The Seattle 2030 District



The Rise of a District

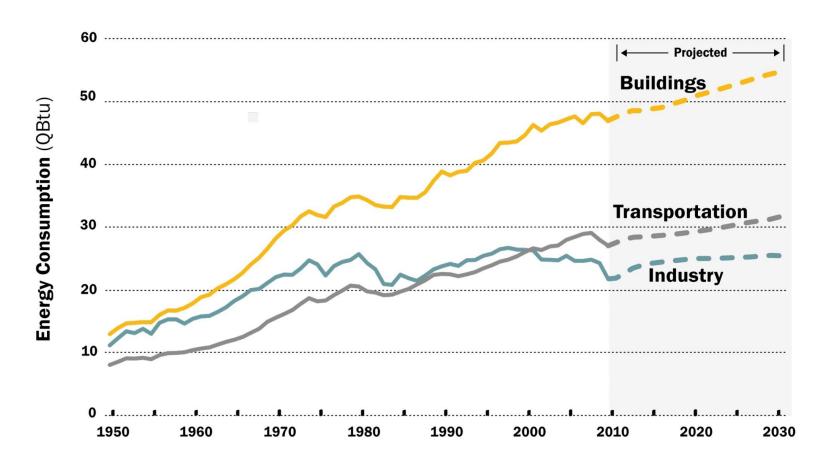
Matthew Combe

Program Director



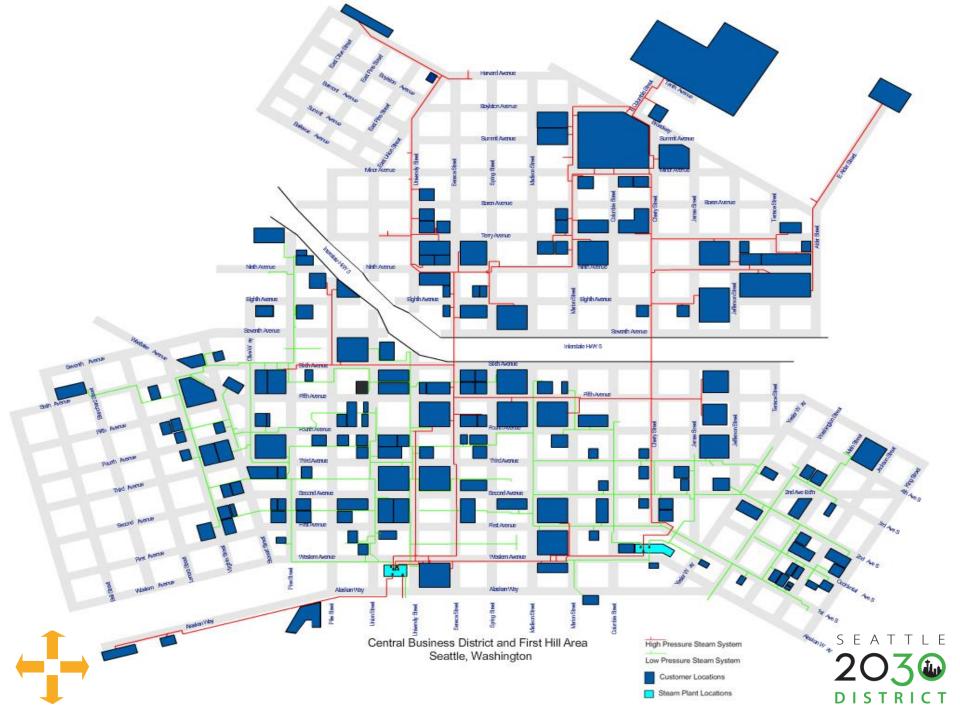


