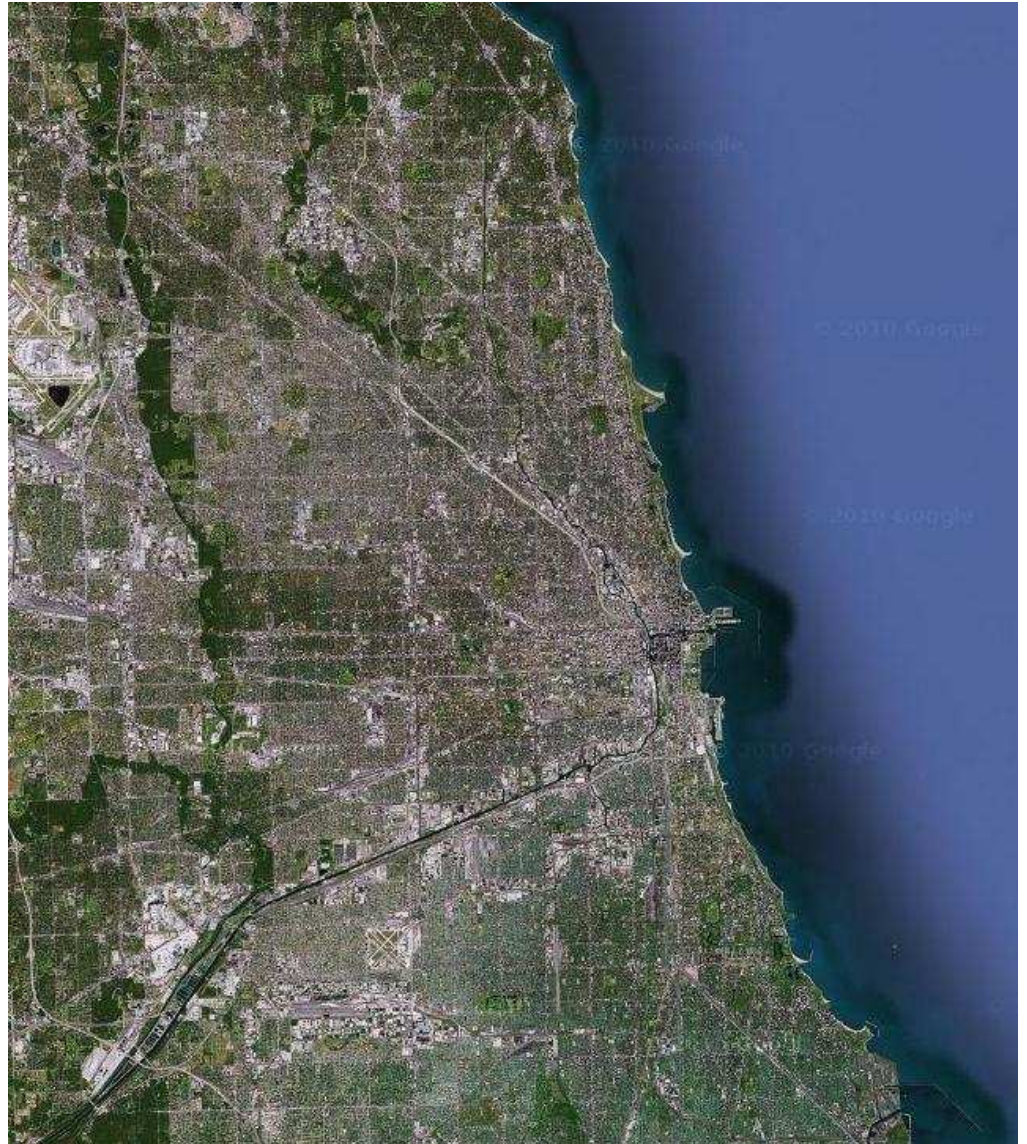


AIA Chicago 2030 Working Group 2010 Design Work

June 28, 2011



