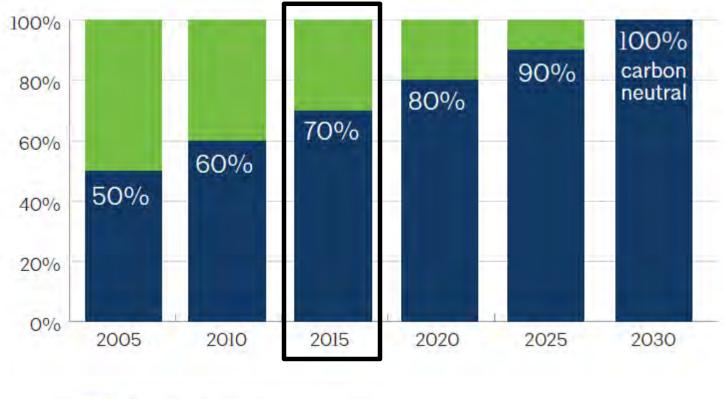
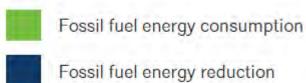


2030 OVERVIEW | TARGETS





OPERATIONAL EFFICIENCY

Long range sustainability action plan that aligns with the stated 2030 benchmarks for achieving carbon neutrality.



The Program Continues to Grow

Number of signatory firms increased by 19%

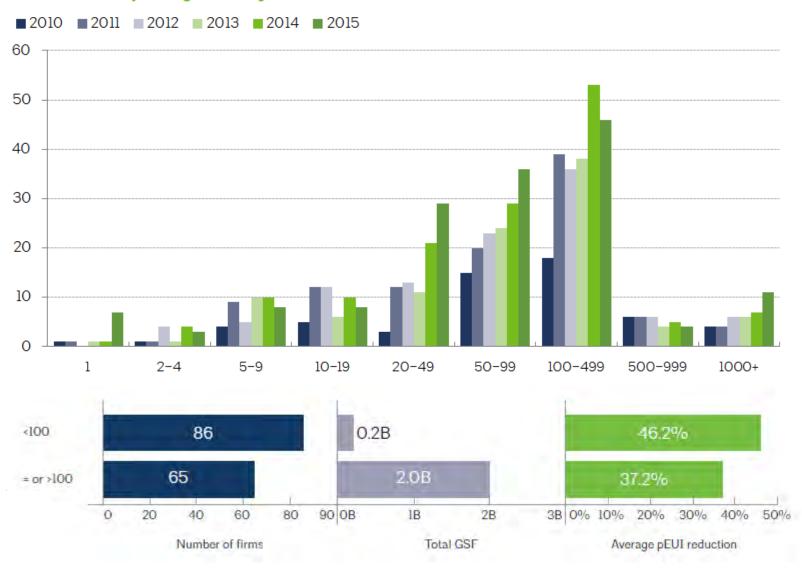
The Institute is focused on increasing value to small firms

Signatory & reporting firms





Number of Reporting Firms by Staff Size Over Time

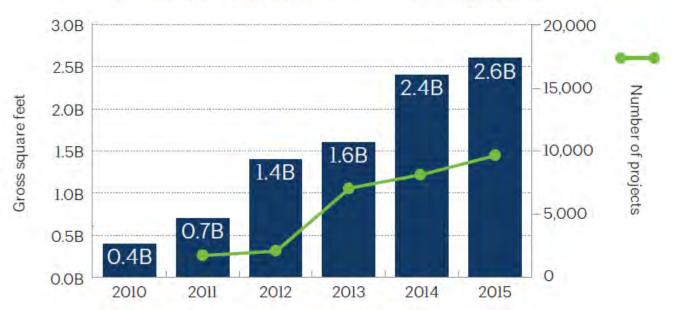


Total Area Reported

Continue to see more projects than ever are being reported

Building area reported increased to 2.6B GSF – **8.3% increase**

Total reported area (GSF) and total number of projects





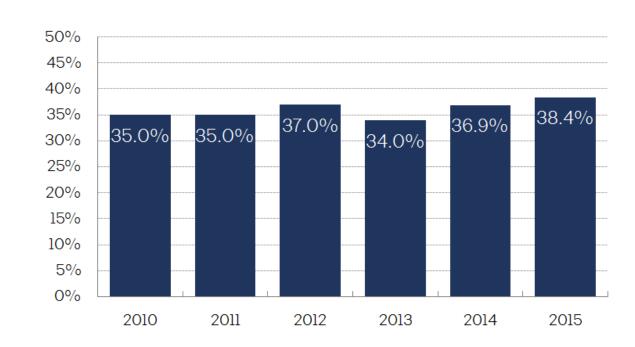
Data for total number of projects is unavailable for 2010.

