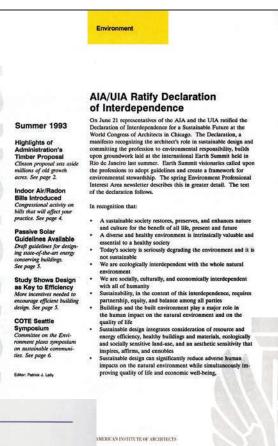
Committee on the Environment





BOB BERKEBILE, FAIA FOUNDING COTE CHAIR ENVIRONMENT ERG helps architects assess environment

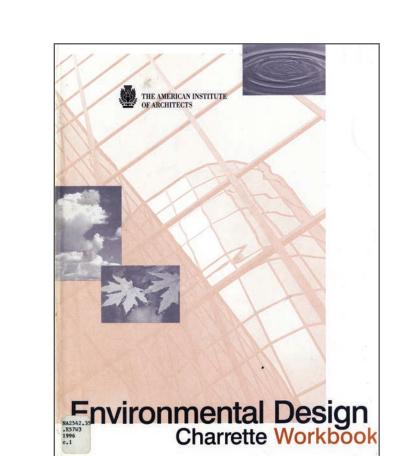
COTE holds Exhibition on Environmentally Conscious Architecture



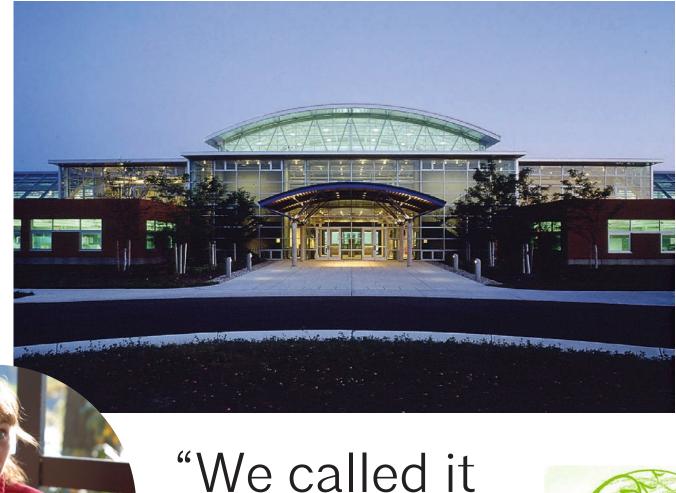
First AIA National **Convention with Sustainable Theme** The 1993 AIA National

Convention in Chicago would be the first to focus on sustainable design, presided over by AIA's first woman president, Susan Maxman, FAIA. At that event in Chicago, more than 3,000 AIA members joined Maxman and the Union Internationale des Architects, in signing the Declaration of Interdependence for a Sustainable Future, a document placing "environmental and social sustainability at the core of our practices and professional responsibilities."

1993



Environmental Design Charrettes AIA/COTE organized the Environmental Design Charrette, held simultaneously in 12 U.S. locations. The event was sponsored by the EPA and summarized in the Environmental Design Charrette Handbook (AIA Press, 1996).



"We called it 'Earth Day Top Ten'"

AIA COTE Top Ten

–GAIL LINDSEY, FAIA, COTE CHAIR <mark>19</mark>97-1998

1997 COTE TOP TEN PROJECT: HERMAN MILLEF GREENHOUSE FACTORY & OFFICES BY WILLIAM

launched Recognizing that practitioners need to study exemplars, AIA/COTE launched the Top Ten Green Projects program on Earth Day in 1997 under Gail Lindsey's leadership. Gail Lindsey, FAIA: "We called it 'Earth Day Top Ten' when we started the Top Ten Green Projects program. I was interested in case studies and thought that a top ten

In October of 1999, AIA/ COTE cosponsored a conference in Chattanooga that became an important milestone for many in the movement Mainstreaming Green: Sustainable Design for Buildings and Communities. The event also involved the USGBC and DOE plus other Knowledge Communities: Public Architects, Building Codes & Standards, and Specifications and Building Technology.