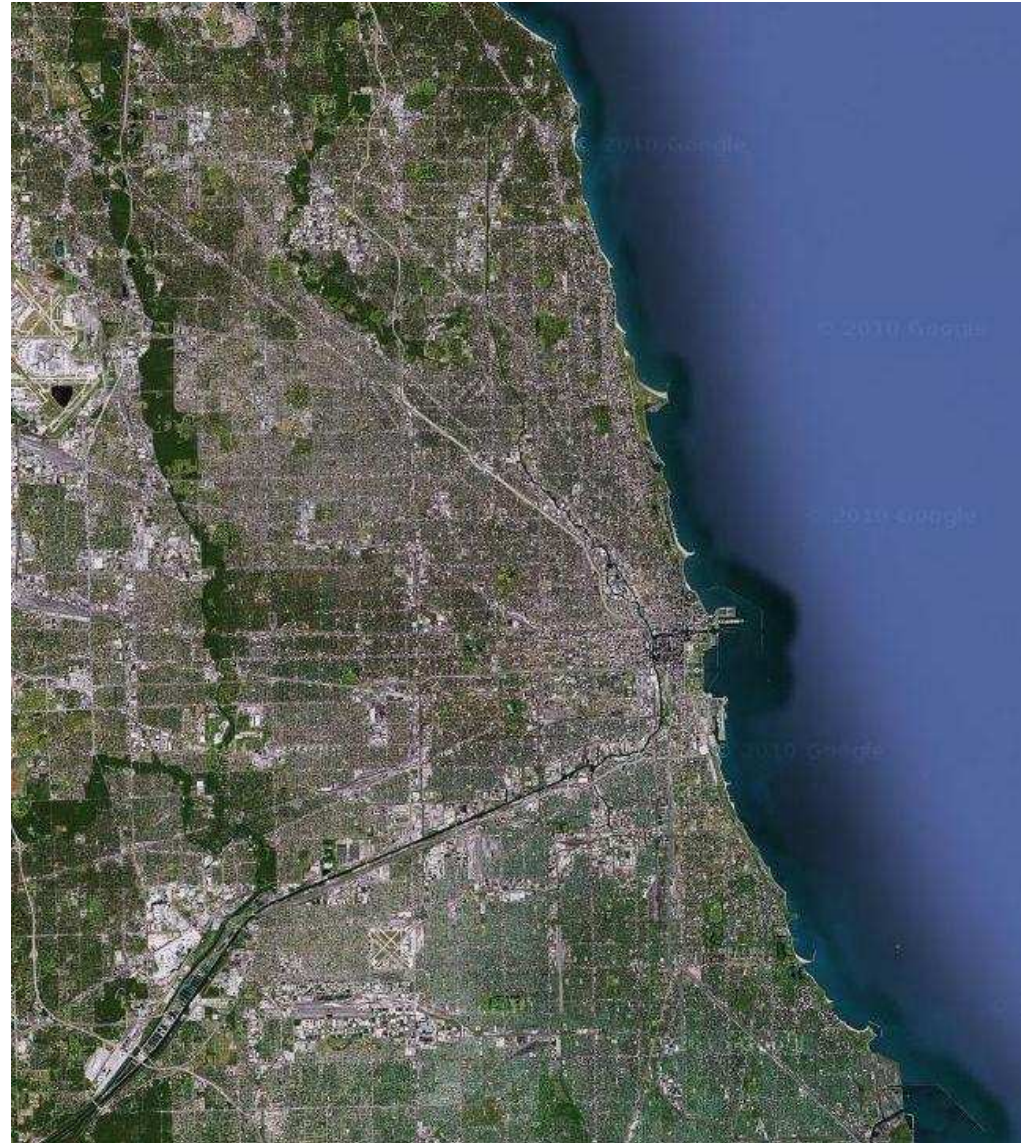
AIA Chicago 2030 Working Group Data Analysis Participation

