



NextGrid Illinois

A decorative graphic on the left side of the slide, consisting of white and light blue lines and circles that resemble a circuit board or a network diagram. The lines are vertical and horizontal, with some diagonal connections, and the circles are of varying sizes, some acting as nodes or junctions.

COOK COUNTY GHG EMISSION REDUCTION

JAMIE MEYERS

ENERGY MANAGER

COOK COUNTY BUREAU OF ASSET MANAGEMENT

2/12/2018

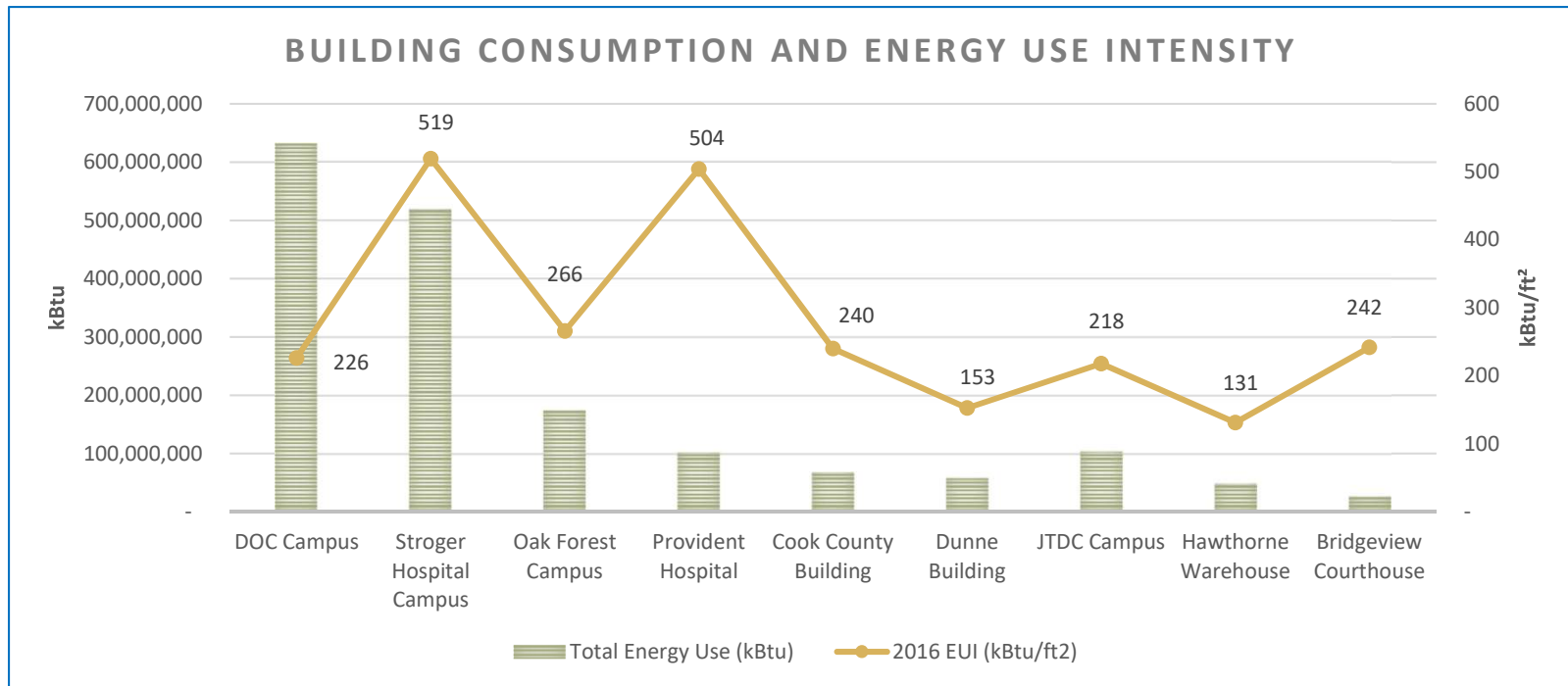
FOOTPRINT



- 16.2 million square feet
- 2016 – 237.3 million kWh, 12.2 million therms

2/12/2018

FOOTPRINT



2/12/2018



EMISSIONS REDUCTION GOAL

80% GHG EMISSIONS REDUCTION BY 2050 FROM A 2010 BASELINE

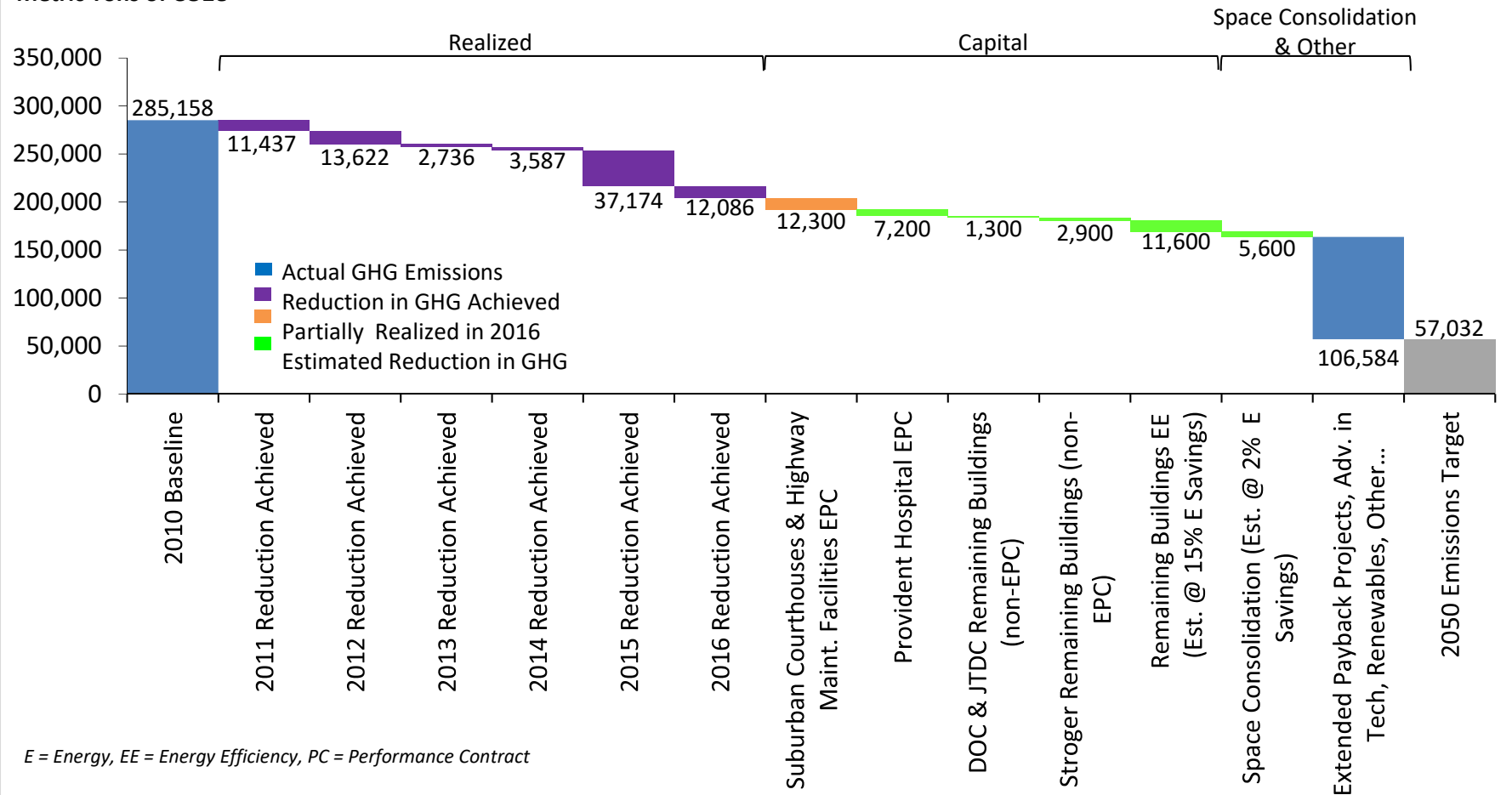