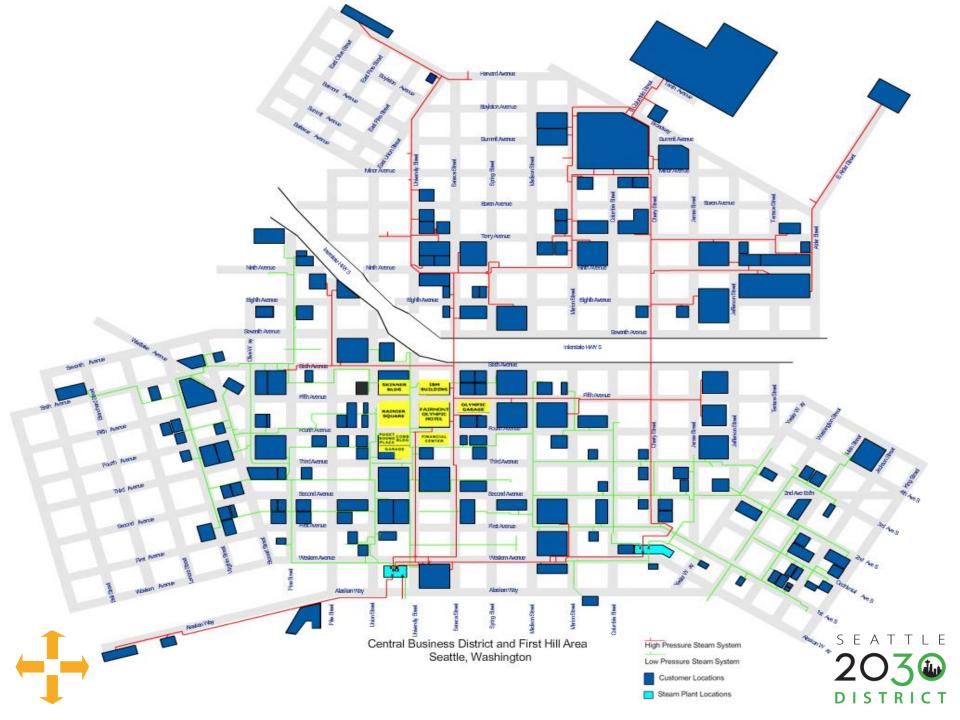
The National Context

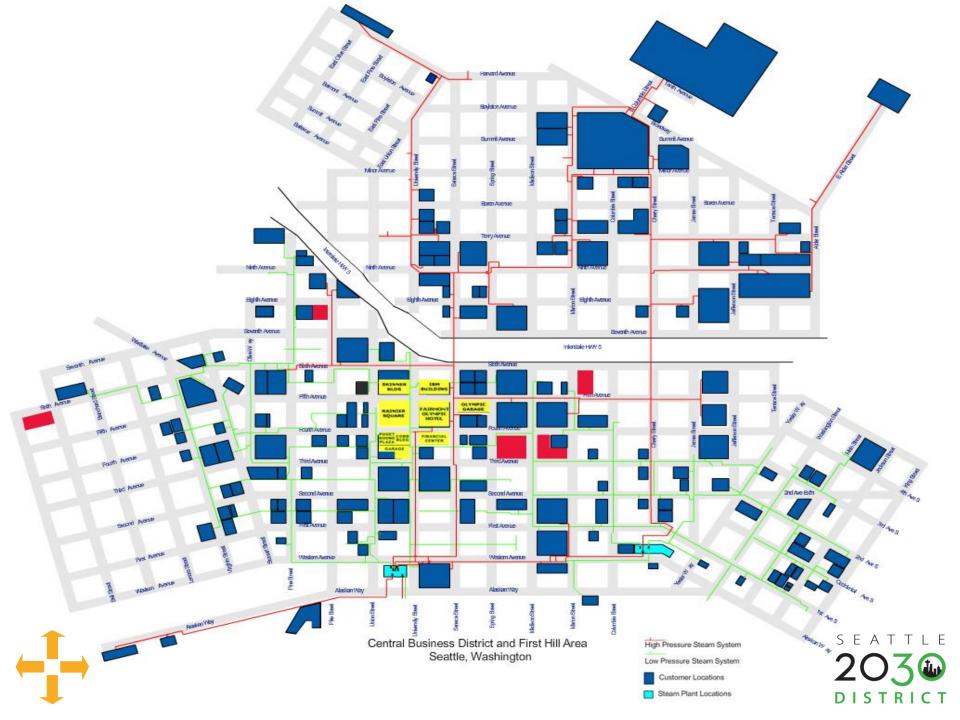


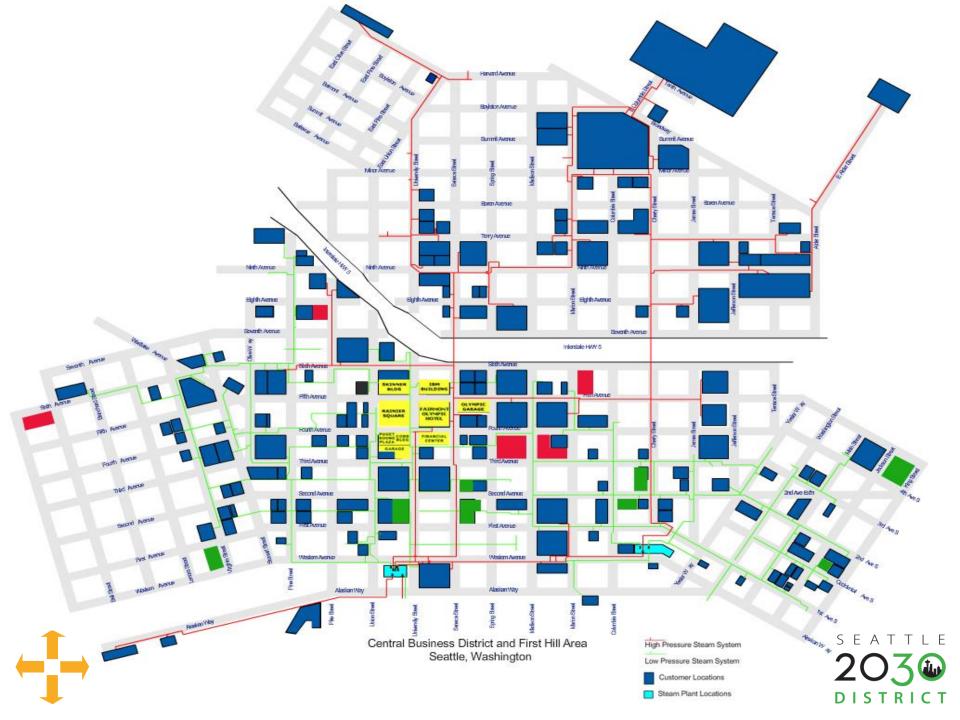
U.S. Energy Consumption by Sector (Historic / Projected)