1990

1991

1992

1994

1995

1996

1997

would be a great way to start a

database of the very best."

1998

1999

2000



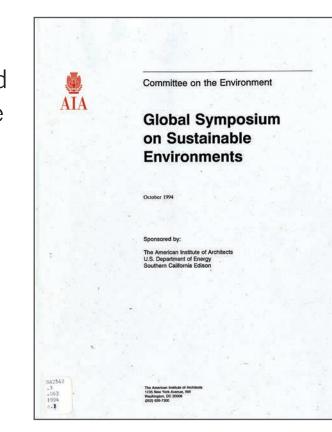
COTE began when a Critical Planet Rescue (CPR) measure was presented by AIA Kansas City leaders at the AIA 1989 convention in St. Louis and received broad support. Intense planning followed and COTE was endorsed by the Board and announced at the 1990 Convention COTE to address a broad array of environmental concerns.

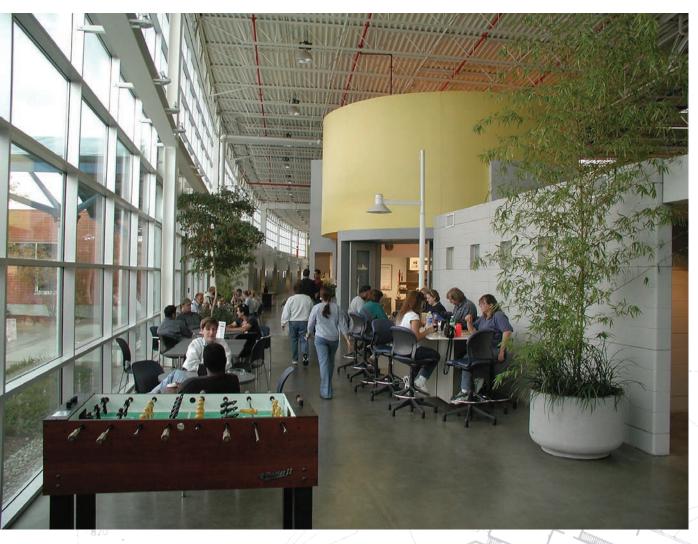
The Environmental Resource Guide is launched The need for a reliable guide for the profession along with \$1 million in EPA funding drove the development of the first Environmental Resource Guide introduced in 1992. Architect Randy Croxton, FAIA who played a leadership role said of that time: "We saw early on that one of the most valuable roles COTE could play would be in the development and dissemination of reliable, and scientifically sound knowledge and insights needed within the profession to pursue this deeper consideration of architecture and design. This eventually became the ERG."

COTE hosts Global Symposium on Sustainable **Environment** Held in New York

City in conjunction with the U.S. DOE and Southern California Edison, the Global Symposium on Sustainable Environment examined five distinct aspects of sustainability: greening of the home, greening of the city, greening our resources,

greening the building industry, and greening the future.