Predicted Project Performance

Average pEUI increased by 1.5% but remained mostly flat across all reporting years

Time to meet the challenge!

Percent Mean pEUI Reduction from the National Average





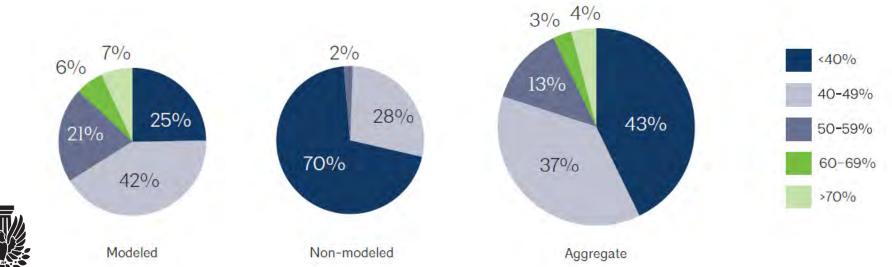
The Impact of Modeling

59% of projects used energy modeling

41% of projects used code equivalent baselines

Only Modeled Projects reach the reduction targets

Percent Improvement by pEUI Reduction Bins



Whole building projects by use type

Use type	Average pEUI reduction 40.8 40.7		Number of projects	Total GSF (million)	Average GSF 176,011 109,857	Average EUI* 52
Assembly			530 428	93.3		
Higher education				47.0		
K-12 education		13.7	413	32.3	78,268	45
Laboratory	4	6.3	198	25.5	128,712	201
Healthcare		38.1	606	131.0	216,222	125
Office	,		1,076 650	455.2 379.0	423,012 583,014	60 75
Retail						
Multi-family residential		41.8	640	204.5	319,554	42
Single-family residential	4	6.4	155	1.5	9,348	26
Mixed Use	35.8		679	619.4	912,261	61
Other	3	8.8	607	213.6	351,842	103



Interiors projects by use type

Use Type	Average pEUI reduction		Number of projects	Total GSF (million)	Average GSF
Assembly		28.2	67	3.1	45,545
Higher education		27.3	79	2.2	27,456
K-12 education		2.3	63	10.7	169,111
Laboratory		19.0	96	1.7	17,802
Healthcare		25.5	433	8.8	20,328
Office		28.1	800	40.5	50,666
Retail		35.3	142	2.0	14,097
Mixed use		30.9	39	3.4	87,693
Other		18.1	58	2.5	43,123



2015 Key Takeaways

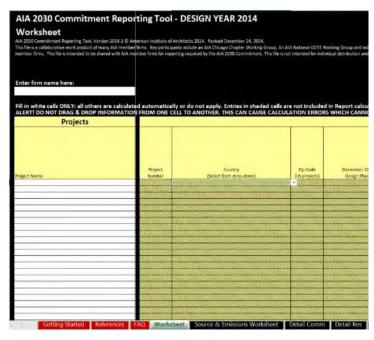
- We can only meet 2030 targets with energy modeling.
- More firms are signing on. Good potential for more reporting next year.
- The pEUI reduction and overall GSF continues to grow and improve. But not as fast as we would like.
- The DDx is a new tool with greater value propositions.



