

@Pac12  
#Pac12TeamGreen



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# SUSTAINABILITY CONFERENCE

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**JUNE 21-22, 2023**  
Stanford University

## EVENT REPORT

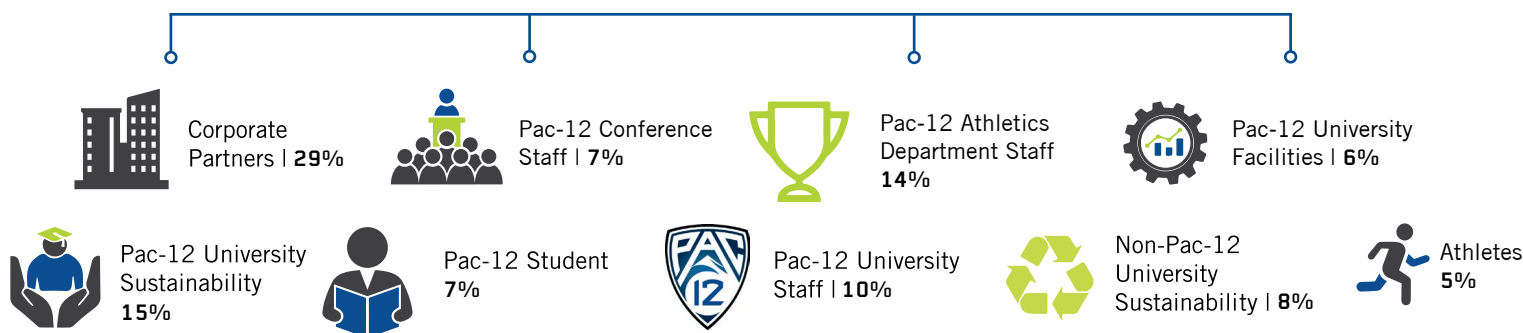


# ABOUT THE EVENT

The Pac-12 is committed to using the power of sport to promote healthy, sustainable practices to its campus communities and among Pac-12 fans. Consistent with their reputation as the Conference of Champions, the Pac-12 was the first collegiate sports conference to convene a high-level symposium focused entirely on integrating sustainability into college athletics and across college campuses. All of the Pac-12 athletic departments have committed to measuring their environmental performance, developing strategies and goals to reduce their impact, monitoring their progress, and engaging fans and communities in sustainable and social impact practices.

This year, Stanford University hosted the multi-day event demonstrating their long legacy of reducing environmental impact, preserving resources, and leading sustainability by example across three pillars - environment, economy, and equity. The university has committed to net zero carbon emissions by 2050 across scopes 1, 2 and 3, as well as Zero Waste by 2030.

## AUDIENCE BREAKDOWN



“It was great to hear how different schools take sustainability into their own hands.”

-2023 Conference Attendee

## PAC-12 SCHOOLS REPRESENTED



# SUSTAINABILITY HIGHLIGHTS

Stanford University has committed to net zero carbon emissions by 2050 as well as Zero Waste by 2030. With two solar generating stations on the California grid and 5 megawatts of rooftop solar, Stanford University reached a **100% renewable electricity milestone in March 2022**



“Keynote addresses were exceptional.”

-2023 Conference Attendee

Last year in March 2022, Stanford University reached a major milestone as it transitioned to **100% renewable electricity**, which means our solar power is generating the equivalent amount (or greater) of Stanford’s annual electricity consumption and adding it to California’s electrical grid.

Stanford has an ambitious target to reach Zero Waste by 2030, diverting **90% of waste from landfills** and improving waste diversion from 65% in 2021.

The annual PAC-12 zero waste competitions are a great opportunity for campuses to compete with each other in pursuit of Zero Waste, and Stanford currently hosts at least two Green Games a year (one football game and one or two basketball games) where teams, staff, and fans all contribute to the goal of waste diversion. In 2020, these Green Game Days resulted in an **8-24% increase in waste diversion** rates from the prior year, thanks to increased composting infrastructure, food donation programs, student participation, and fan outreach and engagement. These efforts also resulted in a nearly **9% overall increase in waste diversion at the stadium**, including an almost **12% increase in the tailgating areas**.

“The panel of Stanford representatives and conversation with local pro sports organizations were excellent.”