1997 COTE TOP TEN PROJECT: MILLER SQA BUILDING; HOLLAND, MI; WILLIAM MCDONOUGH +

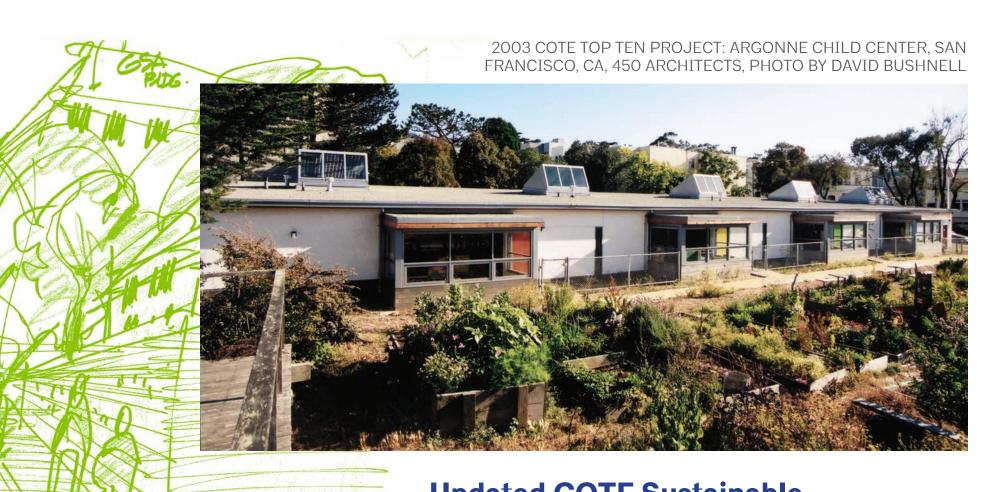




MUSEUM EMERSON ELECTRIC CENTER, EXPANSION & RENOVATION, ST. LOUIS, MISSOURI, USA, HOK,

AIA COMMITTEE ON THE ENVIRONMENT CHAIRS

Looking back on our deep-rooted history of commitment to the environment.



Updated COTE Sustainable Design Measures and

Metric COTE updates the framework for the Top Ten to fully include issues of site, watershed, urban design, and regional issues and to distinguish between "green design" and "sustainable.

First two AIA position

tatements on sustainable design The AIA Green Building Summit results in the first two AIA position statements on sustainable design—Sustainable Architectural Practice and Rating Systems.

AIA Adopts the 2030

Challenge In December of 2005, The American Institute of Architects adopted the reduction goals outlined in the 2030 Challenge. AIA is one of the first organizations to sign onto the challenge and provides an important leadership position for others to follow.



2006 COTE TOP TEN PROJECT: SCHOOL OF NURSING AND STUDENT CENTER, HOUSTON, TX, BNIM ARCHITECTS & LAKE/FLATO ARCHITECTS

2030 CHALLENGE

AIA 2030 Commitment launched In conjunction with COTE, the AIA 2030 Commitment was launched in 2009 as an initiative for the architecture profession to bring a reporting framework and level of accountability to the 2030 goals.



EMERGING

Design + Health

Energy

Materials

DESIGN, PHOTOS BY MATTHEW MILLMAN



Sustainability Leadership

Scan As part of AIA's repositioning initiative, the AIA Board of Directors endorses the recommendations from the Sustainability Leadership Opportunity Scan which identifies four key priorities for AIA's sustainability leadership efforts. AIA COTE leaders play a critical role in this effort.

COTE Top Ten Plus

introduced The new Top Ten Plus award recognizes a Top Ten project that has been previously recognized for design excellence, and for which verifiable baseline design metrics are available.

AIA Top Ten for students begins COTE in conjunction with the ACSA launches the Top Ten for Students program which challenges students, working individually or in teams, to submit projects that use a thoroughly integrated approach to architecture, natural systems, and technology to provide architectural solutions that protect and enhance

Launch of the AIA 2030 **Design Data Exchange**

the environment.

AIA launches the online 2030 Commitment Design Data Exchange (DDx), which provides a consistent framework with simple metrics and standardized reporting architecture firms design, assess and improve the energy performance of their projects and portfolio. The DDx is a collaborative program with the U.S. EPA and DOE. Increased emphasis on energy reduction in the built environment can result in massive reductions on a global scale.







2004

2005

2006

2007

2008

2009

2010

2011

2012

2013

2015 2014

COTE pushes broad engagement on codes, schools of architecture

COTE explored ways to team with groups to make effective appeals to legislators and others to help codify green design goals. They worked with AIA to renew a critical Memorandum of Understanding with the DOE and to initiate a new one with the EPA. COTE



TOFTE CABIN, TOFTE, MINNESOTA SARAH NETTLETON ARCHITECTS



Dean's

Design.