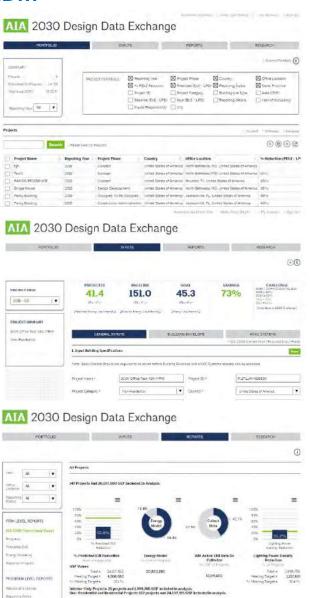


A BIG STEP FORWARD...





to



TESTIMONIALS

- "...DDx allows us to learn from our past projects and utilize that knowledge to constantly improve..." - Nathan Kipnis, FAIA, Principal, Kipnis Architecture + Planning
- "Being able to access the data and see immediate results on how our projects are performing created a bit of a 'wow factor' that has gotten people within the firm excited and more engaged..." - Melissa DeStout, project architect with Perkins Eastman.



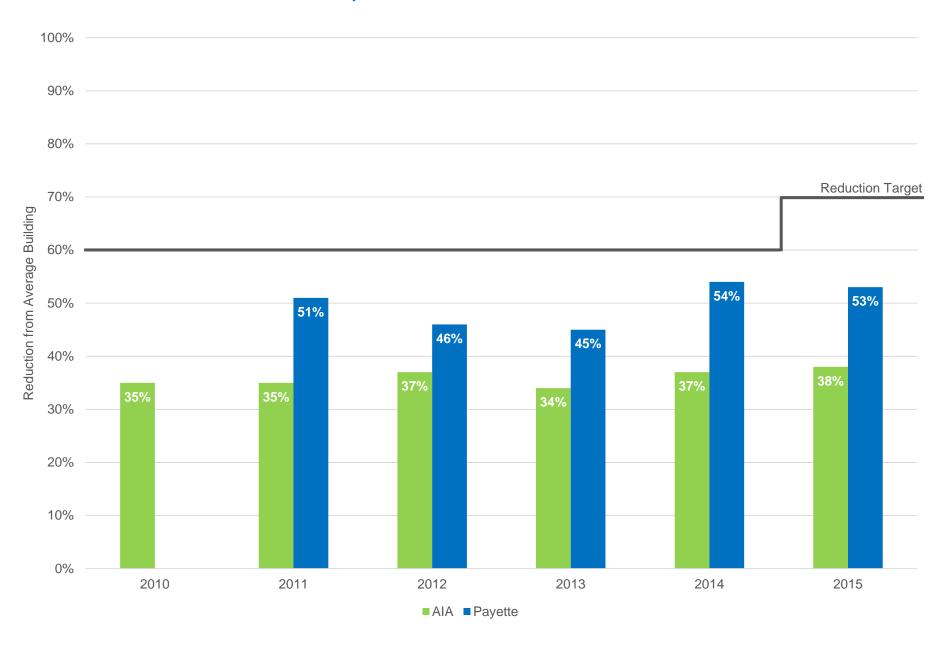
Let's go live! (if we can)