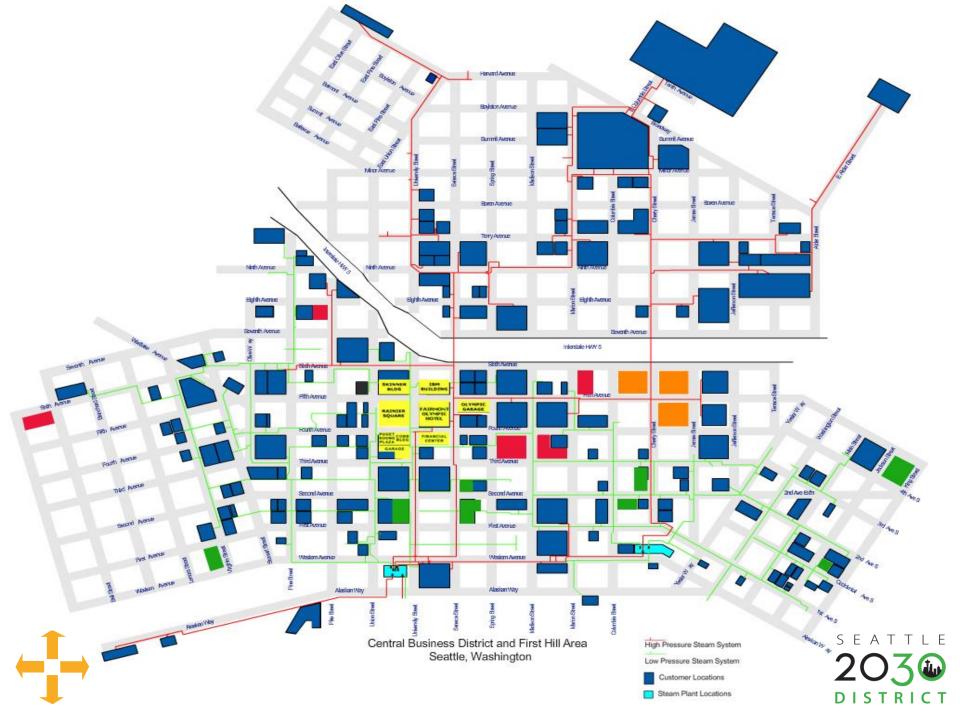


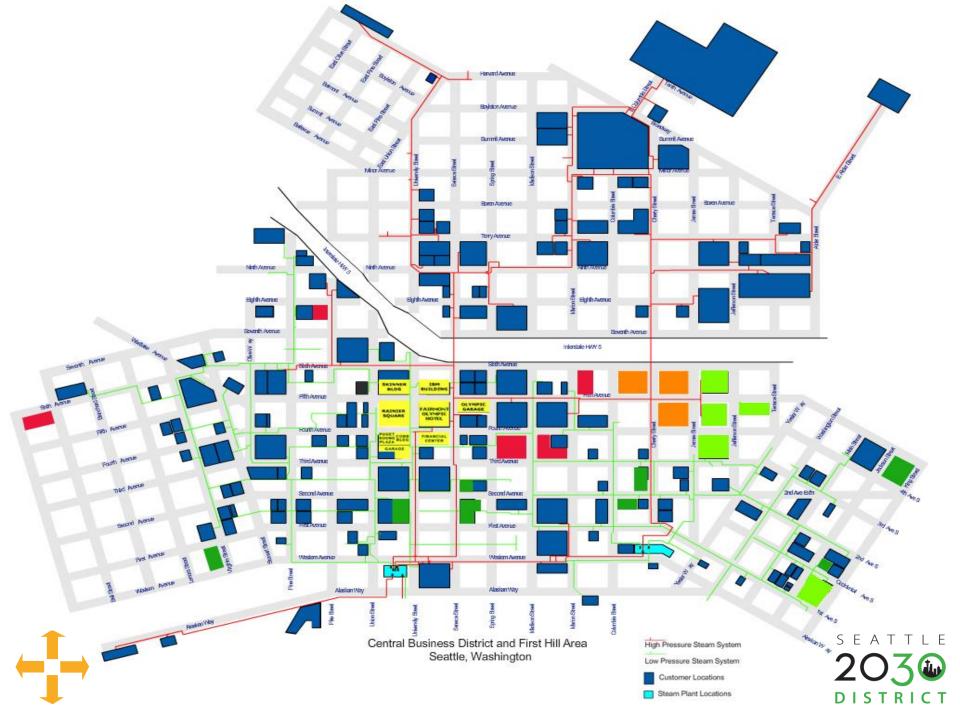


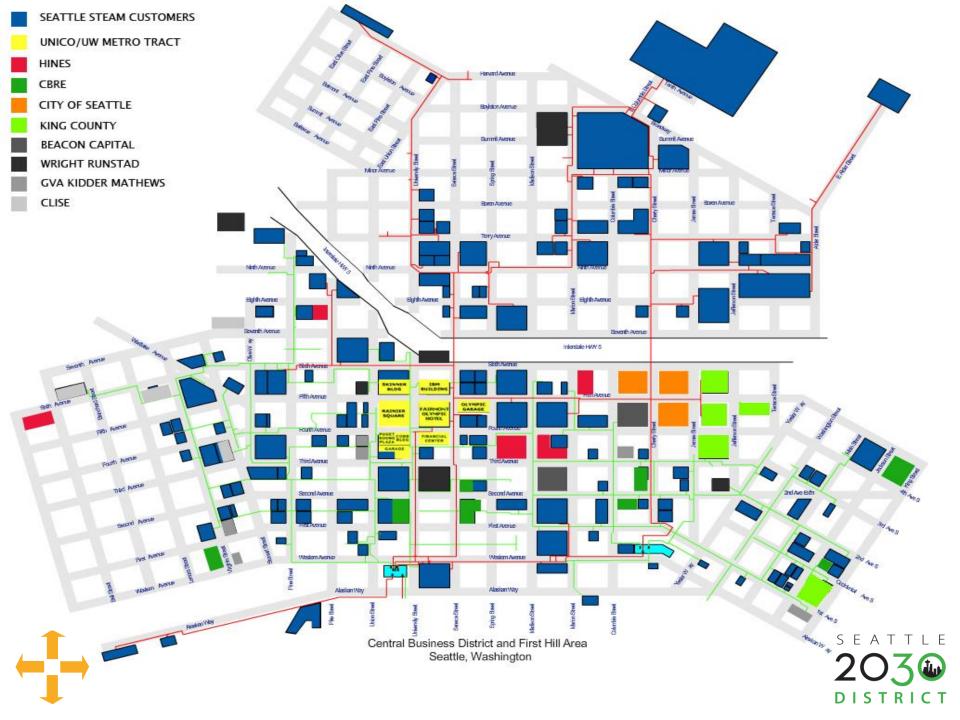




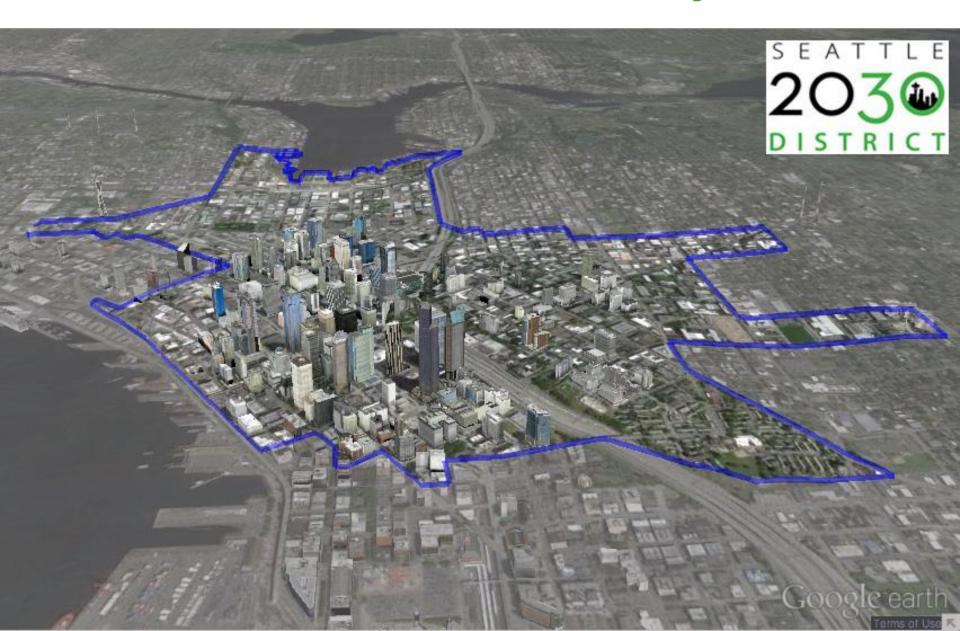




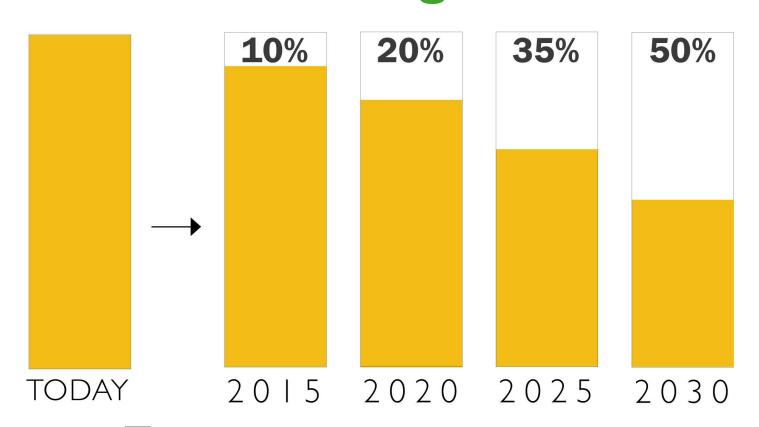




Current Boundary



Performance Targets – Existing Buildings



- Energy, Water, and CO2 from Transportation Reduction
- Energy, Water, and CO2 from Transportation Consumption