ANNAPOLIS, MD, SMITH GROUP

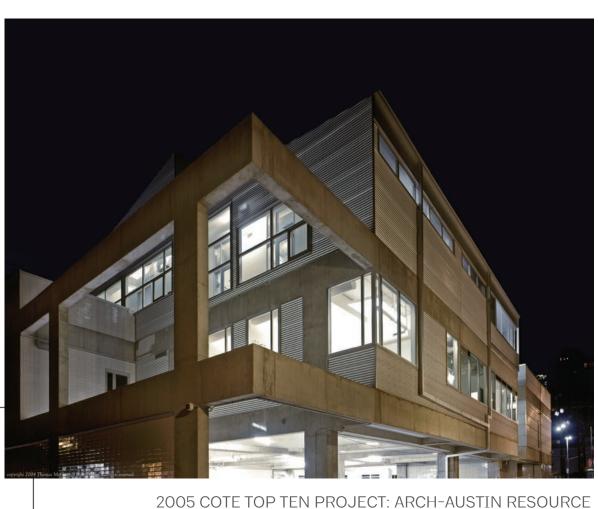




Ecological Literacy in Architecture Education

COTE secures a grant from the Tides Foundation to pursue the Ecological Literacy in Architecture Education project, which published a report, Ecology and Design: Ecological Literacy and Architecture Education. AIA/ COTE advocates the greening of AIA convention,

Graphic Standards, and awards. COTE also issues the Writing the Green



CENTER FOR THE HOMELESS, AUSTIN, TX, LZT ARCHITECTS

COTE partners with AIA to offer the annual AIA/COTE Research Scholarship

COTE founders receive leadership award from **USGBC**





2012: Energy Modeling Guide **issued** Energy Modeling is Not Just for Engineers: AIA released an energy modeling guide to help architects become familiar with evaluating the performance of the

AIA Code of Ethics updated to include **Canon VI, Obligations** to the **Environment**

Members should promote sustainable design and development principles in their professional E.S. 6.1 Sustainable Design: In performing design work, Members should be environ-mentally responsible and advocate sustainable building and site design. E.S. 6.2 Sustainable Development: In performing professional services, Members should advocate the design, construction, and operation of sustainable buildings and communities. **E.S. 6.3 Sustainable Practices:** Members should use sustainable practices within

their firms and professional organizations, and they

should encourage their clients to do the same.

AIA Honor Awards require sustainable metrics After

decades of effort by COTE and others within AIA, the AIA Board of Directors votes that sustainability metrics become required submission criteria for the annual AIA Institute Honor Awards. Beginning in 2015, submission guidelines require projected energy and water use figures and a narrative describing the project's sustainable features.

COTE is 25!



2030 CHALLENGE Percentage of Reduction **50**% 60% 70%

Dennis Andrejko, FAIA

> ADVOCACY HIGHLIGHT: 775 Member-firms signed EPA call-to-action letter (to protect programs and funding)

The AIA Board of Directors issues a position statement on climate action: Architects have a vital role in combating climate change (buildings are responsible for nearly 40% of global energy use and associated carbon).

Measure 8
DESIGN FOR RESOURCES

Measure 9
DESIGN FOR CHANGE

Measure 10
DESIGN FOR DISCOVERY

> ADVOCACY HIGHLIGHT: 3 AIA public statements issued (including opposition to U.S. withdrawal from Paris climate accords)

In 2018, AIA revised our Code of Ethics to include obligations to the environment (energy conservation, water use, building materials, ecosystems, and climate change). "Members shall consider with their clients the environmental effects of their project decisions."

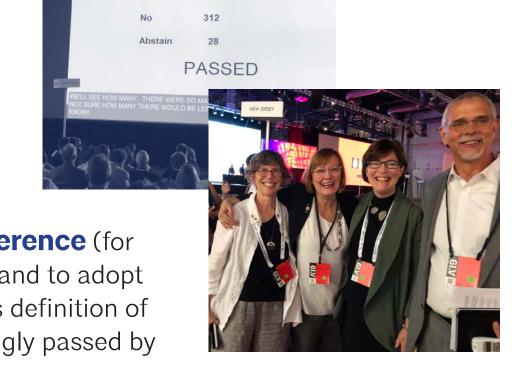
> ADVOCACY HIGHLIGHT: 14 Capitol Hill visits (from COTE AG Members)

In early 2019, the AIA Board of Directors committed to a Big Move toward environmental stewardship to focus on and prioritize climate action across all Institute staff, programs and resources.