2009 → 2010

Number of offices participating
6 offices → 9 offices

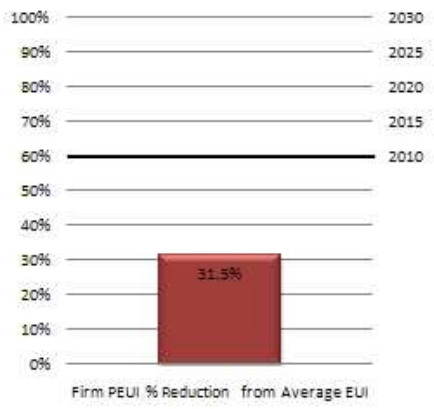
GSF included in PEUI analysis
23,600,000 → 39,300,000

Combined % Reduction from Average
22% → 32%



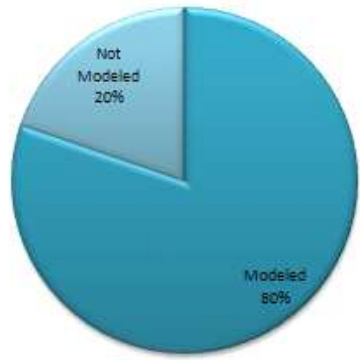
AIA 2030 Commitment Annual Report
**Participating Chicago Firms
 Design Work 2010**

Predicted EUI



Current 2030 PEUI Reduction Goal	60.0%
Firm PEUI % Reduction from Average EUI	31.5%
GSF Included in PEUI Analysis	39,281,262
% of Included GSF Meeting Current Goal	3.4%

Project Modeling



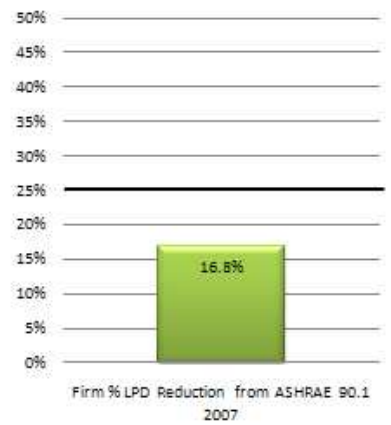
<u>GSF of Active Projects</u>	
Modeled	31,513,369
Not Modeled	7,767,893

Use Data To Be Collected



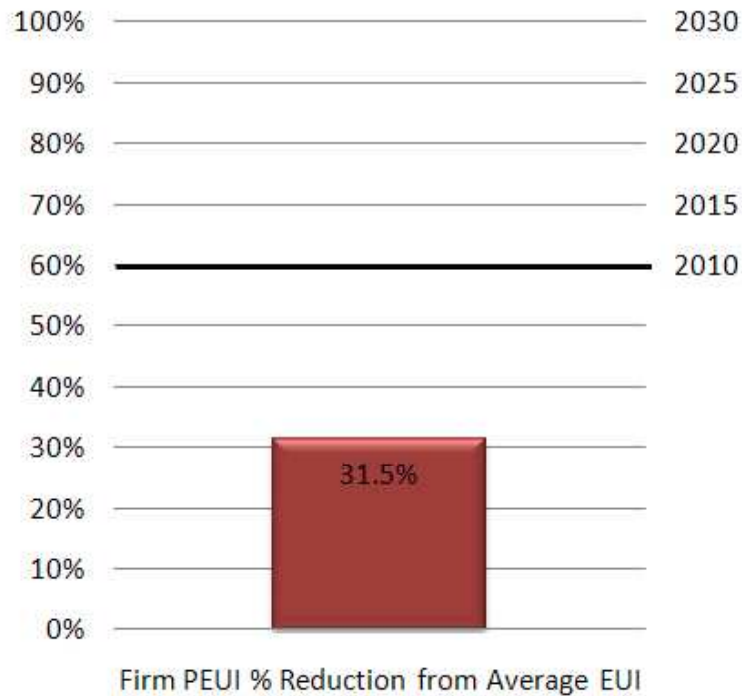
<u>GSF</u>	
Data will be collected	9,425,316
Data will not be collected	29,855,946

