

# CANNABIS SUSTAINABILITY SYMPOSIUM

FRIDAY, OCTOBER 26, 2018, HYATT REGENCY DENVER  
650 15<sup>TH</sup> ST, DENVER, CO 80202

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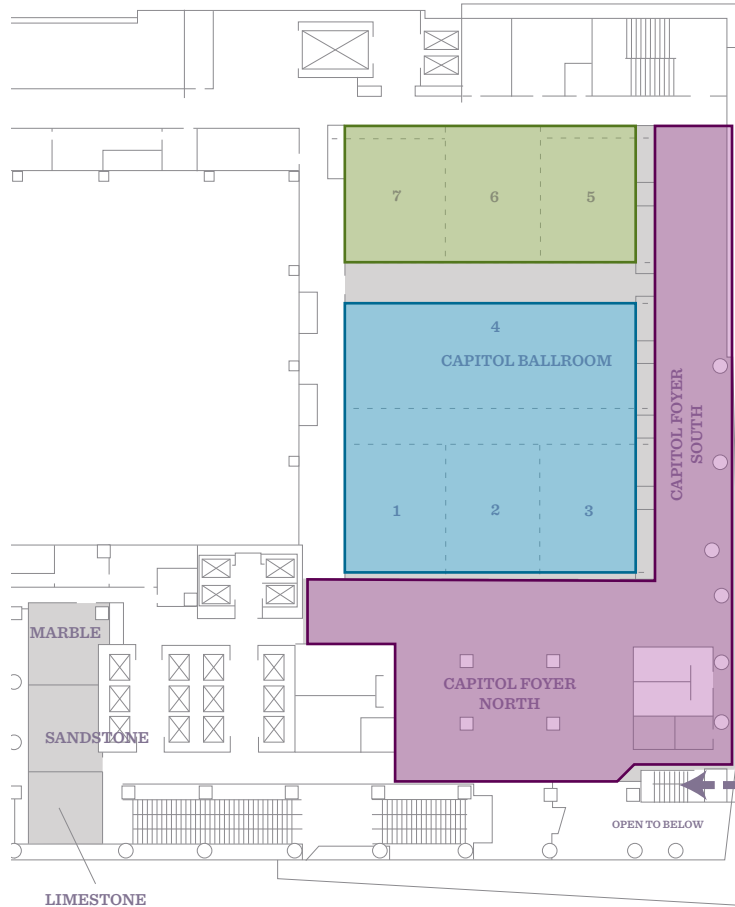
Marijuana  
Business Daily®

## FRIENDS

Cultivate Energy Optimization  
Denver Relief Consulting  
Gannett Fleming Project Development Corp.  
Dr. Bruce Nassau (owner of Lit Cannabis)

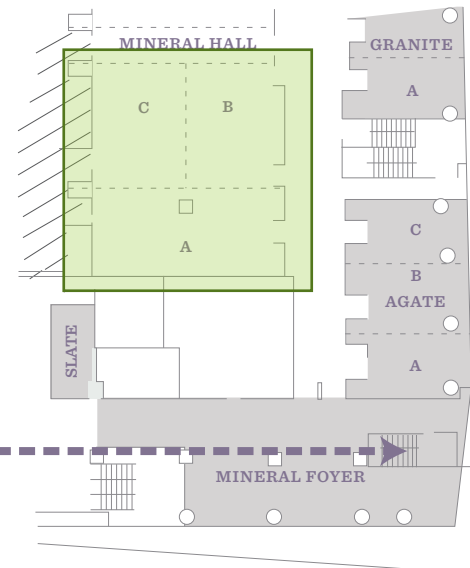
# HYATT REGENCY DENVER MAP

## FOURTH FLOOR (WEST SIDE)



- EXHIBITS & BREAKS
- GENERAL SESSION & MEALS
- BREAKOUTS

## THIRD FLOOR (WEST SIDE)



## AGENDA

8:00 - 9:00 AM **ATTENDEE CHECK-IN & REGISTRATION**  
*Capitol Foyer*

9:00 AM **WELCOME & OPENING REMARKS**  
*Capitol 1-4*  
Ben Gelt, Board Chair, Cannabis Certification Council  
Andrew Myers, Co-Founder, CEO, ProGrowTech

9:15 - 10:00 AM **FEATURED SPEAKER: SUSTAINABILITY LESSONS FROM THE CRAFT BREWING INDUSTRY**  
*Capitol 1-4*  
John Stier, Sustainability Mentor, Brewer's Association

10:15 - 11:30 AM

## FREE MONEY: HOW TO IMPROVE ENERGY EFFICIENCY AND EARN REBATES

*Capitol 5*

Looking to upgrade your lighting or HVAC systems to save energy? Don't leave free money on the table – utility rebate programs can help save on costs, experts will explain how.

