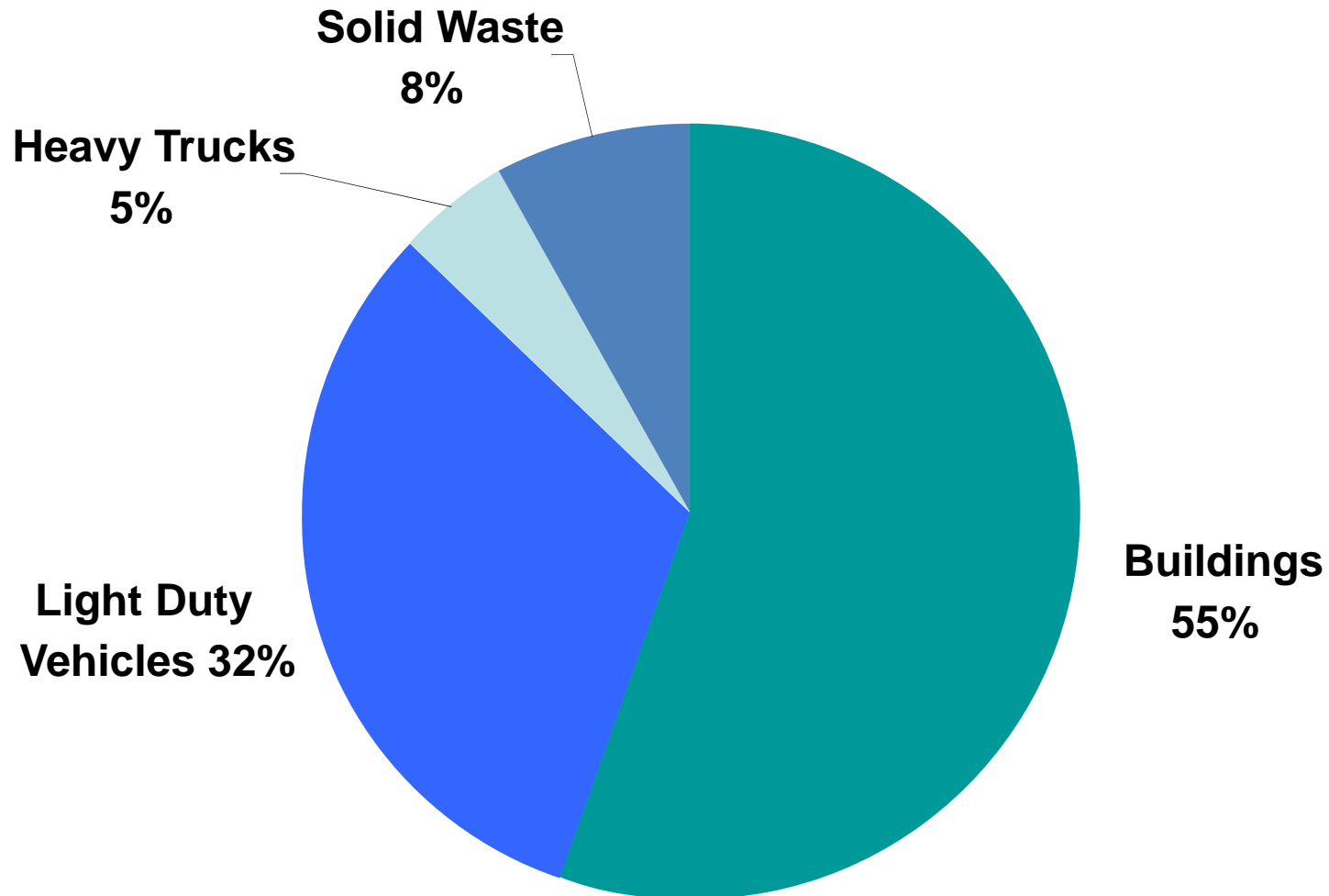


# Low Carbon Strategy & Policy

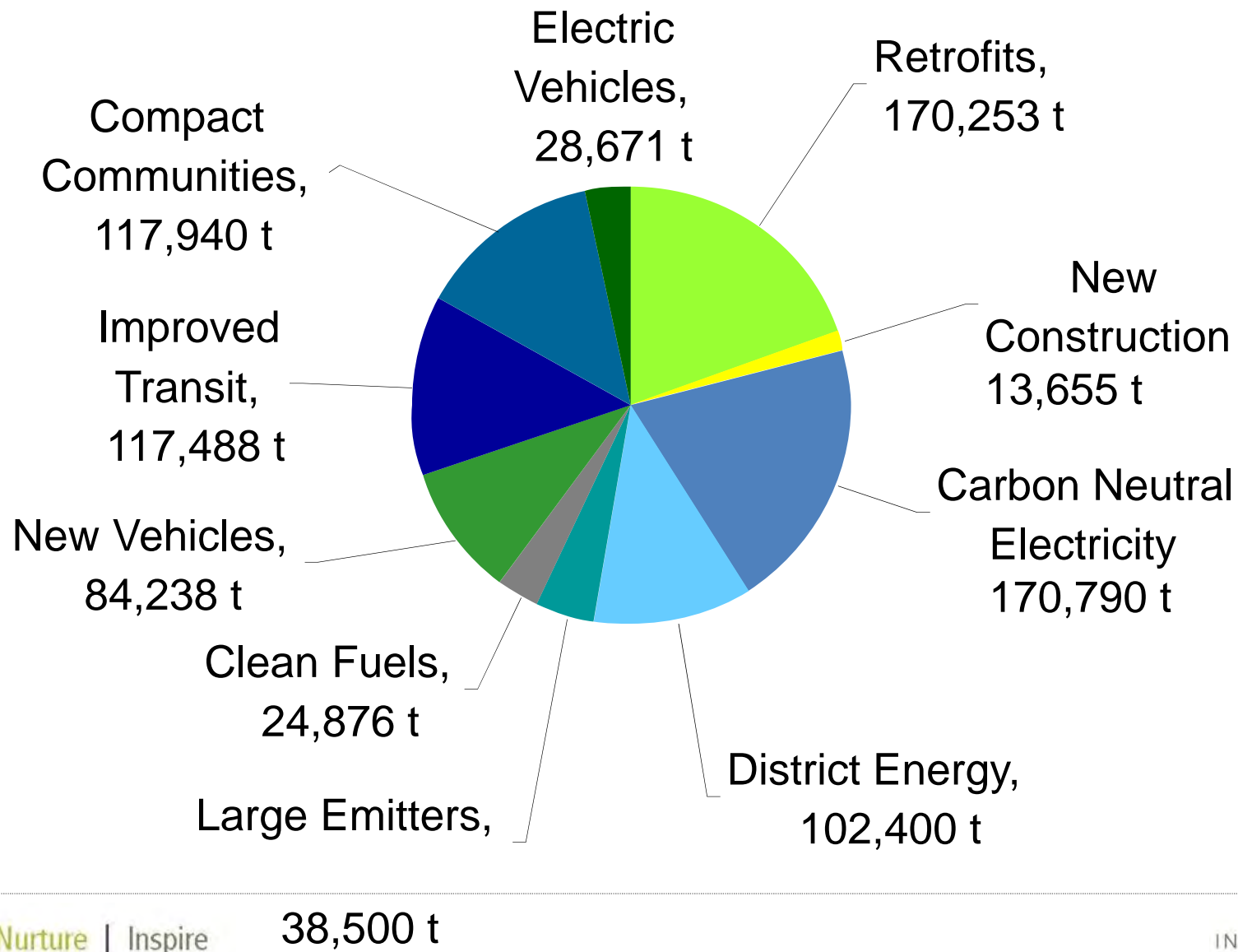


# Sources of GHG's

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# GHG Reduction Strategies



# Community Building Energy Use

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## Building Energy Disclosure:

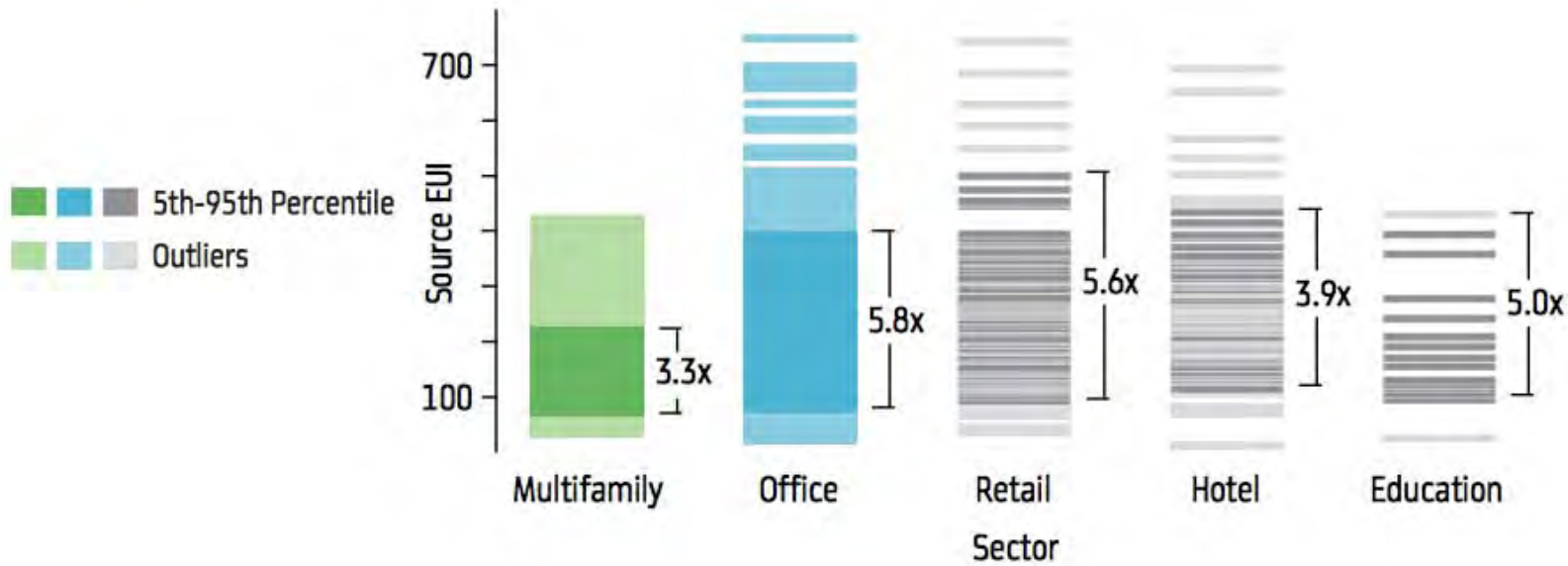
- ❑ San Francisco
- ❑ Seattle
- ❑ New York City
- ❑ Boston
- ❑ Austin
- ❑ Philadelphia
- ❑ Minneapolis

[www.imt.org](http://www.imt.org)



