



AHC Group Presents

Innovating to Support a Food/Energy/Land Nexus

January 21, 2020 | 10:00am-4:30pm

Freeport McMoRan Headquarters

Meeting Room: Floor 19, Moly Room

333 North Central Ave, Phoenix, AZ

Chaired by Dawn Rittenhouse, AHC Group Senior Associate
Facilitated by Bruce Piasecki, AHC Group President and Founder

Agenda



To enroll, contact Bruce Piasecki at 518-583-9615 or bruce@ahcgroup.com

Hotel accommodations:

[Pointe Hilton Squaw Peak](#), 7677 N. 16th Street, Phoenix, AZ, 1-800-947-9784

[Reservation Link](#)

Purpose

Growing out of the emerging trends work that AHC group has focused on for a number of years, we see an opportunity to explore where and how new innovations can have a major impact on not only the food value chain but also other sectors such as energy, transportation, mining and forestry that are dependent on the same resources as the food system. By bringing together organizations from different sectors to engage in dialogues about current process, new innovations and partnership opportunities, we believe that these connections can generate opportunities for profitable business value to develop.

Founder's Pledge (Bruce Piasecki, President and Founder, AHC Group)

I pledge, as my firm turns 39 years old as an S Corporation, to work with **Dawn Rittenhouse**, our chair, and our team to bring you the best in Business to Business innovation paths in this space of sustainability competition for the next 3 years. We see this as one of the largest unmet needs in the sustainability competitive space of multinationals we serve.

Our Purpose Collectively

We hope our content will prove useful enough in Phoenix that **you will remain founding members of this ongoing workshop series**. We intend to meet twice a year for one or two days each time at a major Sponsor's headquarters for no more than six times. We know there are a great many efforts to reinvent agri-business out there, but the eight chains of the food production process need aggressive cross cutting innovation sets to help our hungry and our malnourished.

Sponsorship

- Corporate (> \$1b): \$15,000
- Corporate (< \$1b): \$5,000
- Individual Expert Participant Rate per Workshop: \$995

Our shared ambitions

- Useful Focused Facilitated Dialogue among Leaders
- Discernment of Best Options that are Doable/Reliable
- Frontier Thinking—Illuminating Innovation
- Early Formation of B to B Innovation Paths Between Members
- Arranging One on One Dual Company On-Site meetings along the purpose of this workshop
- Fostering the Prospect of Unique Alliances
- Helping Rehearse the Solutions Internally and Before Senior Leadership
- Benchmarking the Best Programs Moving Forward into the Public
- Expanding the Ongoing Membership



10:00 – 10:05

Welcome and overview of the agenda for the day

10:05 – 10:25

Introductions

Each person describes their current role and their connection to the food/energy/land nexus and their interest in this workshop

10:25 – 10:45

Dawn Rittenhouse, Senior Associate, AHC Group
Overview of the Issue

10:45 – 11:30

David Hayes, Chief Investment Officer & Managing Director (Americas),
BP Ventures

11:30 – 12:15

Alan Shaw, President and CEO, **Calysta**

12:15 | Lunch

12:45 – 1:30

Jill Wheeler, Head, Sustainable Productivity, North America, **Syngenta**

1:30 – 2:15

David Hampton, Co-Founder, **ImpactAgri**

2:15 | Break



2:30 – 4:30

Facilitated group discussion on what this group can bring to the challenge and how to proceed

- Can the food, energy, and land issues be solved independently or do the solutions need to be cross cutting? This requires Business to Business innovation.
- How can new approaches (technology, business practices, infrastructure, partnerships, etc.) change the economic, social and environmental outcomes beyond business as usual for companies focused on the same land and other resources?
- How can this group serve best as a catalyst to bring together organizations that are committed to developing solutions to the Food/Energy/Land nexus challenges?
- Who else should be invited and why?
- What is needed to assure that this process will deliver positive and profitable outcomes to the organizations involved?
- Agreement on next steps including others to bring to the group and if and when we should next meet.

4:30 | Close

5:30 – 7:30 | Networking Reception

Please feel welcome to join us for a networking reception in the Palacio Lounge at the Pointe Hilton Squaw Peak, 7677 N. 16th Street

Overview of the Issue

Dawn Rittenhouse, Chair



Dawn Rittenhouse
AHC Group Senior Associate



Dawn Rittenhouse was formerly Director, Sustainability for the DuPont Company.

