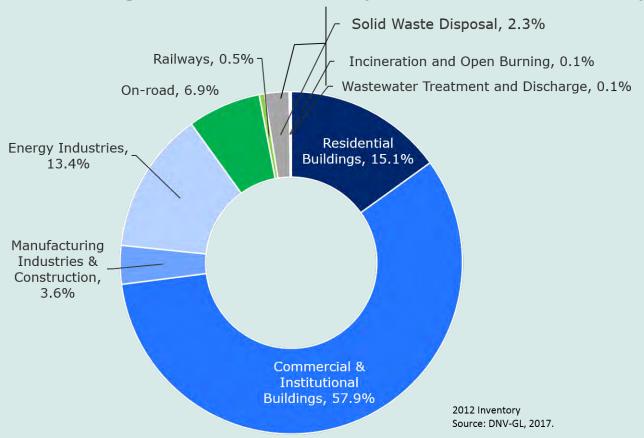
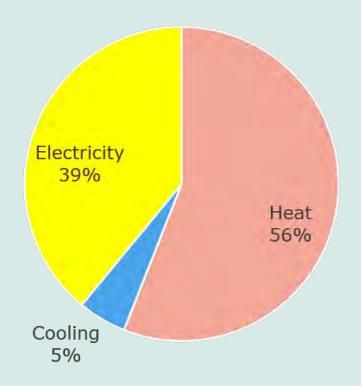
Cambridge Community GHG Inventory



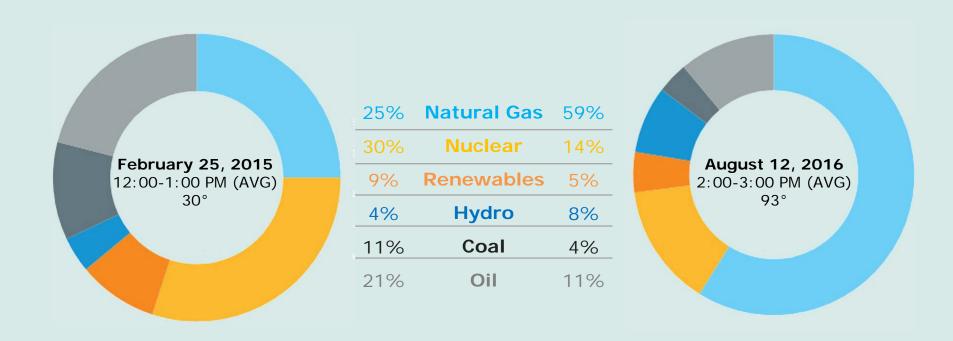
ENERGY DEMAND SPLIT IN CAMBRIDGE BY USE TYPE

Energy Demand (MMBTU)



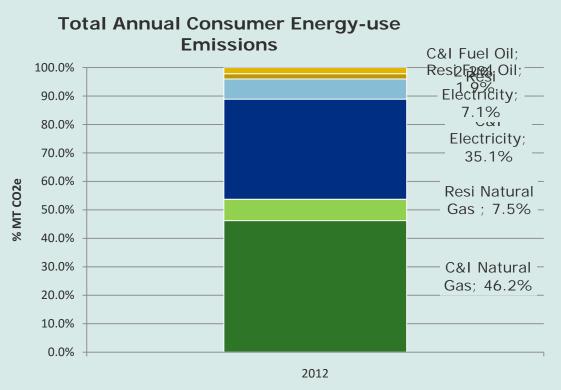


Current Role of Natural Gas as Fuel Source



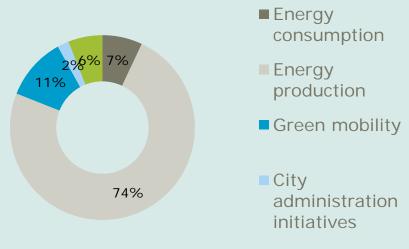
Source: ISO New England

Emissions by Consumer Category

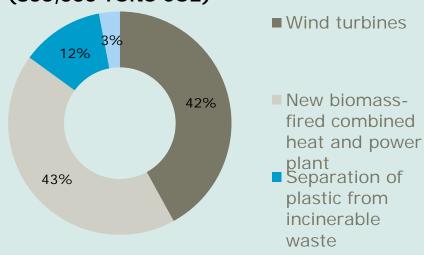


COPENHAGEN TO BE CARBON NEUTRAL BY 2025

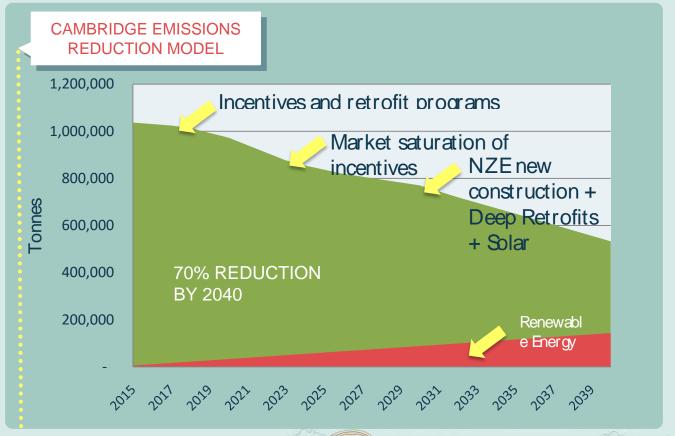




CO2 REDUCTION FROM ENERGY PRODUCTION (855,000 TONS CO2)