MARSHA MAYTUM, FAIA

COTE's resolution 19-11 at conference (for urgent and sustained climate action and to adopt the COTE Top Ten measures as AIA's definition of Design Excellence) was overwhelmingly passed by member delegates.



influence of AIA environmental policy advocacy Nadav Malin of BuildingGreen asks: "Can AIA

> ADVOCACY HIGHLIGHT: One major

candidates' statement, and One

national party platform reflect the

legislative proposal, One Presidential

really pull off such a transformational change and reinvent itself after 160 years?"

The Architecture Awards 2021 call for entries embeds the AIA Framework for Design Excellence (based on the COTE Top Ten Measures).

Board approves Climate Action Plan and 2021–2025 AIA Strategic Plan prioritizing climate action for human and ecological

President's Earth Day message by Jane Frederick, FAIA, calls out the inextricable connection between human health and the health of our climate.

AIA publishes 2020 Policy Platform that will be shared at the national political conventions addressing the future economy, climate action, and healthy communities



among other legislative efforts.

COTE Advocacy advances...

Ambassador, Mike Davis, FAIA,

and a new relationship with AIA

Government Advocacy. This

included letters to Congress

about funding EPA and DOE,

with support of Advocacy

COTE Advocacy ramps up



MIKE DAVIS, FAIA

COTE retools & relaunches its **Top Ten Measures**

AIA COTE MEASURES OF SUSTAINABLE DESIGN

Measure 1
DESIGN FOR INTEGRATION
Measure 6
DESIGN FOR ENERGY

Measure 2
DESIGN FOR COMMUNITY
Measure 7
DESIGN FOR WELLNESS

Measure 3
DESIGN FOR ECOLOGY

Measure 4
DESIGN FOR WATER

Measure 5
DESIGN FOR ECONOMY

COTE works with Architecture 2030 and ACSA on the expanded Top Ten for Students Competition, including internships

COTE publishes research report:

The Habits of High-Performance Firms, aggregating data on 17 firms who have received three or more COTE Top Ten awards each.

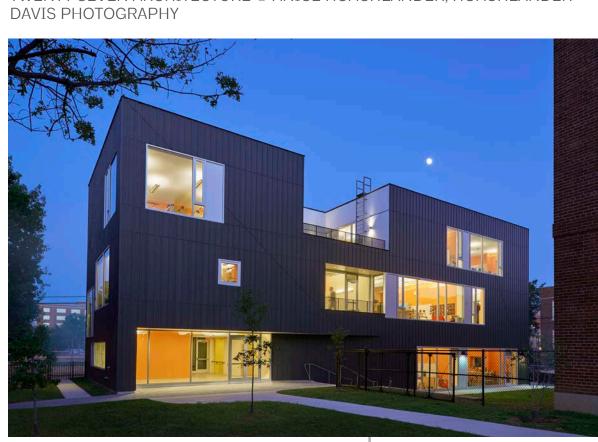


2017

MARY ANN LAZARUS, FAIA

TOP TEN AWARD 2017: DISCOVERY ELEMENTARY SCHOOL BY VMDO ARCHITECTS

TOP TEN AWARD 2018: MUNDO VERDE AT COOK CAMPUS BY STUDIO TWENTY SEVEN ARCHITECTURE © ANICE HOACHLANDER, HOACHLANDER





COTE's Top Ten Competition for Students continues to increase reach and impact reaching dozens of schools of architecture and hundreds of students each year.

COTE Top Ten Measures becomes AIA

AIA adopts the COTE Top Ten Measures as AIA

Chair Marsha Maytum presented Resolution and

Framework for Design Excellence to the board for

Framework for Design Excellence—COTE AG

Framework for Design Excellence

adoption at September Board Meeting.

COTE launches the Common app to multiple Knowledge Committees including the Committee on Design and Committee on Architecture for Education and numerous state and local components adopt these criteria in awards.

