

2020 2°C SYMPOSIUM

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WELCOME TO 2°C
 A SYMPOSIUM ON CLIMATE CHANGE

FEBRUARY 7, 2020
 7:30 AM - 3:30 PM
 LADWP HEADQUARTERS
 JOHN FERRARO BUILDING



PROGRAM

7:30 - 8:00 **BREAKFAST + NETWORKING**

8:00 - 8:30 **WELCOME**

Greg Verabian, AIA, Practice Leader, Principal, HKS
AIA|LA President

Maria Sison-Roces, Manager, Corporate
Sustainability Programs, LADWP

James (JED) Donaldson, AIA, Principal,
Johnson Fain, AIA|LA COTE Chair

8:30 - 9:00
KEYNOTE

Dominique Hargreaves
Deputy Chief Sustainability Officer, City of Los Angeles-
Office of Los Angeles Mayor Eric Garcetti

“LA’s Green New Deal Overview”

L.A.’s Green New Deal (GND) is an expanded vision of Mayor Eric Garcetti’s 2015 Sustainable City pLAn (pLAn) that tackles the climate emergency with accelerated targets and new aggressive goals to achieve carbon neutrality by 2050. L.A.’s GND accelerates the city’s greenhouse gas (GHG) emissions reduction targets, including 50% below 1990 levels by 2025. Emissions must decline everywhere – as soon as possible. The pace may vary depending on the opportunities and characteristics of each sector, but at the end of the day, L.A.’s GND puts our city on the road to a zero carbon future across the board.

9:00 - 9:30
KEYNOTE

Kate Harrison

District 4 Councilmember, City of Berkeley

“Kick-starting the Green New Deal with All-Electric Buildings”

Californian cities are leading the country in eliminating fossil fuels from new buildings. Eliminating fossil fuels from existing buildings is the next step, presenting a critical opportunity to create well-paid jobs while reducing greenhouse gas emissions, air pollution and economic inequality.

9:30 - 10:45

URBAN SCALE

We need new models that inspire the everyday hero and provide unprecedented prosperity based on sustainable strategies. Urban Scale speakers will explore the way forward to a carbon negative planet, reversing global warming and healing the planet’s ecosystems.

Dylan Jones, AIA

Senior Associate, Gensler Mobility Lab

“Mobility Disruption and Shaping the City of Tomorrow”

Mobility has always been a shaping force of our communities and has over the past decade been witness to technology driven disruption. Learn about the macro trends changing the way we move and connect, and how tomorrow’s city is being shaped today.

Nick Saponara

Deputy Executive Officer, Transit Oriented Communities,
LA Metro

“Moving LA towards A More Sustainable, Equitable and Transit-Oriented Future.”

LA Metro is in the midst of the largest transportation infrastructure investment program in the nation. Learn how Metro is harnessing this opportunity to foster transit-oriented communities and transform the built environment through collaborative partnerships.

Matthew Winter, AIA, LEED AP

Director of Mixed Use, LPA

“Pacific Beach Eco District Case Study”

Running 3.1 miles along the Pacific Ocean, the Pacific Beach EcoDistrict is committed to advancing sustainability by targeting eight performance areas: community, cultural, historical identity, health and well-being, habitat and ecosystem, access and mobility, appropriate development, energy, water, and materials management. Pacific Beach is a place where people come together to set goals, define projects, engage in collaborative efforts, and raise the bar for sustainable practices that are mutually beneficial to residents, businesses, and visitors.

10:45 - 11:15

COFFEE BREAK | NETWORKING

11:15 - 12:30

BUILDING SCALE

The Building Scale speakers, both industry experts and practitioners, will share information on the design of healthy, low intensity buildings that meet or exceed the goals set forth in the Green New Deal.

William Leddy, FAIA

Principal, Leddy Maytum Stacy Architects

“Past Into Future: adaptive reuse in a climate positive world”

Harvesting the embodied carbon in existing structures will play an increasingly central role in the post-carbon age. Are we ready to embrace the art and science of creative adaptive reuse?

Bruce King

Co-Founder & Director, Ecological Building Network

“Building to Cool the Climate”

Beyond Zero: Architecture is just starting to take on its role as climate healer by transforming buildings from massive carbon emitters into effective carbon sponges. The technology already exists - and gets better every day - to build with plants, wood and emissions we retrieved from the air. Bring the carbon home in buildings made of sky.

Bill Walsh

Founder and Board President, Healthy Building Network

“Aligning Climate and Health Goals for Building Materials”

Reducing the embodied carbon in our building products is essential to meeting our climate change goals. This demands a revolution in manufacturing: A safe and circular economy. We will discuss the potential, the opportunities and the necessity of aligning health and climate goals when specifying building materials.