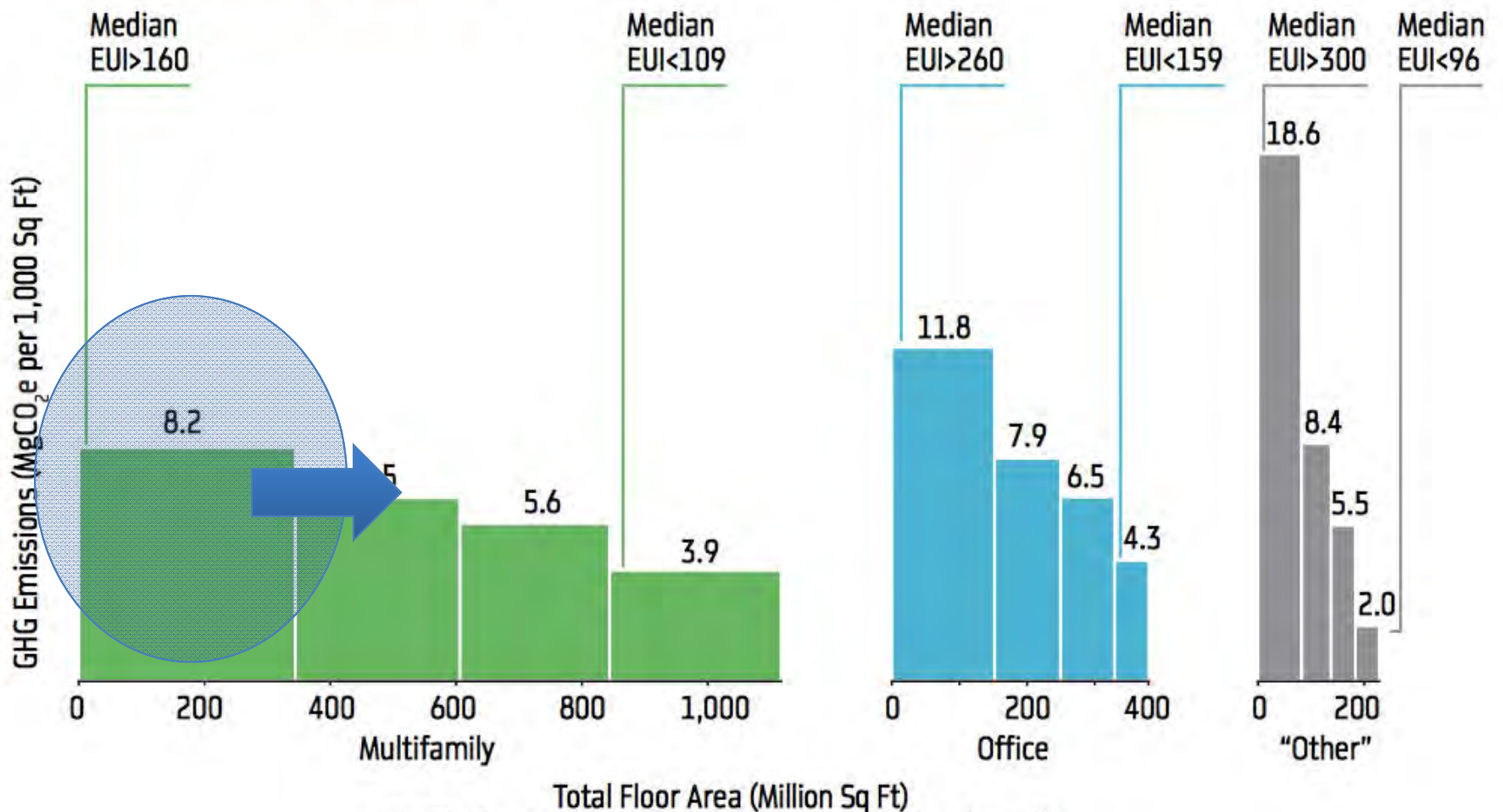
# Community Building Energy Use

[Fig. 11] Variation in Source EUI by Sector (5th-95th percentile)



# Retrofitting the Worst...

[Fig. 14] Total GHG Emissions by Sector Quartiles



\*Width of each bar corresponds to total floor area of each quartile.

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623,000 tonnes!

# New Construction

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- All construction will be carbon Neutral in operations by 2020
  - Moderate climate
  - Clean Electricity (92% Hydro)
  - Legislative Authority on Building Codes