The 2030 Challenge for Planning: Existing Buildings

203 DISTRICT

Performance Targets





National EUI compared to actual EUI







Regional Baseline

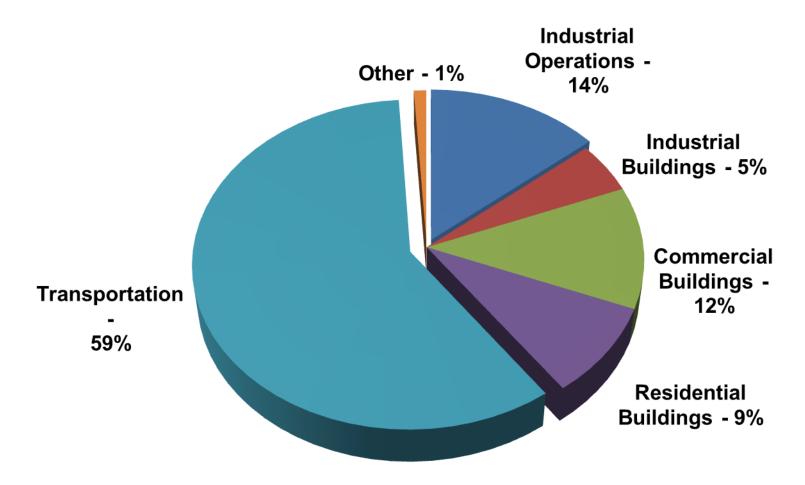




Regional Baseline



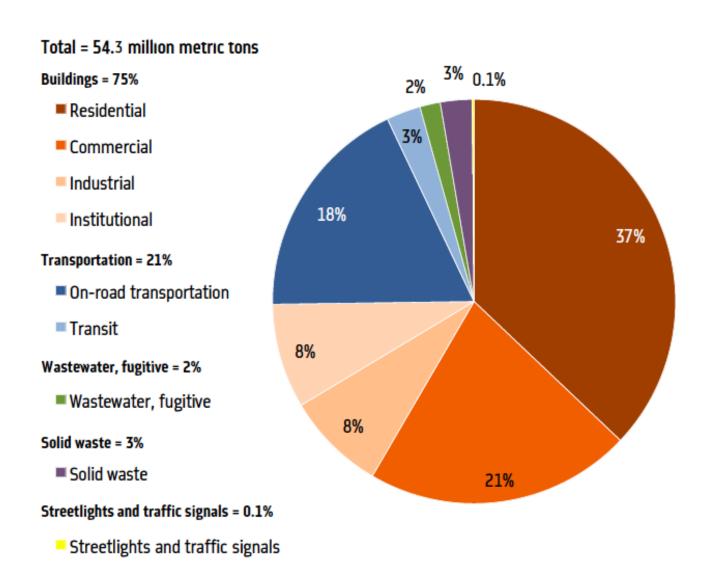
Seattle's GHG Inventory





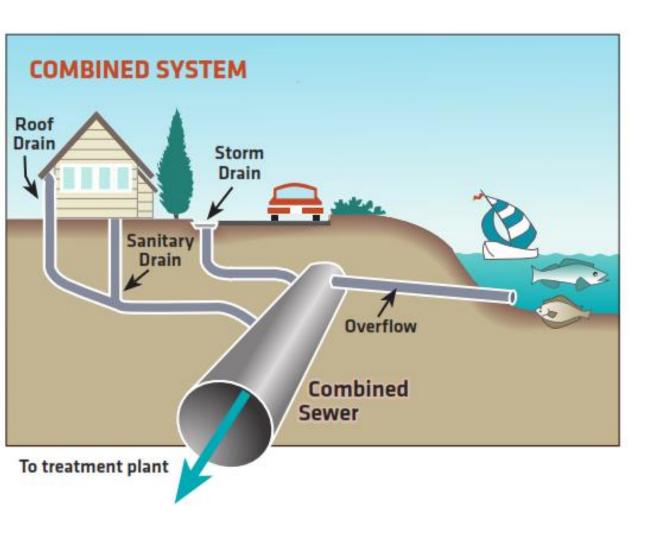
New York's GHG Inventory

2010 Citywide CO₂e Emissions by Sector





Water: A Deeper Dive



- Seattle, 2012:
 - 355 Events
 - 154 MG of sewage into our waterways



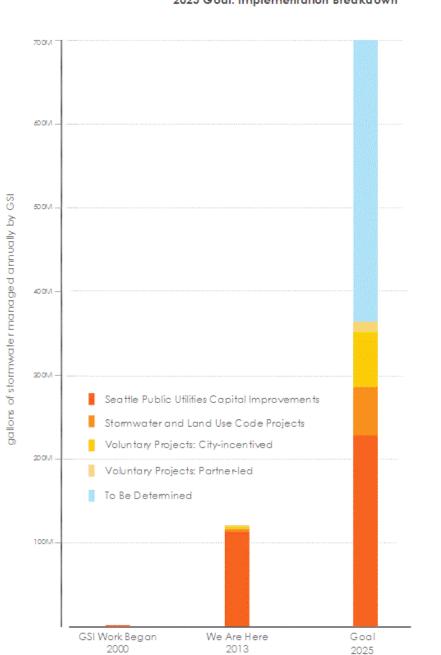
Green Stormwater Infrastructure 2025 Goal: Implementation Breakdown