PAYETTE

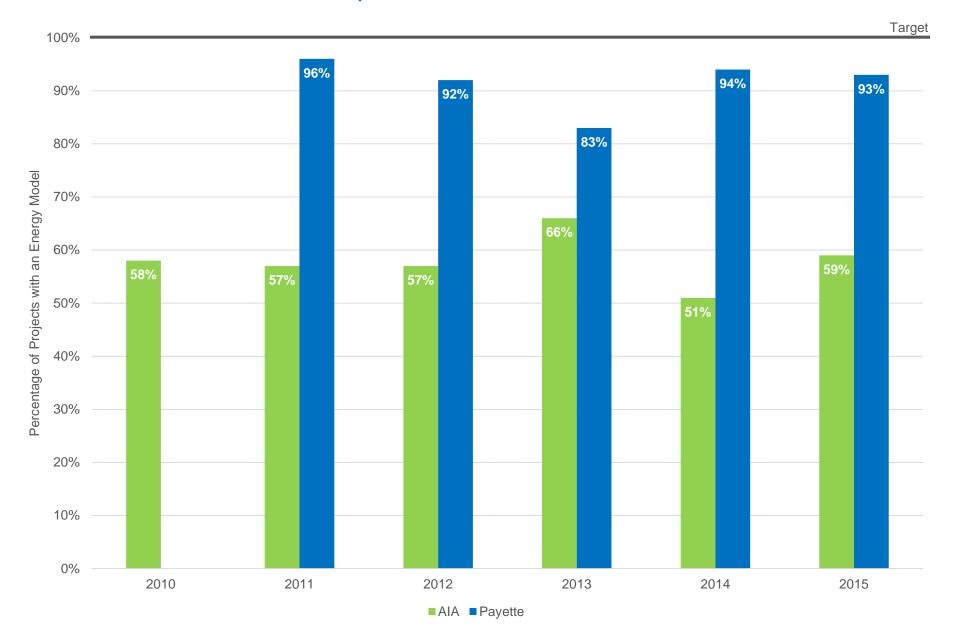


- 140-person, Boston based office
- Research and Healthcare Focus
- Integrated Building Science Group

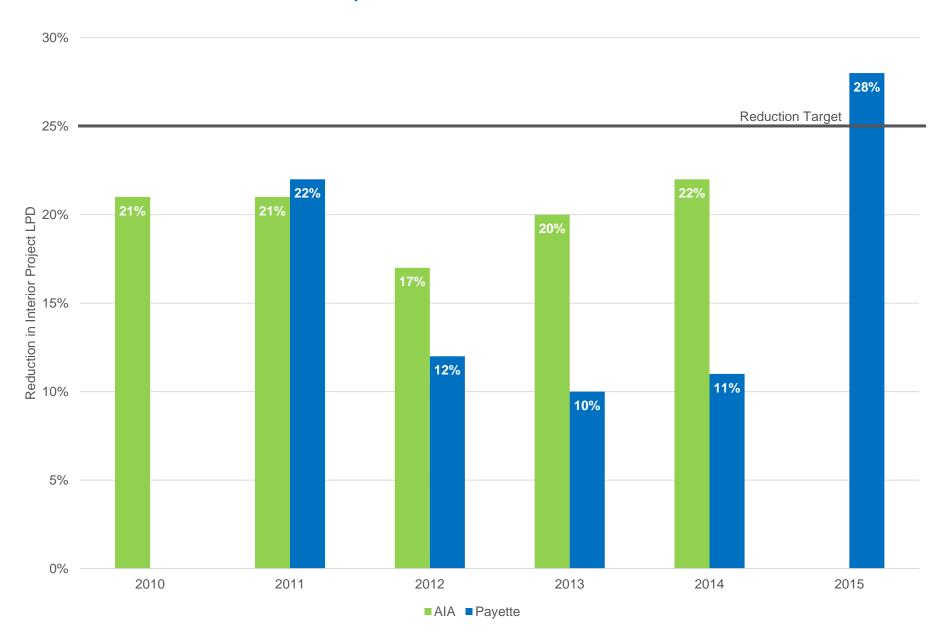
PROGRESS TOWARDS GOALS | EUI REDUCTION



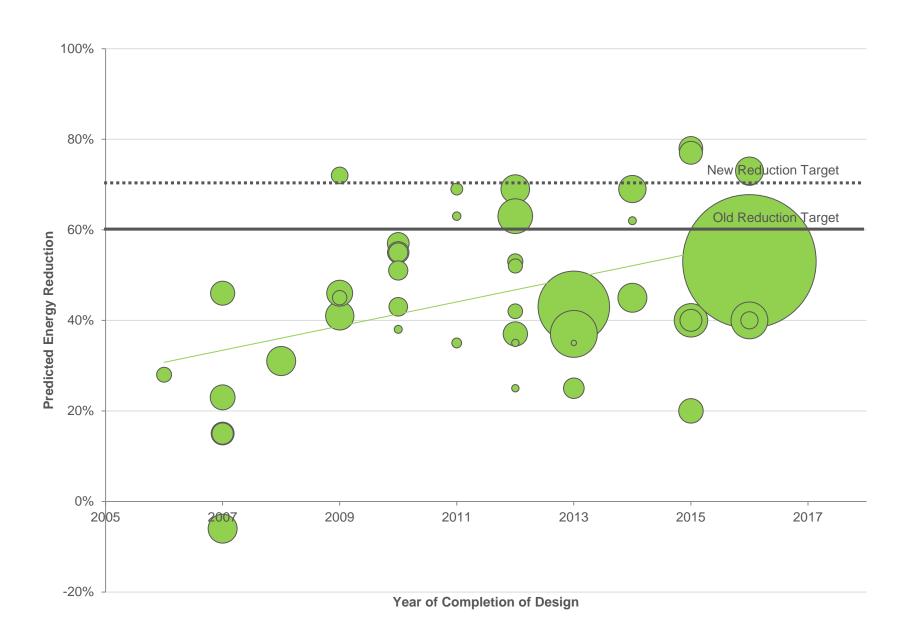
PROGRESS TOWARDS GOALS | PROJECTS WITH ENERGY MODELS