12:30 - 2:00

LUNCH THINK TABLE LEADERS:

1. Dense-City: Housing for Quality of Life and Social Capital
Angie Brooks, FAIA, LEED AP, Managing Principal, Brooks + Scarpa
Cristian Ahumada, Executive Director, Clifford Beers Housing

2. Utility-Scale Climate Change Adaptation
Lenise Marrero, P.E., Senior Environmental Engineer at LASAN
Azya Jackson, P.E., Environmental Engineer at LASAN

3. Circular Buildings: The Answer to Materials Scarcity
Michael Bulander, AIA, LEED AP BD+C, Principal | Architecture
+ Design Leader at HED
Avideh Haghighi, AIA, LEED AP, LFA, Associate, ZGF

4. Fire, Flood, and Debris: Effects of the Climate Crisis in Los Angeles

Greg Kochanowski, ASLA, Principal, RCH Studios

5. Healthy Cities

Kate Diamond, FAIA, LEED AP, Civic Design Director, HDR
Hasti Khodabakhsh, AIA, LEED AP BD+C, LEED AP ND, Gensler

6. Past Into Future: Adaptive Reuse in a Climate Positive World

Simone Barth-Auster, Assoc. AIA, LEED AP BD+C, Project
Manager, Omgivning
William Leddy, FAIA, Principal, LMS architects

7. Aligning Climate and Health Goals for Building Materials

Bill Walsh, Founder & Board President at Healthy Building Network

8. Eco Districts

Matthew Winter, AIA, LEED AP, Director of Mixed Use,
LPA Design Studios
Brendan Bailey, AIA, Torti Gallas + Partners

9. Building to Cool the Climate

Bruce King, Co-Founder & Director, Ecological Building Network
Mikhail Davis, Director of Technical Sustainability, Interface

10. Art, Architecture, Activism: Creating Space for Climate Resilience

Debra Scacco, Artist, Curator and Creative Strategist,
Founding Director of AIR at LACI

11. How to Lower the Embodied Carbon Impact of Buildings

Raquel Ranieri, SE, LEED AP, Principal, Walter P Moore
Kevin Davis, Regional Sales Manager, Carbon Cure

12. Green New Deal & Our County Plan

Kristen Pawling, County of Los Angeles
Dominique Hargreaves, City of Los Angeles

13. Next Generation Mobility

Dylan Jones, AIA, Gensler
Nick Saponara, Deputy Executive Officer,
Transit Oriented Communities, METRO

14. Kick-starting the Green New Deal with All Electric Buildings

Kate Harrison, Councilmember, City of Berkeley

15. Leveraging the 2030 Challenge for Building Performance

Vikas Shrestha, PhD, AIA, LEED AP, LFA,
Associate Principal and Director of Sustainability, Steinberg Hart
Jill Edelman, AIA, LEED AP BD+C

16. Meeting the Living Building Challenge

Joe Coriaty, FAIA
Managing Partner, Frederick Fisher and Partners

12:30 - 2:00

LUNCH THINK TABLE LEADERS:

17. The Fate of the Terrestrial Biosphere Under a Changing Climate

Dr. Joshua Fisher, NASA JPL Research Scientist

18. Adaptive Reuse / Building Decarbonization

Tarrah Beebe, AIA, KFA, LLP

19. Utility Incentive Programs: Savings by Design

Maria Sison-Roces
Manager, Corporate Sustainability Programs, LADWP
Maychelle Yee
Supervisor, Efficiency Solutions Division, LADWP
Ying Wang, AIA, LEED AP, WELL AP, ENV SP,
President, Okapi Architecture

20. Avoiding the ‘C’ Word; Designing for Carbon without the math

Anthony Brower, AIA, LEED Fellow, Gensler

2:00 - 2:45

KEYNOTE

Dr. Joshua Fisher

NASA JPL Research Scientist

“The Fate of the Terrestrial Biosphere Under a Changing Climate”

One of the largest uncertainties in projections of future climate change is the role of terrestrial ecosystems in the rise in atmospheric CO2. Researchers at NASA’s Jet Propulsion Laboratory (JPL) are working on understanding these effects and impacts through satellite remote sensing and supercomputer modeling. Dr. Fisher will give an overview of the latest remote sensing datasets and model developments from JPL, and he will discuss new insights into the behavior and understanding of terrestrial ecosystems in a changing climate

2:45 - 3:30

SUMMARY OF THE DAY

Lunch Think Summary

4:00 - 6:00

2° C HAPPY HOUR CELEBRATION

Kendall’s Brasserie
135 North Grand Avenue