LPD Analysis



LPD Reduction Goal	25.0%
Firm % LPD Reduction from ASHRAE 90.1 2007	16.8%
GSF Included in LPD Analysis	14,259,199
% of Included GSF Meeting Current Goal	33.4%

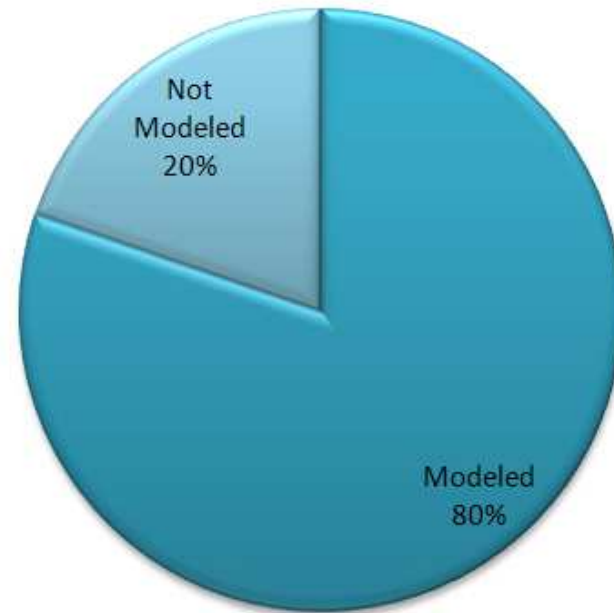
Predicted EUI



Current 2030 PEUI Reduction Goal	60.0%
Firm PEUI % Reduction from Average EUI	31.5%
GSF Included in PEUI Analysis	39,281,262
% of Included GSF Meeting Current Goal	3.4%