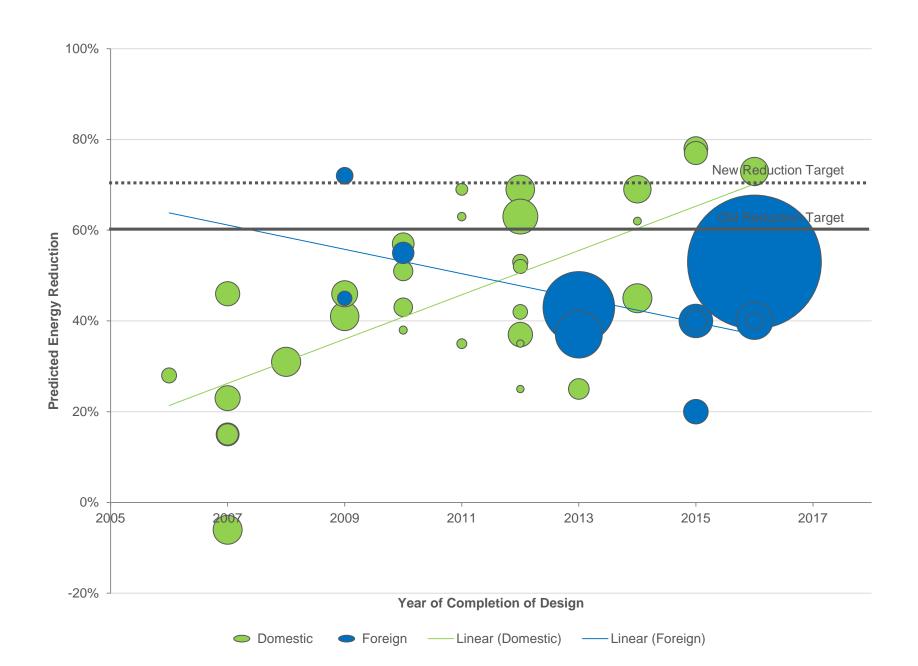
PROGRESS TOWARDS GOALS | INTERIOR PROJECTS