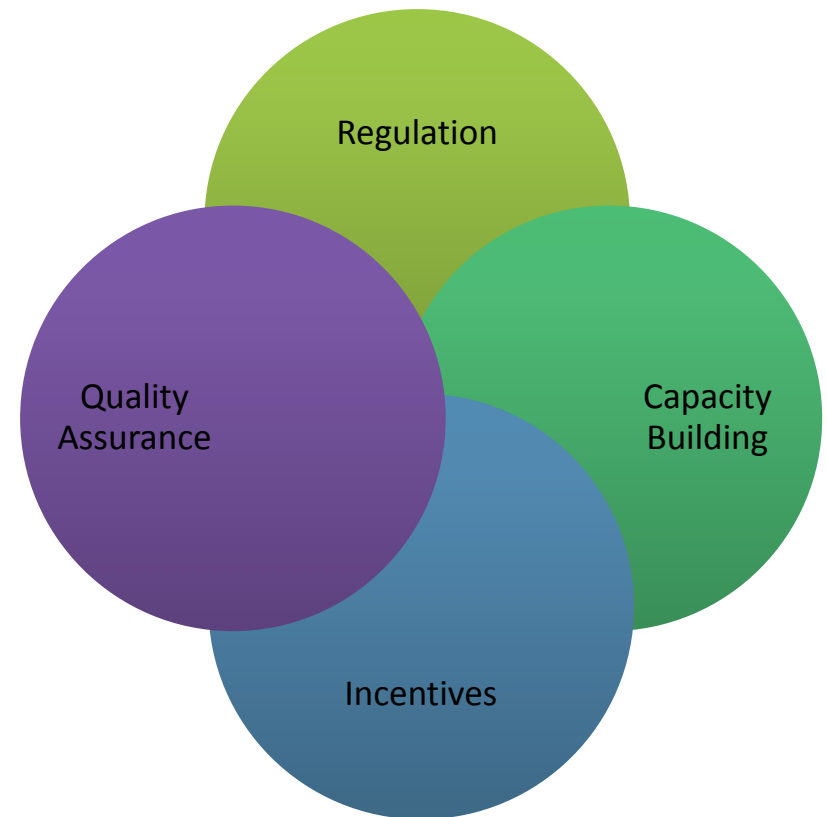




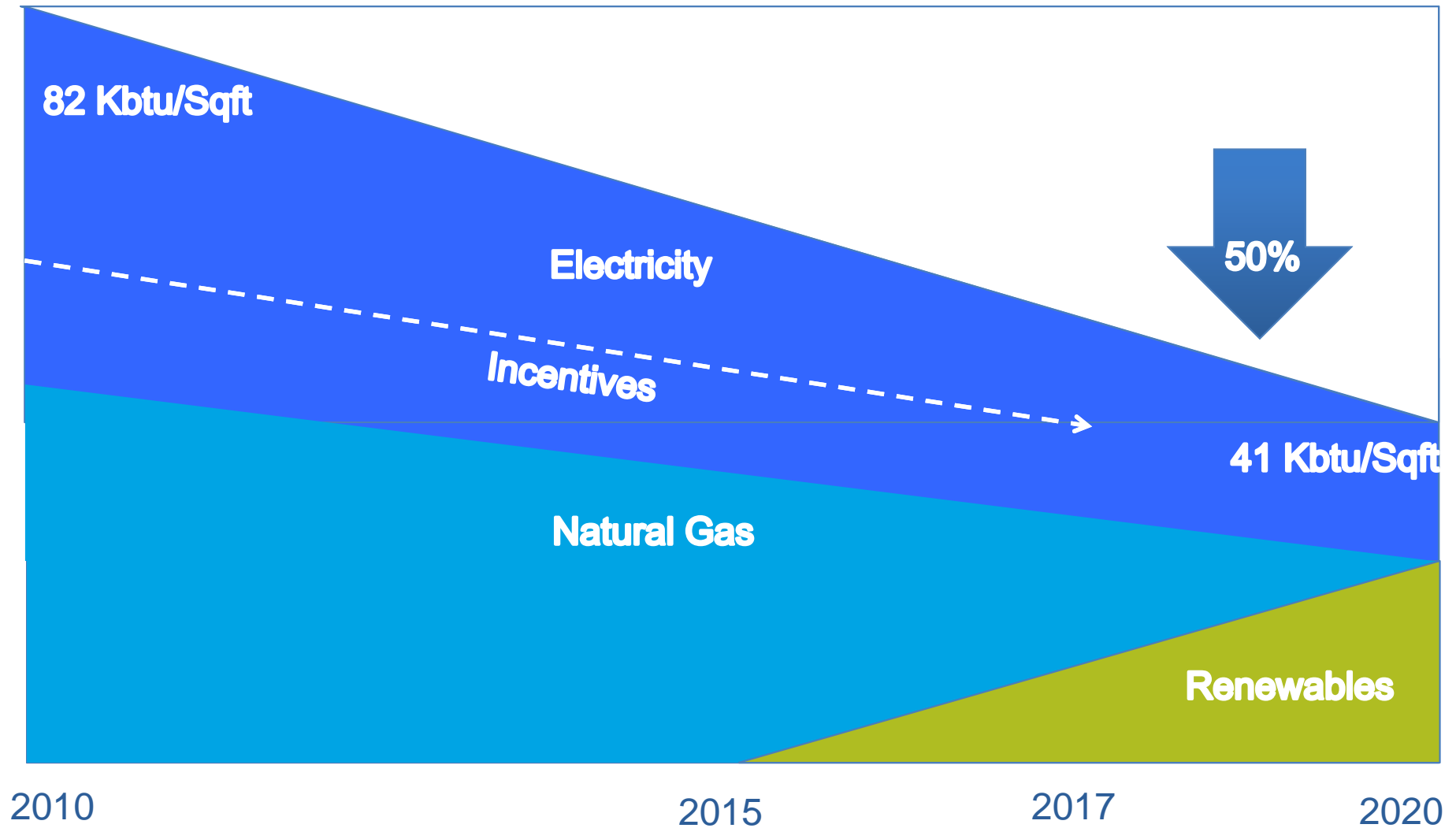
# New Construction

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- ❑ Carbon Neutral Building Principles
  - ❑ Based on best practices (achievable)
  - ❑ Equitable (worked across building types and locations)
  - ❑ Incremental (allows time for market transformation)



# Carbon Neutral Buildings Target



# Holistic Approach to Carbon Management

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- ❑ DE Solutions in high density areas
- ❑ Connect existing loads for a fuel switch
- ❑ Create a local carbon market
- ❑ Fund energy efficiency retrofits



# Carbon Neutral/NZE Building Training

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- ❑ Capacity Building Programs
  - ❑ Passive Design/Envelope
  - ❑ Mechanical Design
  - ❑ Lighting and Electrical
  - ❑ District Energy