- Since 2012, 4 energy efficiency projects on the Department of Corrections Campus, the Juvenile detention center, the Dunne and County buildings, the Stroger Hospital Campus, 4 courthouses, and 5 highway maintenance facilities
- Represented nearly 75% of County building footprint
- 55,583 metric tons reduction realized
- 12,300 metric tons estimated for 2017

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Cook County Facilities 80% by 2050 GHG Reduction Strategy

- Estimated Reductions of Different Initiatives -

Metric Tons of CO₂e



E = Energy, EE = Energy Efficiency, PC = Performance Contract

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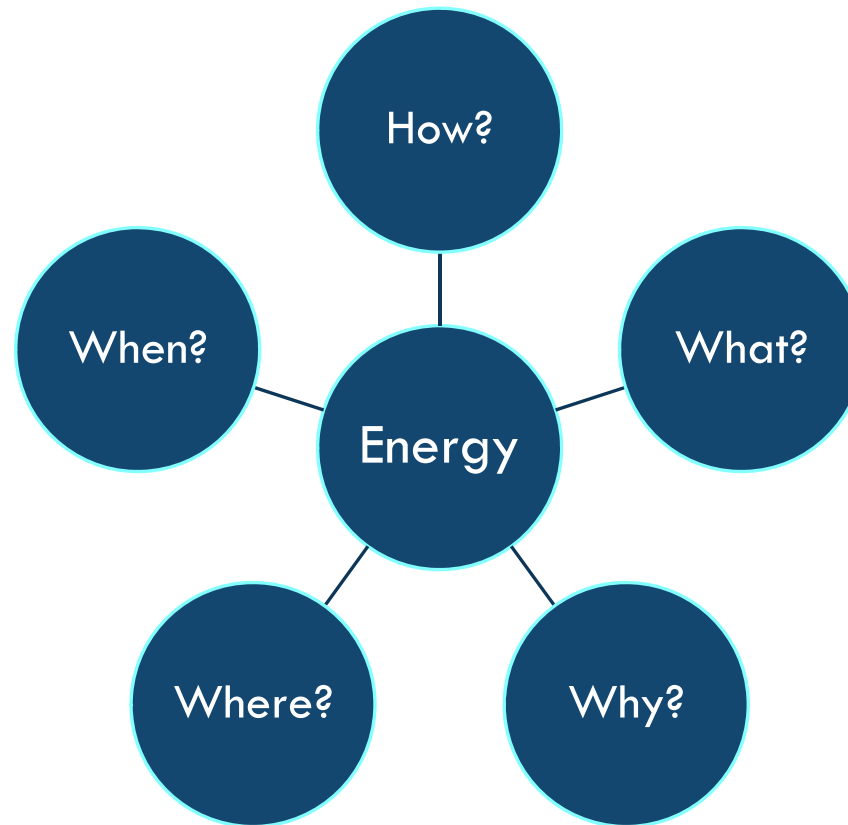


POTENTIAL STRATEGIES

106,000 METRIC TONS TO GO . . .

- Energy efficiency
- Space reduction
- New technologies
- Renewables
- Smart buildings

A NEW APPROACH



2/12/2018