2019



30 YEARS

2020

AIA embraces the Framework for

AIA issues its first ever Climate

Design Excellence measures and metrics

for the 2020/2021 Honors & Awards Cycle

2016

AIA Conference on Architecture 20 April 27–29, Orlando



COTE hosts its first Hackathon prior to the AIA Conference on Architecture at the offices of KieranTimberlake.

COTE publishes research report:

Lessons from the Leading Edge, summarizing strategies from 20 years of winning projects.







AIA

COTE begins research to mine data from the Top Ten **competition** to provide an online database for project teams...which became the Design Datamap

2018

COTE and AIA speak up at **Climate Action Summit**

TOOLKIT

COTE engages dozens of members on the COTE Top Ten Toolkit and Super Spreadsheet...and launches the Toolkit and its Super Spreadsheet... spurring workshops and sessions all over the country, many organized by local COTE chapters

> accessible tool for firms of all sizes working on projects of all types and scales in any region and climate

> practice transformation

> if you can only do one thing...



TOP TEN AWARD 2019: AMHERST COLLEGE NEW SCIENCE CENTER BY PAYETTE © CHUCK CHOI



COTE Chair Julie Hiromoto testifies at U.S. House Energy & Commerce Committee's Energy Subcommittee (on aspects of the Energy Savings and Industrial Competitiveness Act).

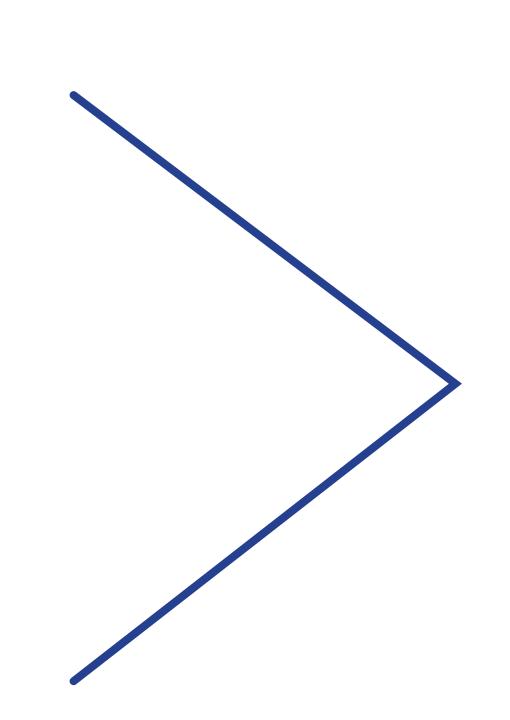
In its 24th year, the COTE Top Ten **Awards honors 10 leading-edge projects** representing diversity in scale, type, and geography (and a slew of new winners).

2020 COTE TOP TEN PROJECT: FORD FOUNDATION ENTER FOR SOCIAL JUSTICE, GENSLER.

80%

In its 30th year in 2020 and mindful of climate urgency and AIA's evolution, along with the landscape of pandemic, recession, and reckoning around justice throughout society, COTE retooled its mission and mapped priorities for the coming years.

Looking ahead as we mobilize design for climate action and justice—a better future for all.



MISSION

The Committee on the Environment (COTE) is an AIA Knowledge Community working for architects, allied professionals, and the public to achieve climate action and climate justice through design. We believe that design excellence is the foundation of a healthy, sustainable, and equitable future. Our work promotes design strategies that empower all AIA members to realize the best social and environmental outcomes with the clients and the communities they serve.

GOALS

We COLLABORATE. COTE will expand its partnerships, actively listen, and act collectively.

COTE will expand its partnerships, actively listen, and act collective

We ENABLE transformation.

COTE will help architects transform their practices for climate action and climate justice.

We CHRONICLE design excellence.