AIA National Reporting Avg. 35%

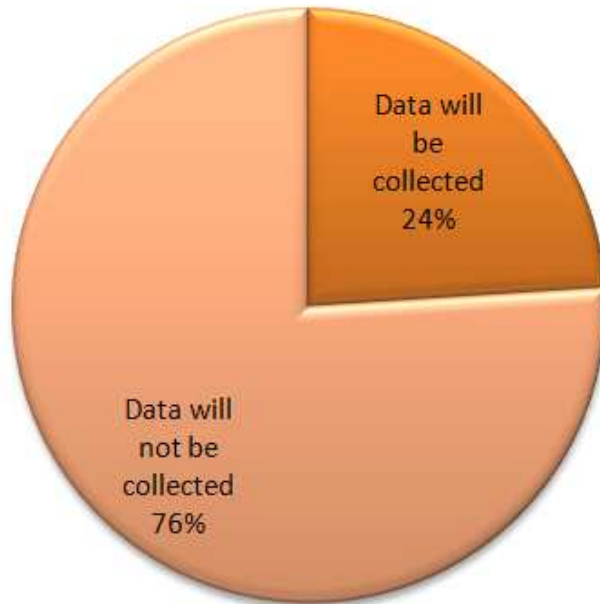
Project Modeling



	<u>GSF of Active Projects</u>
Modeled	31,513,369
Not Modeled	7,767,893

AIA National Reporting Avg. 58%

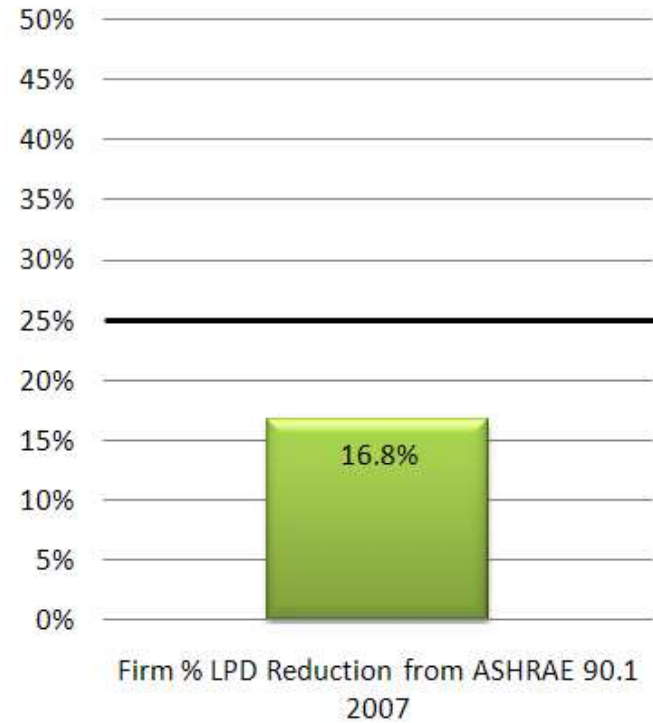
Use Data To Be Collected



	<u>GSF</u>
Data will be collected	9,425,316
Data will not be collected	29,855,946

AIA National Reporting Avg. 38%

LPD Analysis



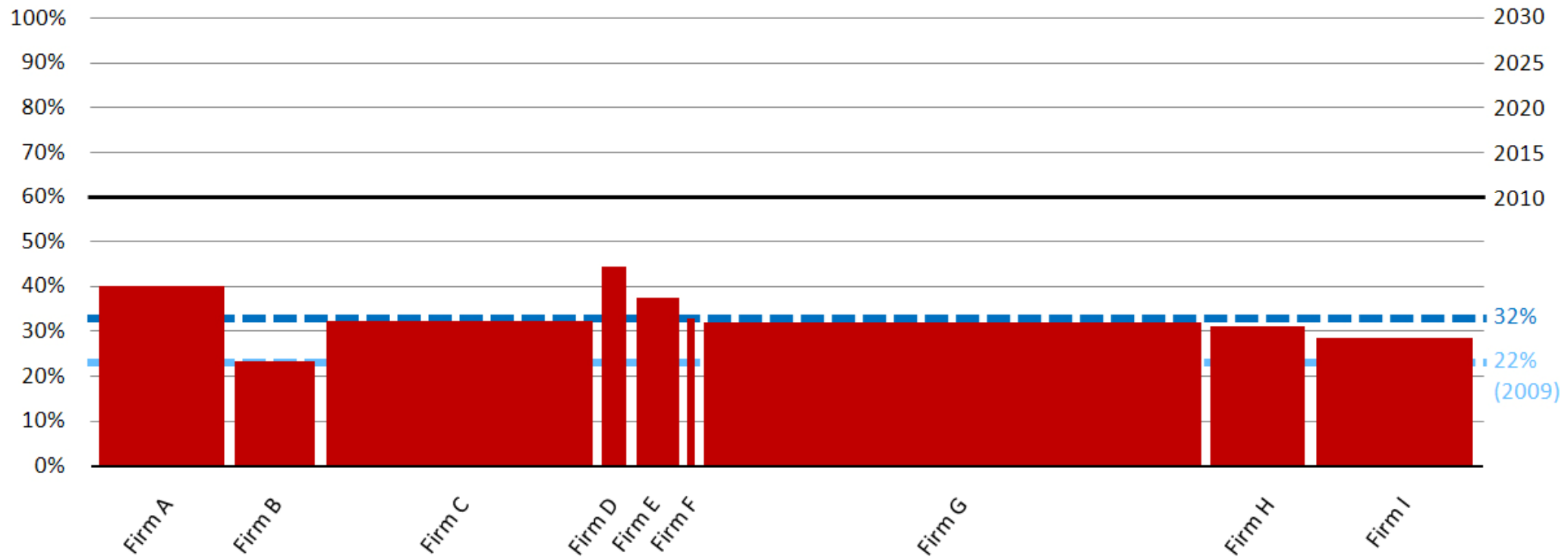
LPD Reduction Goal	25.0%
Firm % LPD Reduction from ASHRAE 90.1 2007	16.8%
GSF Included in LPD Analysis	14,259,199
% of Included GSF Meeting Current Goal	33.4%