### **SPEAKERS:**

Eric Stern, Co-Founder, Principal, Cultivate Energy Optimization

Mark Crowdis, President & Founder, AgCurrent, Inc.  
Jacob Schlesinger, Partner, Keyes And Fox

**MODERATOR:** Bob Macauley, Trade Relations Manager, Xcel Energy

## CONTROLLING PESTS AND FEEDING PLANTS: INNOVATIVE SOLUTIONS FOR SOIL AND PLANT HEALTH

*Capitol 7*

Introducing beneficial microbes and innovative pest control techniques create opportunities for safer, bigger plant growth. Learn how from the experts in this interactive session.

### **SPEAKERS:**

Casey Connell, Owner, Contender Gardens LLC  
Daniel Peck, Entomologist And Biological Program Manager, BioWorks

Peter Baas, Director Of Research And Development, Growcentia

**MODERATOR:** Amy Tancig-Andrle, Co-Founder, L'Eagle Services

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## MANAGING CARBON AND AIR QUALITY IMPACTS

*Capitol 6*

Emissions from cannabis operations contribute to significant environmental outcomes. Learn how to reduce your facility's impact on air quality and climate.

### **SPEAKERS:**

Angie Fyfe, Executive Director, ICLEI USA

Jacob Mitchell, President, Sustainabis

Kaitlin Urso, Environmental Protection Specialist, Colorado Department Of Public Health And Environment

**MODERATOR:** Janet Burgesser, Program Manager, Denver Department Of Public Health & Environment

SESSION SPONSOR:



## HIGH-TECH CULTIVATION: MAXIMIZING WATER AND POWER USE WITH DATA

*Mineral Hall ABC*

New lighting, automation and sensor technologies are changing the way operators grow. Scientists behind these cutting-edge tools will explain how they work, and Jesse Peters will share his experience using them at EcoFirma Farms.

### **SPEAKERS:**

Cale Winters, Co-Founder/President, Rhythm Cultivation Solutions & Services

Dave Spillman, VP Product Development, ProGrowTech  
Santosh Balakrishnan, Lush Sensor

Jesse Peters, Founder And CEO, Eco Firma Farm

**MODERATOR:** Emily Backus, Sustainability Advisor, Denver Department Of Public Health & Environment

SESSION SPONSOR:



11:45 AM - 1:00 PM

## GRAMS PER KILOWATT-HOUR: ENERGY MONITORING FOR RELIABLE DATA

*Capitol 5*

Do you know how much energy you used to grow a pound of flower? Getting accurate energy metrics can be a challenge, but new energy monitoring methods are producing reliable data to help us all better understand the impacts.

### **SPEAKERS:**

Brad Queen, Mechanical Engineer And Founder, Cube Resources

Joe Sullivan, Head Of Grower Partnerships & Energy Technologies, Cultivate Energy Optimization, LLC

**MODERATOR:** Kaitlin Urso, Environmental Protection Specialist, Colorado Department Of Public Health And Environment

## FACILITY MAINTENANCE: SAFER, MORE EFFECTIVE CLEANING AND WASTE DISPOSAL

*Capitol 7*

Keeping your facility clean and compliant is a major task. Learn about the new tools and regulatory changes that can help your business maintain sanitation and reduce waste sent to landfills.

### **SPEAKERS:**

Bobby Zaiatz, Principal, CleneTech Solutions

Garrett Rodewald, COO, Gaiaca

Cindy Sovine, President & CEO, Sovine Consulting

**MODERATOR:** Kim Stuck, Founder, Allay Consulting

## PACKAGING: CREATING EFFICIENCIES AND REDUCING NEGATIVE IMPACTS

*Capitol 6*

The way we think about sustainability, disposable products, and waste recovery needs to evolve. Learn how the cannabis industry can start on the journey to a circular economy by transforming a product with which we all interact – packaging.