-2023 Conference Attendee



# 2023 PROGRAM OVERVIEW

## Stanford University Sustainability Showcase Campus Tours



Stanford Central Energy Facility



The Barn & Farm Walking Tour



Stanford Recycling Center



### EMCEE

**Ted Robinson** | Pac-12 Networks and Hall of Fame Broadcaster

### Pac-12 Team Green Annual Report

Introduction by: **Angela Hersil** | Vice President – Sustainability, Communications, and Community Affairs, Zurn Elkay Water Solutions  
**Cheryl Wong** | Associate Commissioner, Sport Management and Championships, Pac-12 Conference

### Welcome Address

**Dr. Suki Hoagland** | Lecturer, Earth Systems Program, Doerr School of Sustainability, Stanford University

### Leadership Plenary | Departmental Intersectionality: Working Together

**Moderator: Moira Zbella** | Scope 3 Emissions Program Manager, Stanford University

**Bernard Muir** | Athletic Director, Stanford University

**Kristin Parineh** | Director of Sustainability, Stanford University

**Randy Livingston** | CFO, Vice President for Business Affairs, Stanford University

**Jeff Koseff** | Faculty Member; Founding Director, Stanford Woods Institute for the Environment; Faculty Athletic Representative to the NCAA, Stanford University



### Standardizing Composting: A Systems Approach to Contamination Mitigation

**Jenny Slepian** | Product and Zero Waste Specialist- PNW & Central Pacific, Eco-Products

### Mega Events the Right Way: Take Event Sustainability to the Next Level

Denning House Dining Room 210

Sponsored by:

#### BradyIFS

Introduction by: **Raymond Fyler** | Equipment Specialist, Brady Industries

**Kristin Cushman** | Founder and CEO, Blue Strike Environmental

**Michael Kraus** | Director of Sustainable Events and Analytics, Green Sports Alliance

**Monica Rowand** | Sports & Entertainment Associate, Sustainability Advisory Services, WM

### Pivotal Collaboration Between Sustainability & Athletics to Achieve Every Day Zero Waste

Denning House Classroom 201

**Lane Marchetti** | Facilities Director, Stanford University

**Cypress Wessberg** | Zero Waste & Communications Specialist, Stanford University

**Bonny Bentzin** | Deputy Chief Sustainability Officer, UCLA

**Lin King** | Zero Waste Manager, University of California, Berkeley

**Angie Gilbert** | Zero Waste Program Manager, Environmental Center, University of Colorado Boulder

### Video Highlight | Stanford Sustainability in Athletics Course: Sustainability Action Projects

**Annika Khouri** | Women's Lightweight Rowing, Student-Athletes for Sustainability, Stanford University

### Pac-12 Zero Waste Challenge Awards Ceremony

Introduction by: **Cindy Chin** | Director of Public Affairs, Communications and Sustainability, Coca-Cola



### Keynote

**Jessica R. Murfree, PhD** | Sport Ecology Researcher and Professor

### Sustainability from the Pros

**Moderator: Cheryl Wong** | Associate Commissioner, Sport Management and Championships, Pac-12 Conference

**Roger Elu** | Chief Engineer, San Francisco 49ers, Levi's Stadium

**Jackie Ventura** | Senior Director, Sustainability and Hygiene, Golden State Warriors, Chase Center



### Mini Session | Beyond the Buzzword: What AI Means Today and Tomorrow for Your Zero Waste Programs

Introduction by: **Nik Balachandran** | Founder and CEO, Zabble Inc.

**Daniel Chau** | Recycling Program Manager, University of California, San Francisco

### Climate Pledge Arena Leads the Way: The Path to Net Zero for Collegiate Sports Venues

Denning House Dining Room 210

**Mohit Mehta** | Global Head of Sustainability, POPULOUS

**Brianna Treat** | Director of Sustainability, Climate Pledge Arena & the Seattle Kraken

**Scott Gibson** | Associate Principal, Architect, POPULOUS

### Student-Athletes for Sustainability: Collaborating for the Well-Being of Our Local Community

Denning House Classroom 201

**Sophie Wallace** | Women's Water Polo, All Vote No Play, Stanford University

**Jordan Spradlin** | President, Beaver Athlete Sustainability Team, Oregon State University

**Chloe Shewell** | Women's Track Runner and Student Government Representative, University of Utah

**Annika Khouri** | Women's Lightweight Rowing, Student-Athletes for Sustainability, Stanford University

### Closing Keynote

**Chris Dickerson** | Former Major League Baseball outfielder; Co-Founder, Players for the Planet

### Closing Remarks

**Cheryl Wong** | Associate Commissioner, Sport Management and Championships, Pac-12 Conference

**Heather Vaughan** | Vice President of Marketing, Pac-12 Conference

# THANK YOU

## SPONSORS & PARTNERS



"I enjoyed the networking opportunities and hearing so many experts describe their work."

-2023 Conference Attendee

