Director of the Southern Forest Resource Assessment Consortium (SOFAC) for 25 years. Fred was a Fulbright Scholar in Argentina and Uruguay in 2004, and consulted for the World Bank and has cooperated with scientists in Latin America, Vietnam, Laos, and China for two decades. He was President of the Society of American Foresters in 2017.



Alexandra Antsugai, Senior Environmental Advisor **EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT**

As Senior Advisor at the EBRD's Environment & Sustainability team in London HQ for over 13 years Alexandra is leading environmental and social assessment of investment projects applying for the Bank's financing in energy, industry, mining and other sectors across several regions (Eastern and Central Europe, Balkans, Central Asia and North Africa). She acts as a sector lead specifically in pharmaceutical and forestry/wood-processing industries within ESG and sustainability remit.

At the level of Bank's investment projects her focus is on ensuring compliance with EBRD safeguard policies and EU laws related to environmental, health, safety and social requirements, monitoring of projects' implementation, maintaining communication with various stakeholders and participating in conflict resolution and investigation efforts. The policy dialogue related work involves managing several technical cooperation frameworks dedicated to sector studies and other sustainability related assignments, including Alexandra's coordination of Belarus Forestry study and Western Ukraine's FSC certification programme among other wood industry TC projects.

Prior to joining EBRD, Alexandra completed MSc in Environmental Management from the University of Oxford 2007/8 with specialisation in resource efficiency and climate change. This was preceded by five years involvement with private sector companies and a background in international relations and economics with Belarusian State University MA diploma and MBA. Other professional qualifications: NEBOSH International General Certificate in Occupational Health and Safety, IEMA Approved Certificate in Environmental Audit, and University of Oxford Professional Development Advanced Project Management.



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Chung-Hong Fu, Managing Director, Economic Research and Analysis TIMBERLAND INVESTMENT RESOURCES

Chung-Hong Fu is a founding member and partner of Timberland Investment Resources, a timberland investment management organization based in Atlanta, Georgia. He leads the firm's economic research efforts and helps set investment strategy and analysis. He began his career at Temple-Inland Forest Products Corporation serving as a forest economist. Before his current role at Timberland Investment Resources, Hong served as Senior Investment Analyst for Global Forest Partners.

Hong received a Master of Business Administration (MBA) from Columbia University. In addition, Hong received a Ph.D. in Forest Economics from North Carolina State University.

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Ian Cameron, Vice President of Operations TREESWIFT

Ian Cameron leads operations for Treeswift, a next-generation forest monitoring company. Treeswift uses drones and machine learning to efficiently collect and produce rich under-canopy data for forest managers.

Prior to Treeswift, Ian led operations and go-to-market strategy for a Silicon Valley-based financial technology and real estate startup. Ian started his career as a United States Marine Infantry Officer and led Marines in operational deployments to the South Pacific and Afghanistan.

He holds a Bachelor of Science from the United States Naval Academy and a Master of Philosophy from the University of Oxford where he studied as a Marshall Scholar.



Eimear McBride, Director of Digital and Innovation IOB

Eimear is the Director of Digital and Innovation with IOB. IOB is a professional network of over 33,600 members who work in the financial services sector. IOB is a recognised college of University College Dublin (UCD) and was founded in 1898, making it one of the oldest professional institutes in the world.

Eimear is the Programme Director of IOB's Responsible and Sustainable Finance programme. She participates in the Sustainable Finance Skillnet Committee and the European Bank and Training Network's Committee on Sustainable Finance. She also recently acted as rapporteur for the Skills Working Group as part of the Ireland for Finance Sustainable Finance roadmap. She holds a Bachelor of Business Studies and a Masters in Education from Dublin City University.



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Bob Izlar, Founding director of the University of Georgia Harley Langdale, Jr. Center for Forest Business

UNIVERSITY OF GEORGIA

Bob Izlar was founding director of the University of Georgia Harley Langdale, Jr. Center for Forest Business from 1998 until he retired in 2021. He also has 24 years of operational forestry experience in forest industry. He is the Chair of the Board of Directors for the Forest History Society for 2021-2023.

Izlar is a retired United States Army Colonel with 36 years' service.



**Charl de Villiers, Director
MARGULES GROOME CONSULTING**

Charl de Villiers is the Director of the European office of Margules Groome Consulting, based in the Netherlands. Margules Groome is an international management consultancy focused on the forestry, wood products, and agricultural tree crop sectors.

Charl is a professional with more than 20 years' experience in the forestry sector. His work has taken him to many countries in Europe, Asia, Latin America, and Africa. His areas of interest include technical and commercial project feasibility assessments, appraisals, asset performance assessments, wood market studies, and resource utilisation strategies.

Prior to joining Margules Groome in 2018, he was the Head of Forestry at Pöyry Management Consulting, UK (now AFRY), Planning Manager for Ernslaw One, New Zealand, and Technical Manager for Masonite Africa Limited, South Africa.

Charl holds a forestry degree from Stellenbosch University and is a member of the New Zealand Institute of Forestry (NZIF).



**Jacek Siry, Professor in Forest Economics
UNIVERSITY OF GEORGIA**

Dr. Siry's expertise includes international investments and finance, business management, and policy; wood products trade, availability, and costs; and forest management across the world's leading wood supply regions. His research is focused on the global competitiveness of forest industries, international forest investments, timber market modeling, and forest management efficiency.

Currently, Dr. Siry is Stuckey Timberland Professor of Forest Economics and Taxation, The Harley Langdale Jr. Center for Forest Business, Warnell School of Forestry and Natural Resources, University of Georgia, USA.