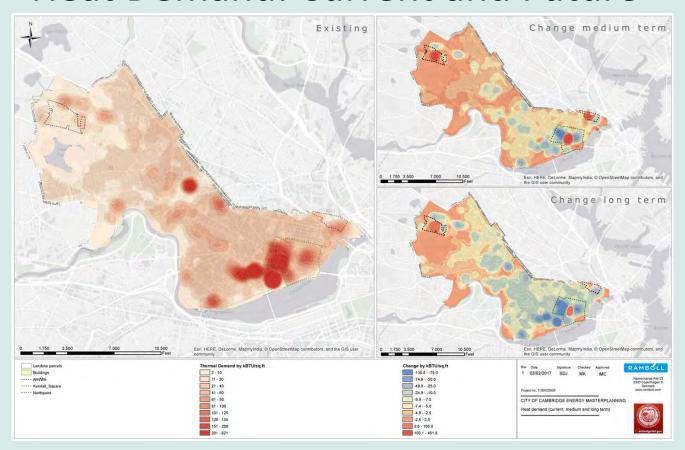




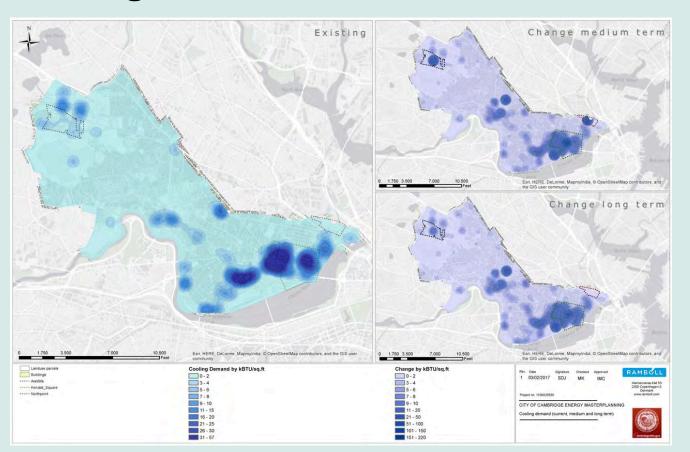




Heat Demand: Current and Future



Cooling Demand: Current and Future



Cambridge Energy Supply Asset Map



Potential New Thermal Energy Sources









Potential New Thermal Energy Sources









Clean Electricity - Solar







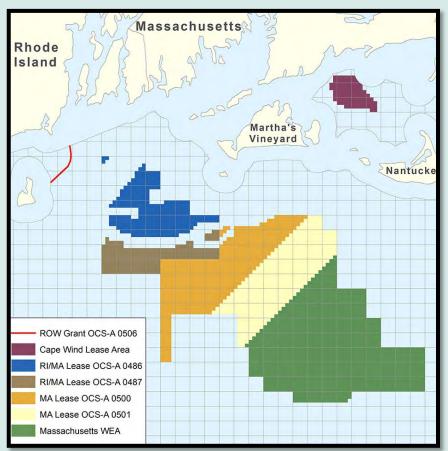
MA Energy Portfolio Requirements



■ RPS Classes I and II

Source: MA DOER

Clean Electricity - Wind





Source: Bureau of Ocean Energy Management

Land Use Planning Implications





Central Square District FAR = 2.20

Benchmark neighborhoods	Estimated average FAR
Central Square, Cambridge	2.20 1
North Point, Cambridge	2.66 ²
Assembly Row, Somerville	2.90 ³

Source: 1 City of Cambridge 2015 Tax Assessor and Parcel Data, 2 Request for

http://bostinno.streetwise.co/2014/11/21/ what-is-assembly-row-somerville/

Special Permit Amendments Final

- Retail (Mixed-use)
- Commercial
 - Residential
- New Bicycle/Pedestrian Connections
- Bicycle Lanes
 - Open Space

Mixed-use Residential: Ground-floor Program Draft Alewife Scenarios

Measures of Success

- Will match energy demand profile/consumption in 2050
- Maximizes locally sourced energy production
- Business case can be made
- Sustainable and equitable
- Study to be completed by fall 2017