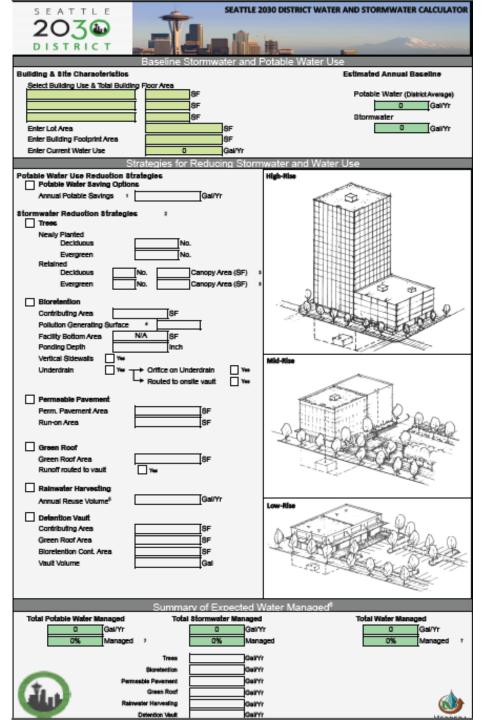






Aggressive **GSI** Goals





The 2030 Water and Storm Water Calculator



Progress

144 Buildings





Progress

35% of the Total Square Footage





Aggregated Performance Shared Buildings

23% Reduction in Energy





Aggregated Performance Shared Buildings

7.5%
Reduction in
Water





Aggregated Performance Shared Buildings

5.4%
Reduction in
Transportation
Emissions





Aggregated Performance Total District

9% Reduction in Energy





Aggregated Performance Total District

2.5%
Reduction in
Water





Aggregated Performance Total District

8.6%
Reduction in
Transportation
Emissions





Benefits For Building Owners, Managers and Developers



Utilize special Financing programs



Improve competitive positioning



Access exclusive incentives, discounts & programs



Receive comparative analysis reports







Building Assessment

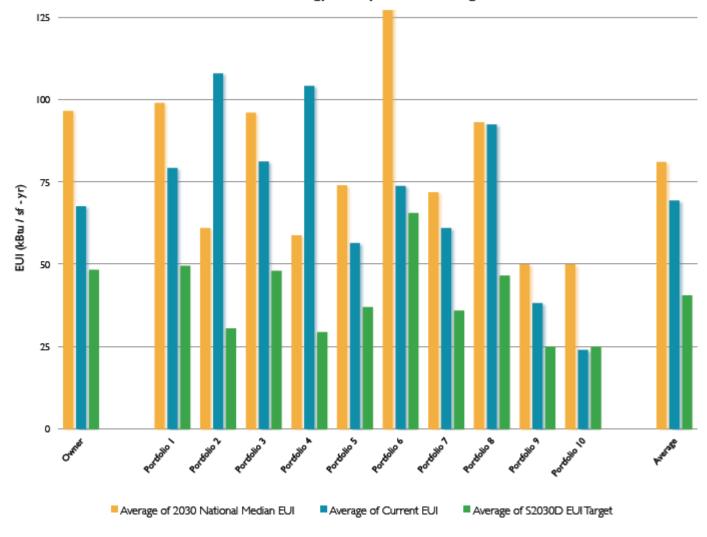






Portfolio Comparisons

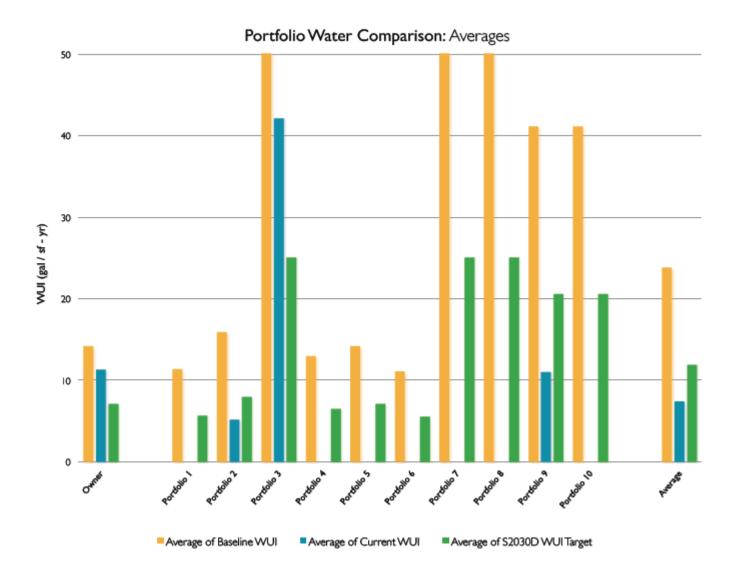








Portfolio Comparisons







Portfolio Progress Report

Portfolio Progress Report

ENERGY

% EUI Reduction (from Baseline)

30%

% EUI Reduction / Year Necessary to Reach 2015 Target (10%) 0%

WATER

% WUI Reduction (from Baseline)