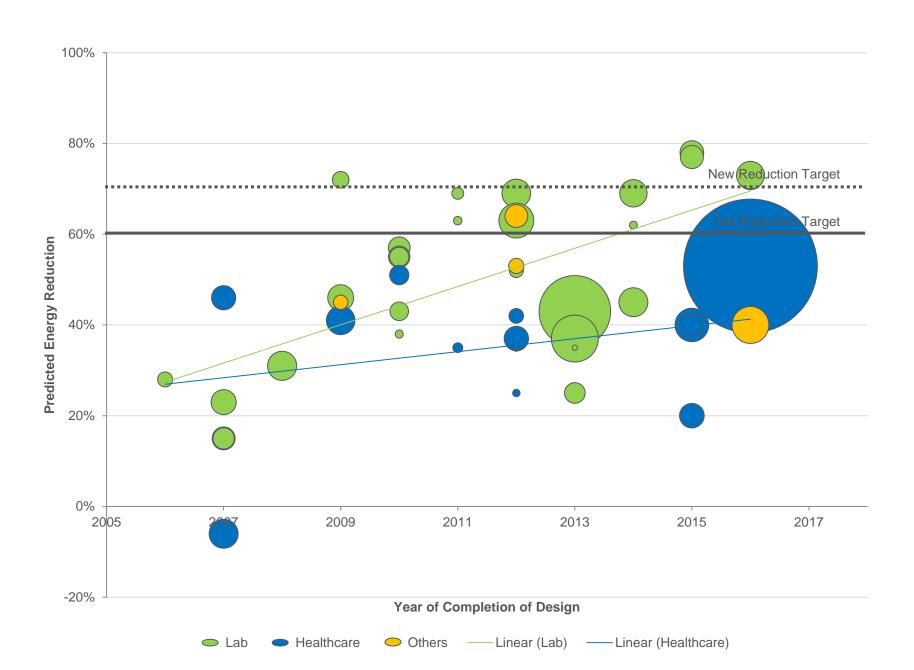
PROGRESS OVER TIME



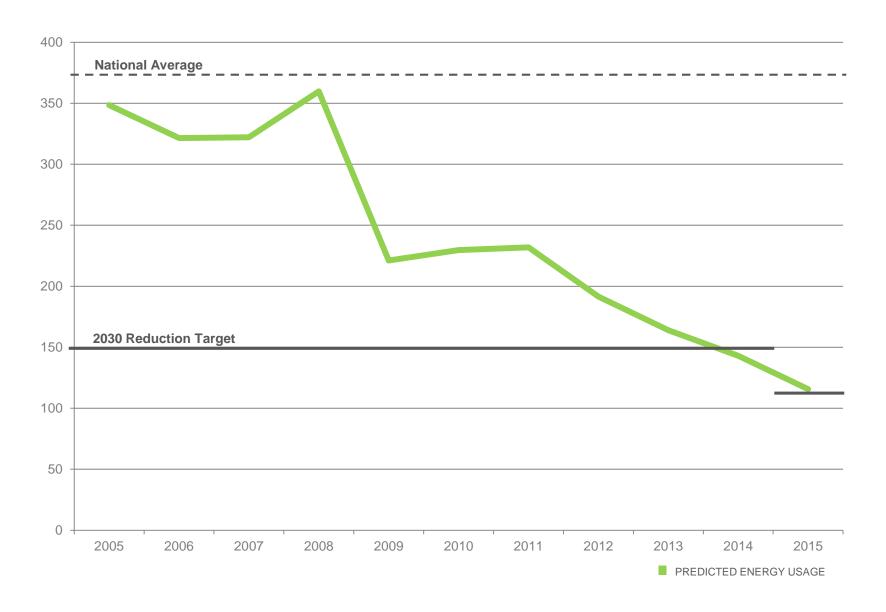
IMPACT OF INTERNATIONAL WORK



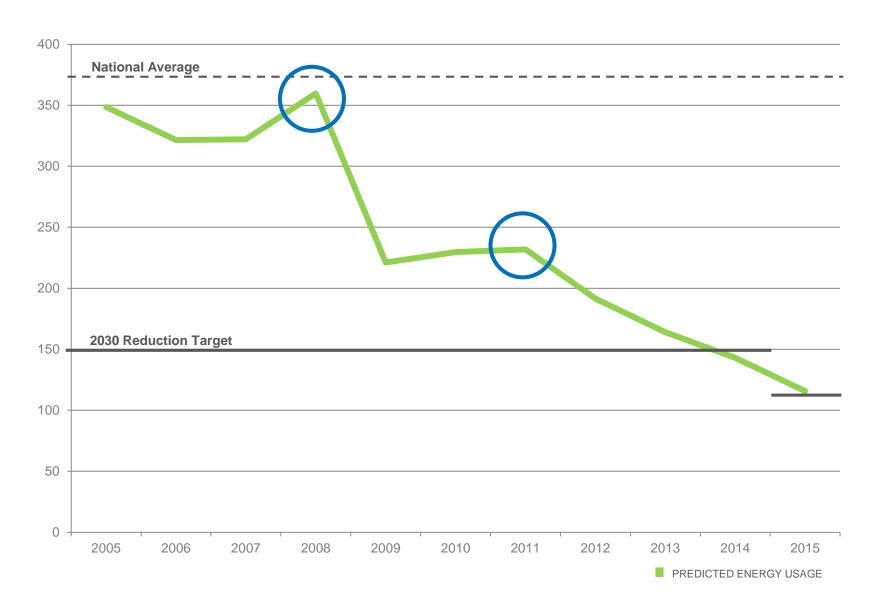
MARKET SECTOR



BY MARKET SECTOR - LABS



BY MARKET SECTOR - LABS



BY MARKET SECTOR - LABS