AIA National Reporting Avg. 21%

Participating Offices

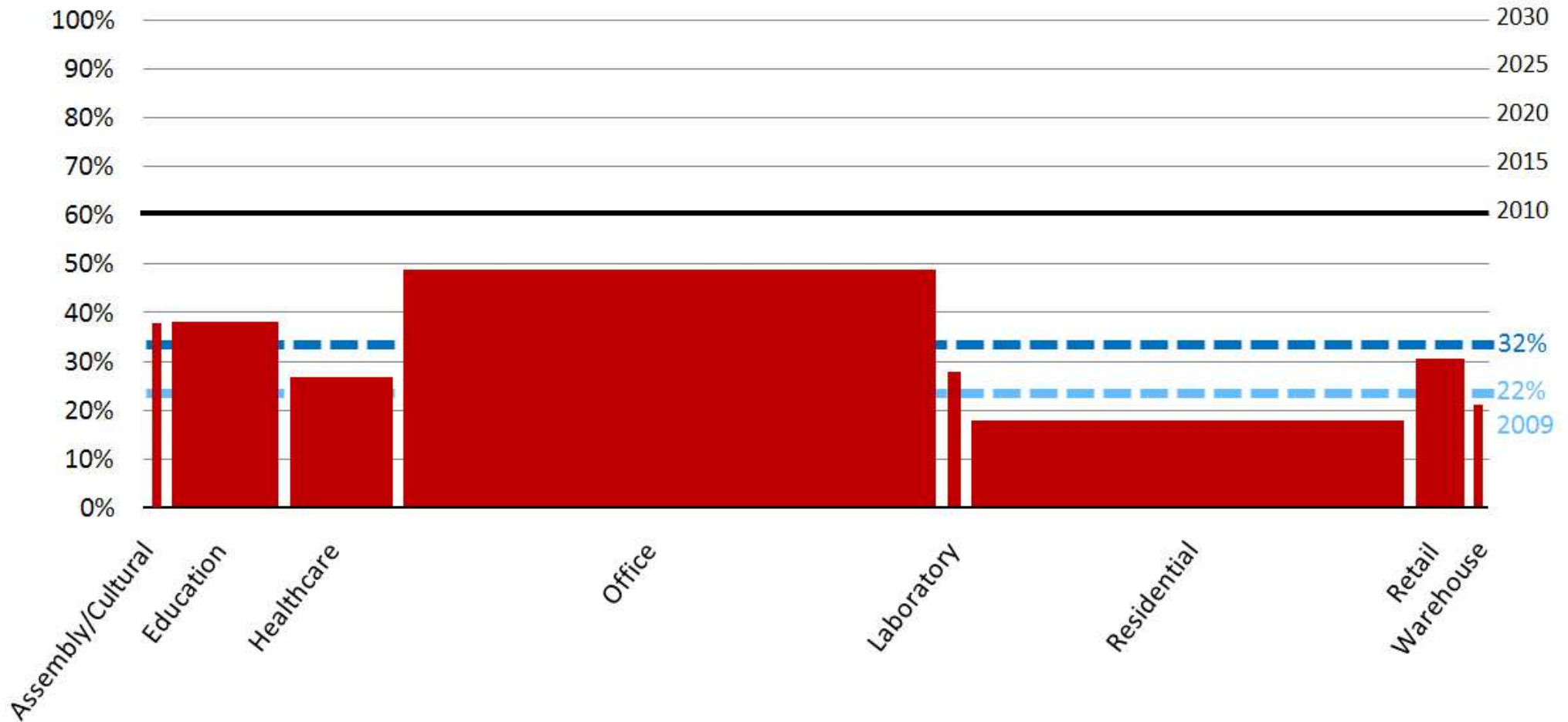
2010 Predicted EUI Reduction by Office

width of bar represents relative project work in GSF



AIA Chicago Participating Offices

2010 Predicted EUI Reduction by Building Sector



Participating Offices

2010 Predicted EUI Reduction by Project Size