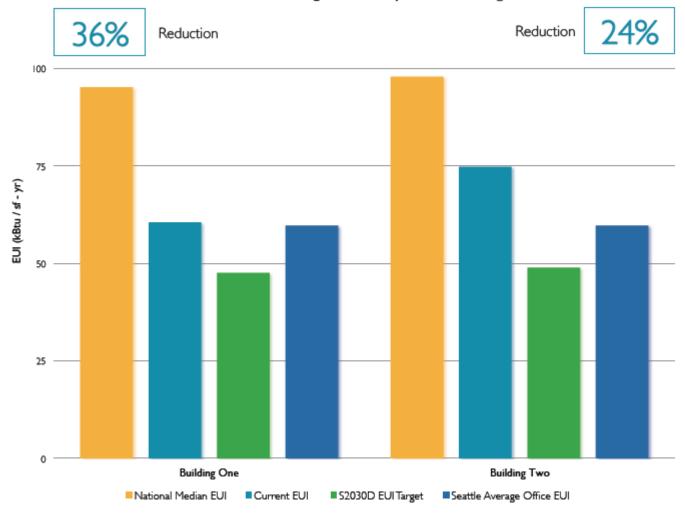
20%

% EUI Reduction / Year Necessary to Reach 2015 Target (10%) 0%





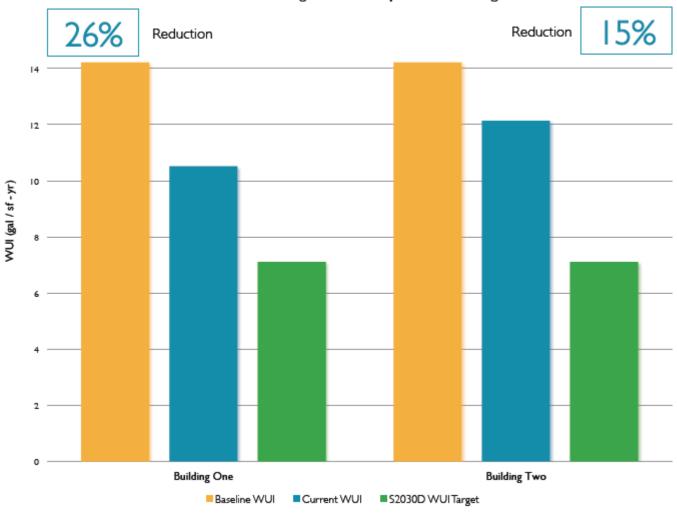












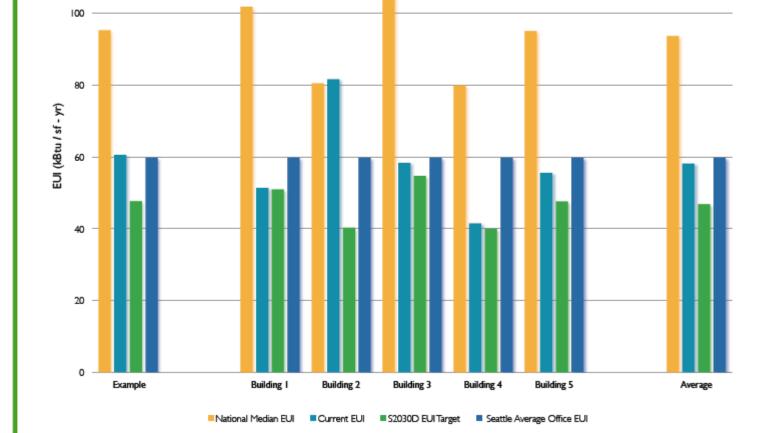






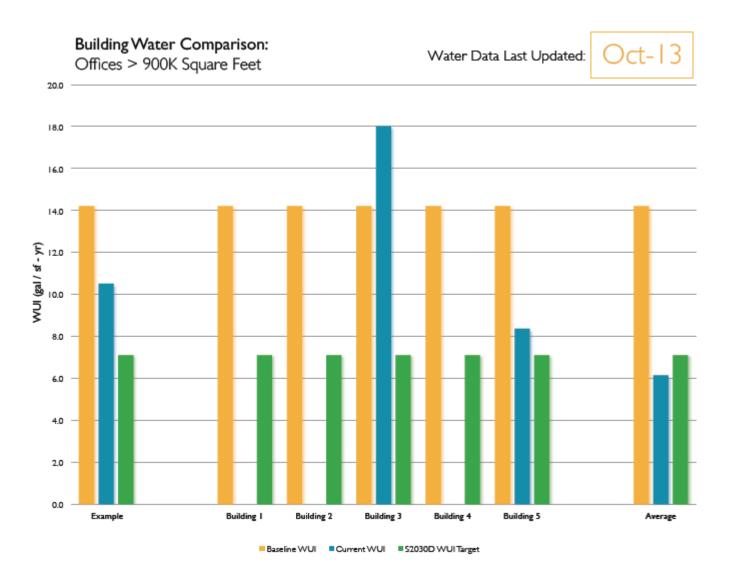
120

Energy Data Last Updated: Nov- 2



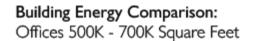








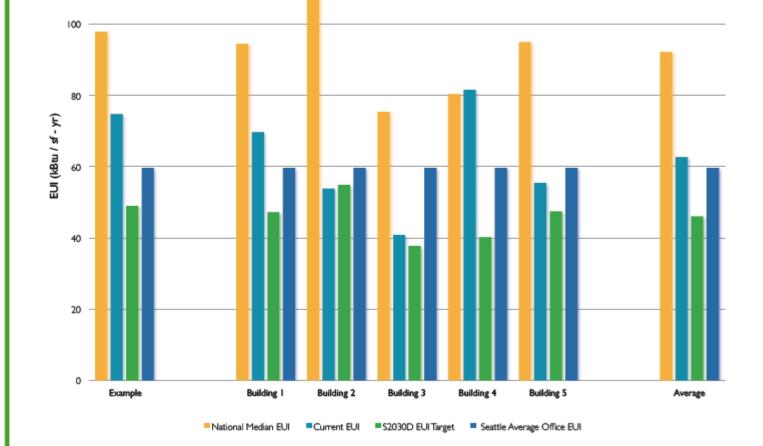




120

Energy Data Last Updated:

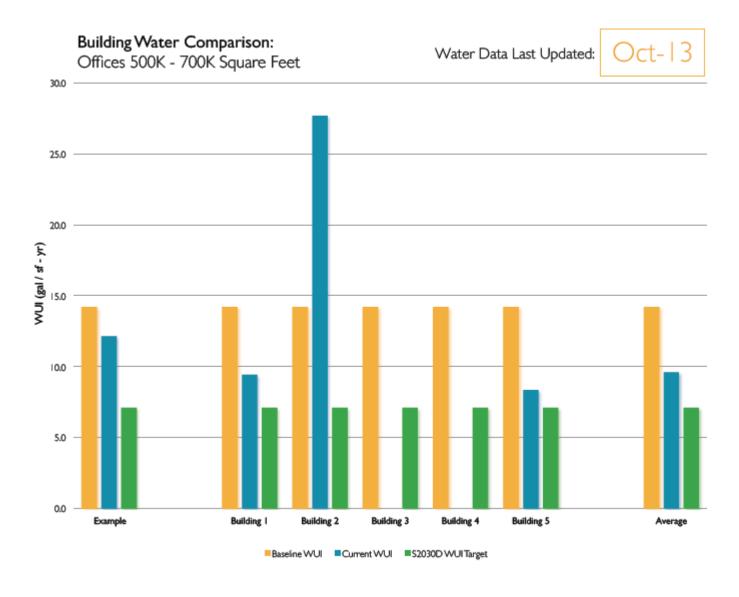
Nov-12







Property Comparisons

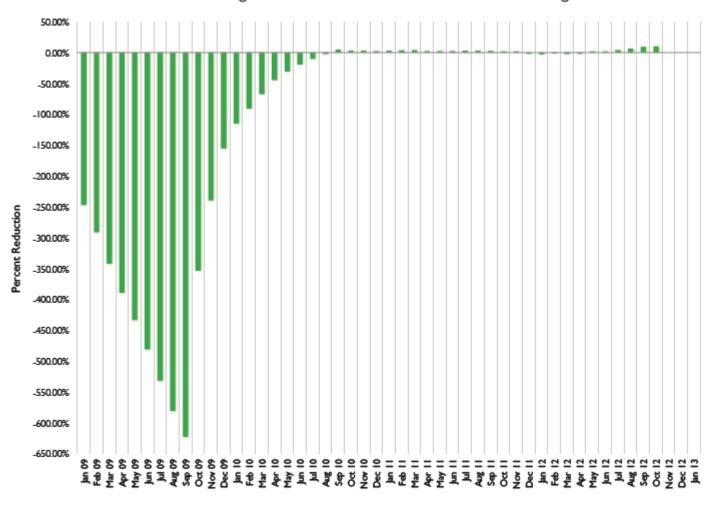






Portfolio Analysis

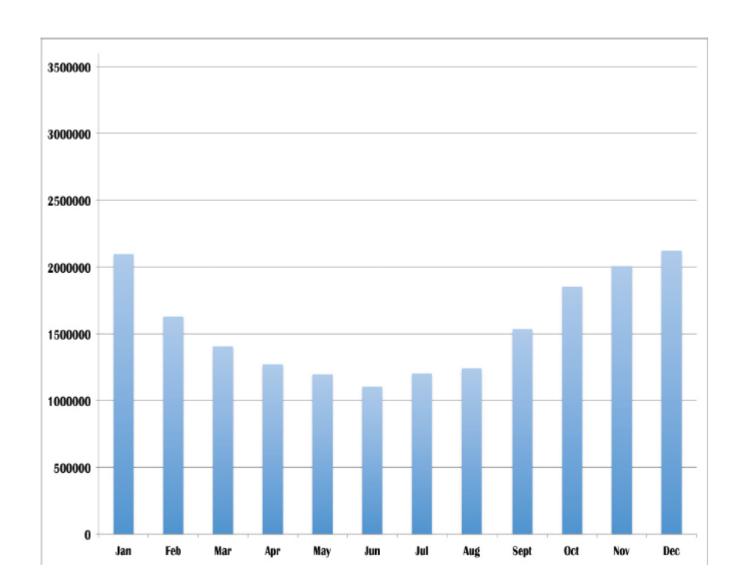
Portfolio Buildings % EUI Reduction from Previous Year: Average





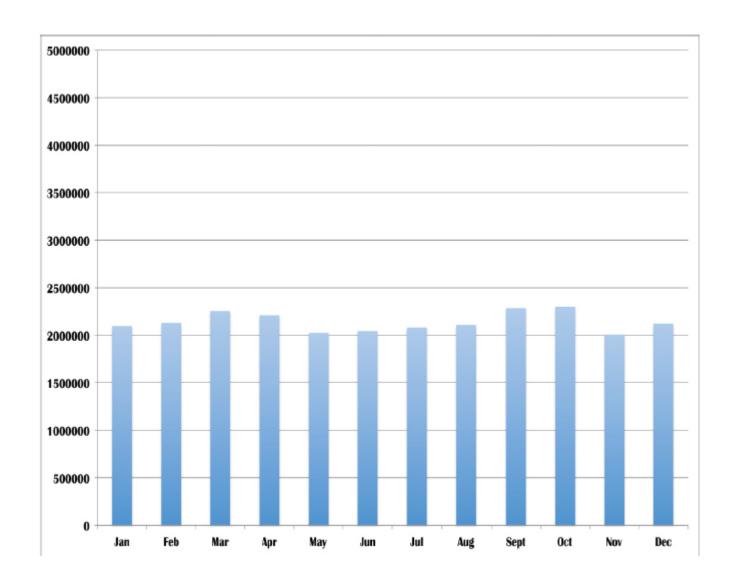
^{*} Only represents performance of buildings with data for the performance period





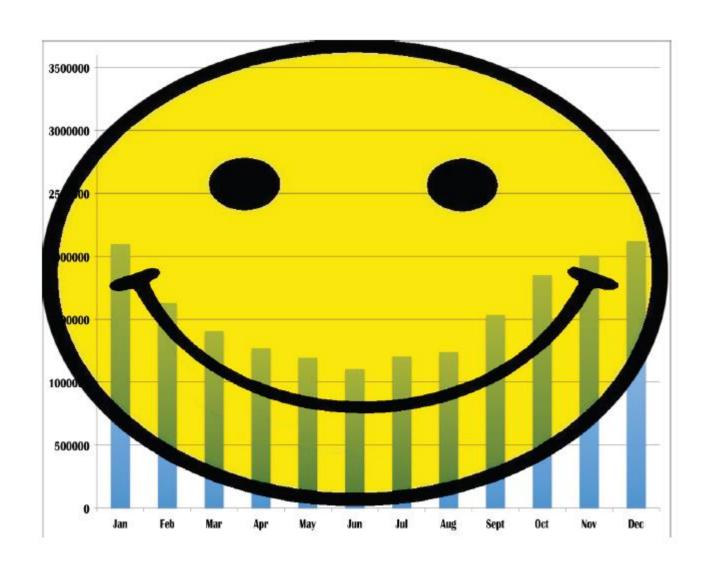






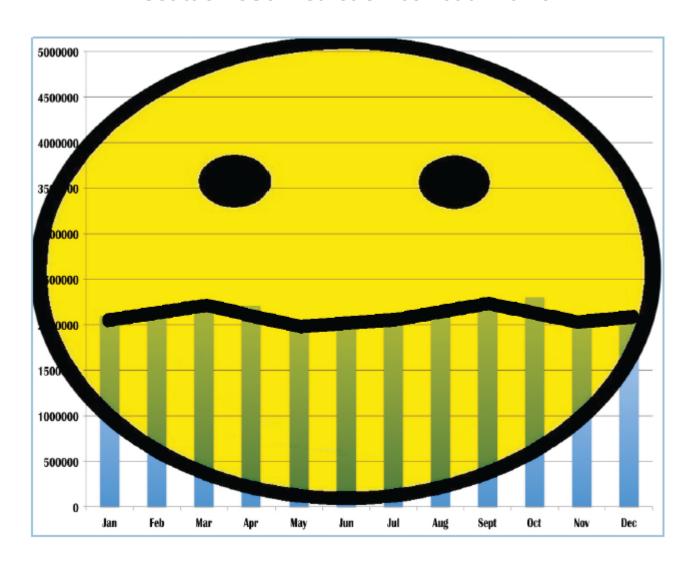
















Access Exclusive Incentives, Discounts & Programs

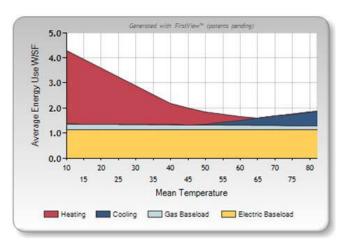


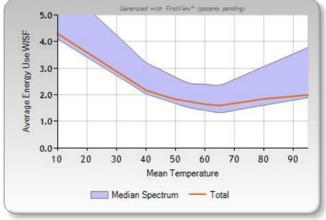




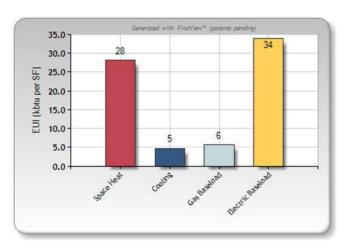


FirstViewTM Reports





Energy Consumption By End Use PEER Building Comparison



EUI by End Use

FirstView Diagnostics

FirstView Category	Status
Occupant Load:	Typical
Heating and Ventilation	Good
Cooling Efficiency:	Good
Controls:	Moderate Inefficiencies
Reheat:	Unlikely
Gas Baseload:	High
Data Consistency:	Orderly





Microsoft[®]