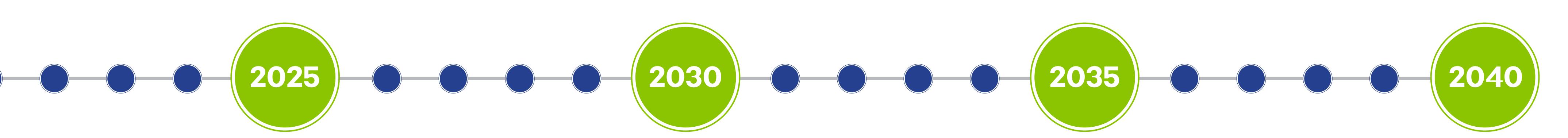
COTE will elevate stories about people, buildings, and positive change.

We ADVOCATE for change. COTF will promote policies that

COTE will promote policies that advance the AIA's mission and ours.

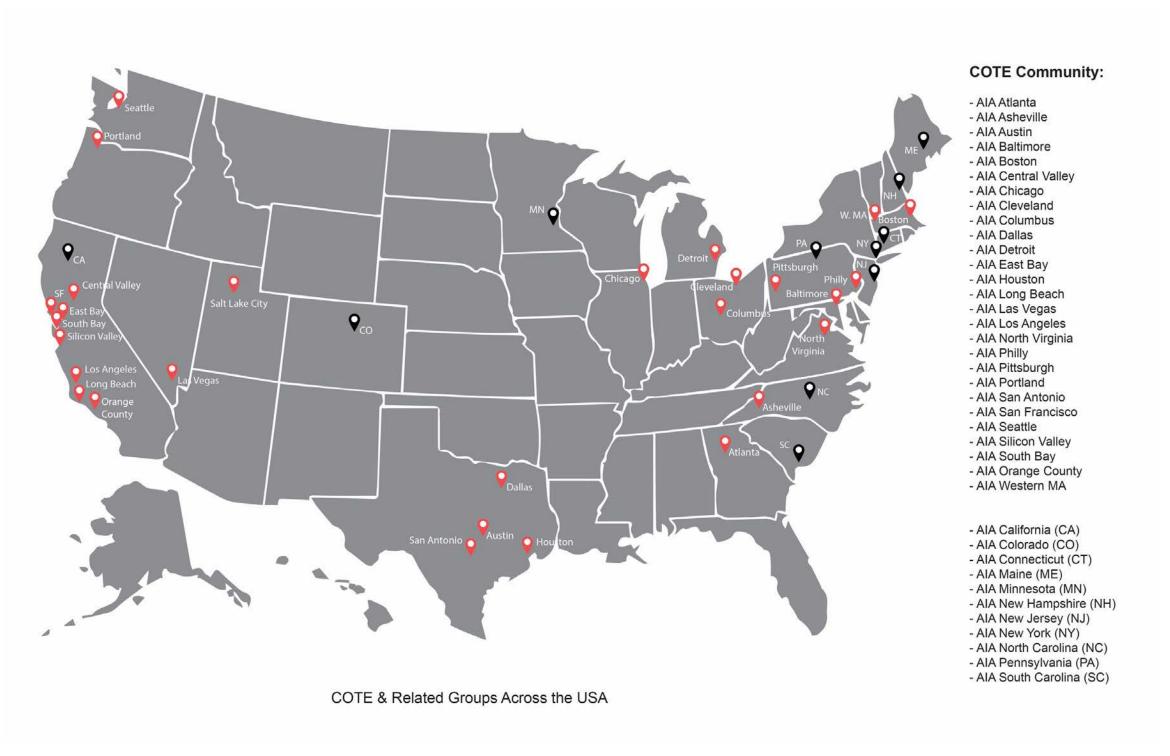
We STRENGTHEN our network.

COTE will connect and empower the COTE community and allies.



All people have a role to play in sustaining meaningful climate action. Architects are natural leaders in this area because of our fundamental commitment to protecting the health, safety, and welfare of the society we serve. That commitment confers a responsibility to do what we can, be it small or large, to combat the climate crisis.

- Robert Ivy, FAIAEVP/CEO American Institute of Architects
- Jane Frederick, FAIA2020 President American Institute of Architects



The COTE Network is made up of nearly 50 local and state groups operating at the component level.

90% 2030 CHALLENGE Percentage of Reduction

Committee on the Environment

Knowledge Community