Dawn joined DuPont in 1980 and held positions in Technical Service, Sales, Marketing, and Product Management within the Packaging and Industrial Polymers business and Crop Protection businesses. In late 1997, she began working in the corporate organization to assist DuPont businesses in integrating sustainability strategies into their strategy and business management processes. She led DuPont's efforts at the World Business Council for Sustainable Development (WBCSD) and the United Nations Global Compact.

She currently has the following positions:

- President, Board of Directors, Delaware Nature Society
- Board of Trustees, The Nature Conservancy of Delaware
- Board of Directors, Future 500, Chair Finance Committee
- Board of Advisors, Conservation Innovation Fund

She was formerly on the Corporate Consultive Group Advisory Group of the World Resources Institute and the Penn State Smeal Sustainability Council.

Recognitions include:

- 2015 Green Building & Design 'Women in Sustainability Leadership' Award
- 2016 Society of Women Environmental Professionals 'Touchstone Award'
- 2017 WBCSD first ever Leading Women in Sustainability Award

Dawn has a double major in Chemistry and Economics from Duke University.

Dawn lives in Wilmington, Delaware. In her free time, she loves photography and outside activities such as running, cycling, hiking, paddleboarding and kayaking.

Introduction to BP Ventures

David Hayes



David Hayes

Chief Investment Officer & Managing Director (Americas)



David brings 17 years' experience in finance, including 10 years in venture capital investing, specialising in transaction structuring.

He is a Fellow of the Association of Certified Chartered Accountants (FCCA). David sits on the boards of Xpansiv CBL Holding Group (XCHG), Lightning Systems, Fulcrum Bioenergy, Calysta and Mendel Biotechnology.

Tackling the Protein Gap: What Does the Future Look Like?

Alan Shaw



Alan Shaw
President, CEO & Co-Founder

CALYSTA.

Alan Shaw, Ph.D., is President, Chief Executive Officer and Co-Founder of Calysta, and a member of the Board of Directors. He joined in 2012. Dr. Shaw is a veteran biotechnology entrepreneur and chemical industry executive, with more than 25 years experience building and leading technology companies. Before joining Calysta, he was a Founder of Codexis, and served for ten years as President, Chief Executive Officer and a director. During his tenure, Codexis completed an IPO and expanded from a startup to a global industrial biotechnology company with operations in the United States, Europe and Asia.

In 2010, Dr. Shaw received the Ernst and Young Entrepreneur® of the Year Award in the life sciences category for Northern California. He also serves as a biotechnology advisor to the governments of the United Kingdom and Malaysia, and is a frequent speaker at leading business and industry conferences.

Prior to Codexis, Dr. Shaw held senior operating and business development positions in the United Kingdom for Chiroscience Group plc, Clariant and BTP plc from 1994-99. For the previous 15 years, he held management and scientific leadership positions for Imperial Chemical Industries plc (ICI)/Zeneca, including Business Head, Fine Chemicals and Marketing Manager, European Sales. He holds a bachelor's degree in chemistry from Teesside University and a Ph.D. in chemistry from the University of Durham, England. He is a Fellow of the Royal Society of Chemistry and a Fellow of the Chartered Institute of Marketing.

Revisiting the Nexus: How Technology, Consumers, Economics and Climate are Affecting Farmland Utilization

Jill Wheeler



Jill Wheeler

Head, Sustainable Productivity, North America



Jill Wheeler is Head of Sustainable Productivity for Syngenta in North America, where she oversees U.S. and Canadian implementation of the company's Good Growth Plan – a series of six measurable, global commitments designed to improve food security, rural prosperity and environmental sustainability by 2020.

Previously, she served as product manager for the Syngenta Agrisure line of insect traits in corn. Her background also includes integrated marketing for a range of leading agricultural and animal health companies including Pfizer, CNH, American Cyanamid and Novartis.

Wheeler is a native of Iowa, where she continues to co-manage the family's corn and soybean farm. She holds a B.A. in journalism from South Dakota State University and an MBA from Aspen University.

Value Chain Innovations for Sustainable Agriculture

David Hampton



David Hampton
Co-Founder



David Hampton is a highly experienced consultant, company director and entrepreneur. He has over 30 years international experience and expertise in energy, water and the agricultural supply chain. David has worked in more than 20 countries and has worked extensively in Africa. He brings deep knowledge of sustainability, clean energy and business strategy. As well as his role as a Director of ImpactAgri, David is also the founder of Irbaris – a boutique firm of strategy and sustainability advisers – and a founder and Director of Africa Power – a specialist energy services company focused on developing and delivering off-grid electricity services in rural Africa. David has an MBA (Deans List) from IMD in Lausanne.