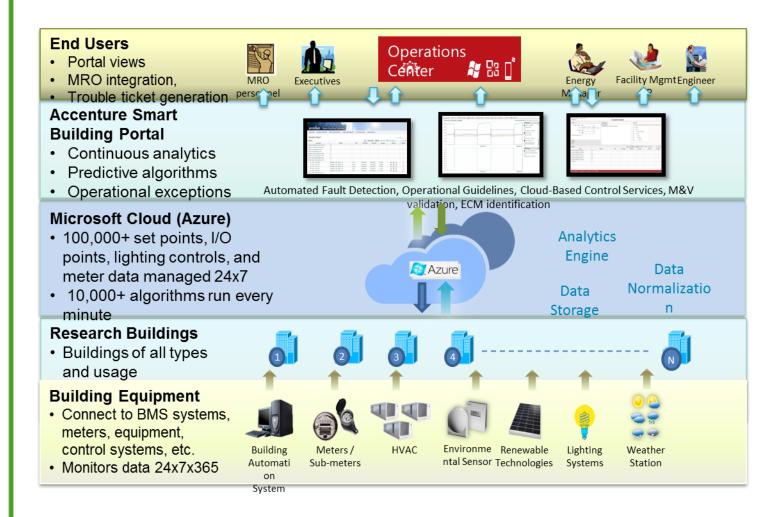
accenture







Smart Building and Energy Solutions







Microsoft[®]





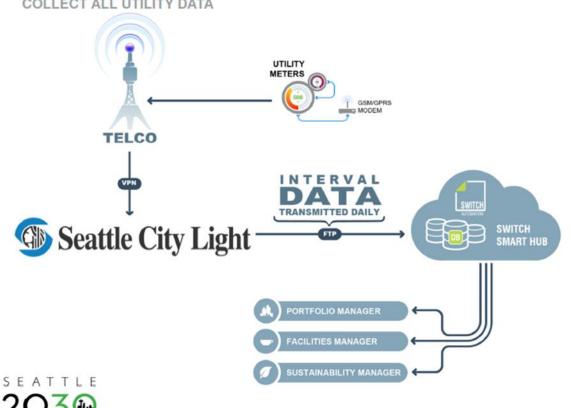


DISTRICT

Switch Automation











Switch Automation



Microsoft[®]





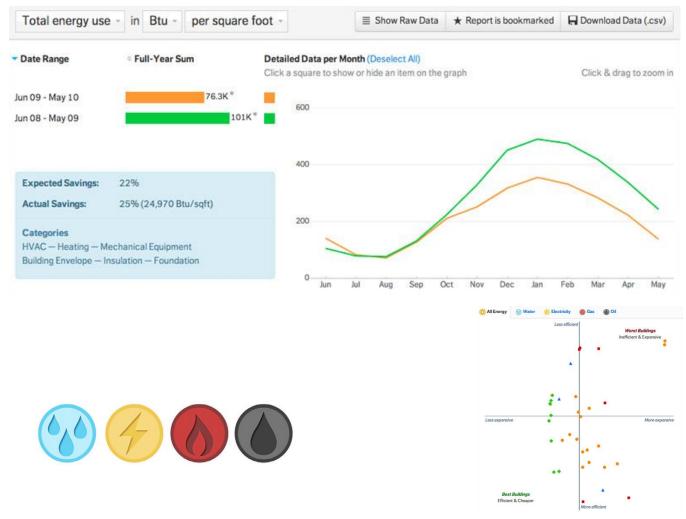






wegowise

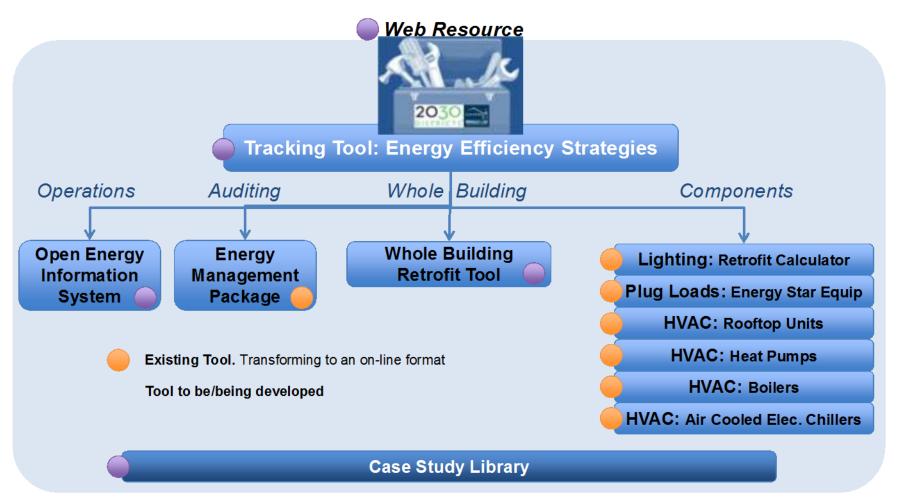
Wegowise Pro







Small Commercial Toolkit







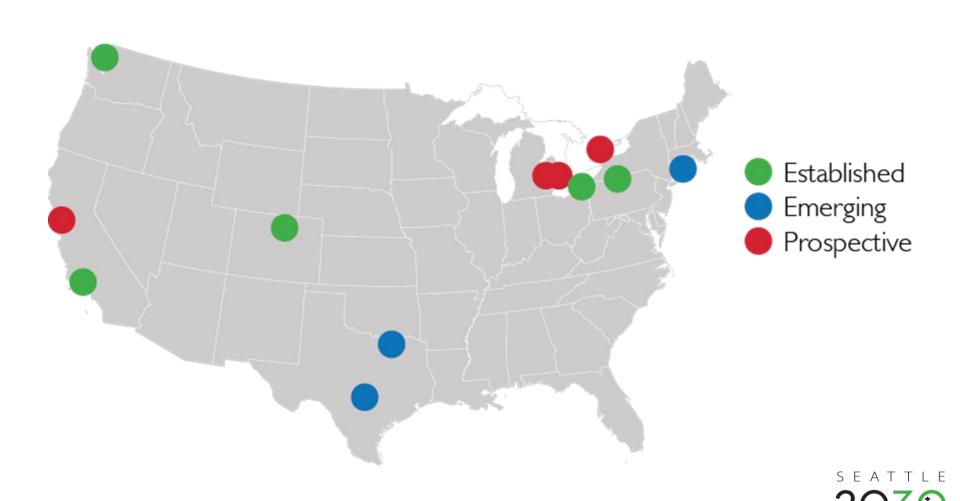


Seattle 2030 & Nissan Partnership





2030 Districts Network



2030 Districts Network

203 DISTRICT

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More information

- For more information please visit our website at:
 - 2030districts.org/Seattle
- Follow us on Twitter @SEA2030
- matthewcombe@seattle2030districts.org



Thank you!



