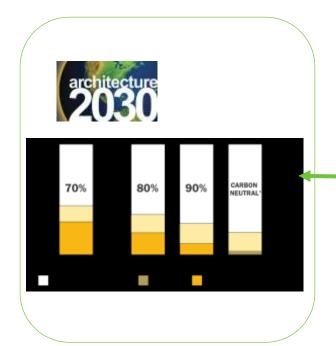




Fig 2. There are now 67 ZE Verified and 415 ZE Emerging projects documented by NBI.





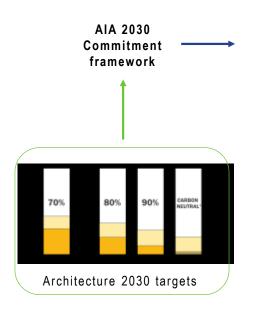
# AIA 2030 COMMITMENT

- Voluntary program that builds on Architecture 2030 framework
- Goal is to transform the practice of architecture in a way that is holistic, firmwide, project-based and data-driven, to prioritize energy performance and carbon reductions in design toward carbon neutral buildings, developments and major renovations by 2030.
- Firms "sign on" to commitment and report progress annually

3

AIA 2030 COMMITMENT | 549 SIGNATORY FIRMS

#### **AIA 2030 COMMITMENT**



### 1. SIGN ON

Firm leadership signs a letter of commitment

### 2. MAKE A PLAN

Create a Sustainability Action Plan for your firm. Review every 3 years.

# 3. TRACK DATA

Track your firm's projects' data within the Design Data Exchange (DDx) anonymously. Reported data will protect project identity and firm performance.

### 4. REPORT

Report your firm's projects once a year. Annual reporting cycle closes 3/31.

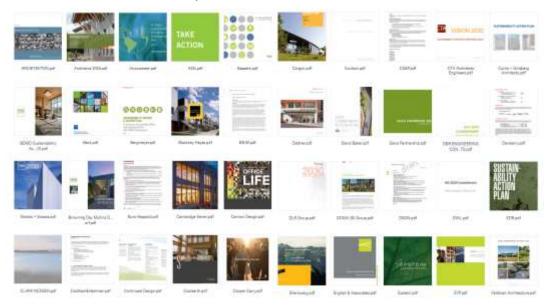
5

### AIA 2030 COMMITMENT | FIRM COMMITMENT LETTER





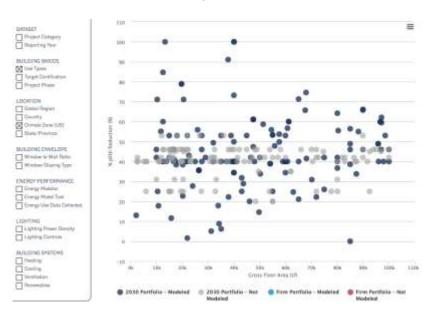
# AIA 2030 COMMITMENT | SUSTAINABILITY ACTION PLAN



Download examples: https://www.dropbox.com/sh/cq0g3s5f3ua3scj/AACfREITsLk5GKhHgUga5fAda?dl=0

#### 7

# AIA 2030 COMMITMENT | DESIGN DATA EXCHANGE



# AIA 2030 COMMITMENT | EUI & BASELINE

2030

EUI reduction compared to 2003 CBECS database (Architecture 2030 Zero Tool) **CA T24** 

TDV energy reduction compared to prescriptive requirements **LEED** 

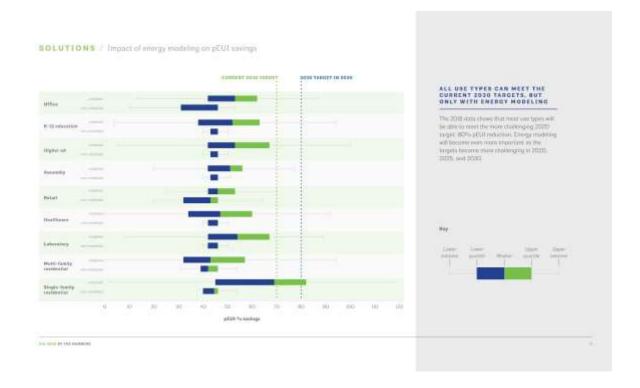
Energy cost savings compared to ASHRAE 90.1-2016 (v4.1)





SOLUTIONS / Projects meeting and exceeding the mark





# 2030 Commitment: WHERE WE SUCCEED

- Accessibility
   Written in a language that generalists can understand and engage with
   One number (% reduction)

### 2030 Commitment: WHERE WE ... suck.

- Accessibility
  - Written in a language that generalists can understand and engage with
    One number (% reduction)
- Participation
  - 549 Firm Signatories
  - 44/50 states and International
  - 10b square feet of projects
  - Other impacts (carbon, \$, etc)
- Knowledge leadership
   Education, awareness and communication tool within firms

15

#### 2030 culture at LEDDY MAYTUM STACY Architects



community . k-12 . higher ed . adaptive reuse . affordable housing . non-profit

#### 2030 culture at LEDDY MAYTUM STACY Architects

Improved energy literacy.

We are a team of generalists who can speak fluidly to clients about benchmarking, EUI, carbon, etc. ...across ALL projects.

Not settling for code compliance models.

Title 24 does a lot, but modeling loopholes prevent more accurate understanding of performance.

Asking bigger questions.

2030 is a framework that is pointing in the right direction; it inevitably brings up "bigger" issues relating to density, holistic carbon footprints and designing for equity.

17

#### 2030 culture at LEDDY MAYTUM STACY Architects



2030 culture in the BAY AREA



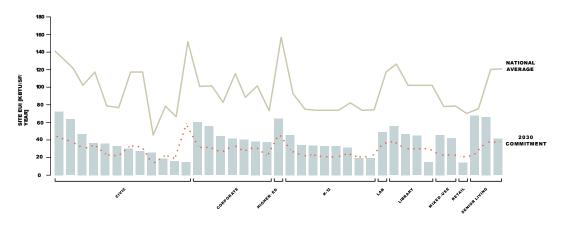








#### **2030 Commitment**



OPN WORK ON THE BOARDS 2,952,122 SF NEW CONSTRUCTION

21

# 2017 Projects Meeting 2030 Challenge





Normal Public Library



Polk County Criminal Courts



Iowa City Hoover Elementary



Logan Contractor Supply



Madison Public Library Support Center

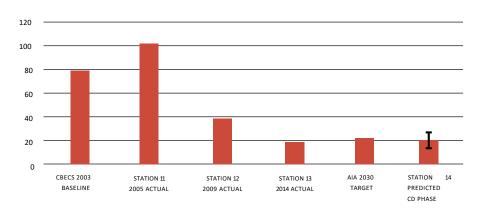


Johnson County Ambulance Center



Polk County Justice Center

# Fire Station EUI (KBtus/sf/year)





### 2030 Commitment: Focus on the Future

- Switch from Net Zero Energy to Net Zero Carbon
- Role of RECs and Offsite Renewables
- Embodied Carbon and Existing Buildings

**Good design = high performance** 



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