### **SPEAKERS:**

Laura Davis, Public Health Protection Administrator, City & County Of Broomfield

Melinda Kadinger, Chief Compliance Officer, Smokey's  
Sandra Elkind, Chief Creative Officer And Co-Founder, STO Responsible

Reyna Bryan, Director Of Strategy And R&D, Elk Packaging

**MODERATOR:** Ron Basak-Smith, Co-Founder And CEO, Sana Packaging

## GROWING WITH SUNLIGHT

*Mineral Hall ABC*

What's the best method of harnessing the sun's power to grow cannabis? Experts in outdoor cultivation, greenhouses, and indoor cultivation with Solatubes will engage in a lively debate for you to judge.

### **SPEAKERS:**

Josh Holleb, Project Manager / Sales Engineer, Ceres Greenhouse Solutions

Rob Trotter, Owner, Pot Zero

**MODERATOR:** Kayvan Khalatbari, Founding Partner, Denver Relief Consulting

# AGENDA

1:00 - 2:00 PM

**LUNCH**  
*Capitol 1-4*

2:00 - 3:00 PM

**KEYNOTE: TODAY'S ENERGY POLICY LANDSCAPE:  
IMPLICATIONS FOR THE CANNABIS INDUSTRY**  
*Capitol 1-4*

With ambitious energy and sustainability goals to fulfill, regulators are increasingly taking action to constrain the energy impacts of the cannabis industry. Learn about the latest programs in Colorado and Massachusetts and how they could impact your business.

**SPEAKERS:**

Derek Smith, Executive Director, Resource Innovation  
Brad Smith, Sustainability Outreach Specialist, Boulder County  
Michael Turner, Director Of Commercial And Industrial Energy Services, Colorado Energy Office

**MODERATOR:** Ben Gelt, Board Chair, Cannabis Certification Council

3:15 - 4:30 PM

**ALTERNATIVE ENERGY OPTIONS**  
*Capitol 5*

This session will explore opportunities to improve your business' carbon footprint through renewable and alternative energy sources, while taking a practical approach to the unique needs of the cannabis industry.

**SPEAKERS:**

Brandon Welch, Colorado Carbon Fund Managing Director,  
Natural Capitalism Solutions  
Charlie Wilde, Solar Energy And EV Advocate, Ecology  
Solar  
John Shaw, Commercial Solar Project Developer,  
Namaste Solar

Tom Hawes, Executive Sales Director, Centrica Business  
Solutions

**MODERATOR:** Jacob Mitchell, President, Sustainabis

**EXTRACTION: UNDERSTANDING  
AND CONTROLLING  
ENVIRONMENTAL CONCERNS**  
*Capitol 7*

Extraction equipment and infused product manufacturing present environmental challenges unique from other cannabis businesses. Experts in extraction management and equipment will explain how to prevent costly environmental and safety mistakes.

**SPEAKERS:**

Thuy Vu, Founder And CEO, Thuy Vu Consulting  
Eric Vlosky, Director Of Marketing, PurePressure  
Alex Thompson, National Licensing Specialist, Vicente  
Sederberg

**MODERATOR:** Andrew Livingston, Director Of Economics  
& Research, Vicente Sederberg

**MASTERING YOUR MECHANICAL  
SYSTEM FOR OPTIMAL GROWTH**  
*Capitol 6*

Environmental control is one of the biggest concerns for any cannabis cultivation operation. Learn how to increase product consistency and quality while maximizing your HVAC system's efficiency.

**SPEAKERS:**

Brandy Keen, Co-Founder And Senior Technical Advisor,  
Surna

Devin Cooley, President & COO, SunTrac USA  
Stephen Keen, Owner, Sterling Pharms

**MODERATOR:** Ricardo Baca, Founder & CEO,  
Grasslands

**HOW CORPORATE SOCIAL  
RESPONSIBILITY IN CANNABIS  
CAN REPAIR HARMS OF  
THE WAR ON DRUGS**  
*Mineral Hall ABC*

How can cannabis businesses contribute to sustainability, community engagement, and repair? This panel will consider those questions and dig into recent examples of success and failure in the world of cannabis CSR.

**SPEAKERS:**

Adam Vine, Co-Founder, Cage Free Cannabis  
Kelly Perez, CEO/Founder, KindColorado, LLC (KindCO)  
Betty Aldworth, Executive Director, Students for  
Sensible Drug Policy

**MODERATOR:** Marc Ross, Chief Instigator, Needle  
Consultants

4:45 - 6:30 PM

**CLOSING RECEPTION**  
*Capitol 1-4*