

2030 Districts

Putting Ideas into Action

Jiexin Li, Architecture 2030

Jiri Skopek, 2030 Districts Network Board, Vice-Chair



Organisers:



International Co-owners:

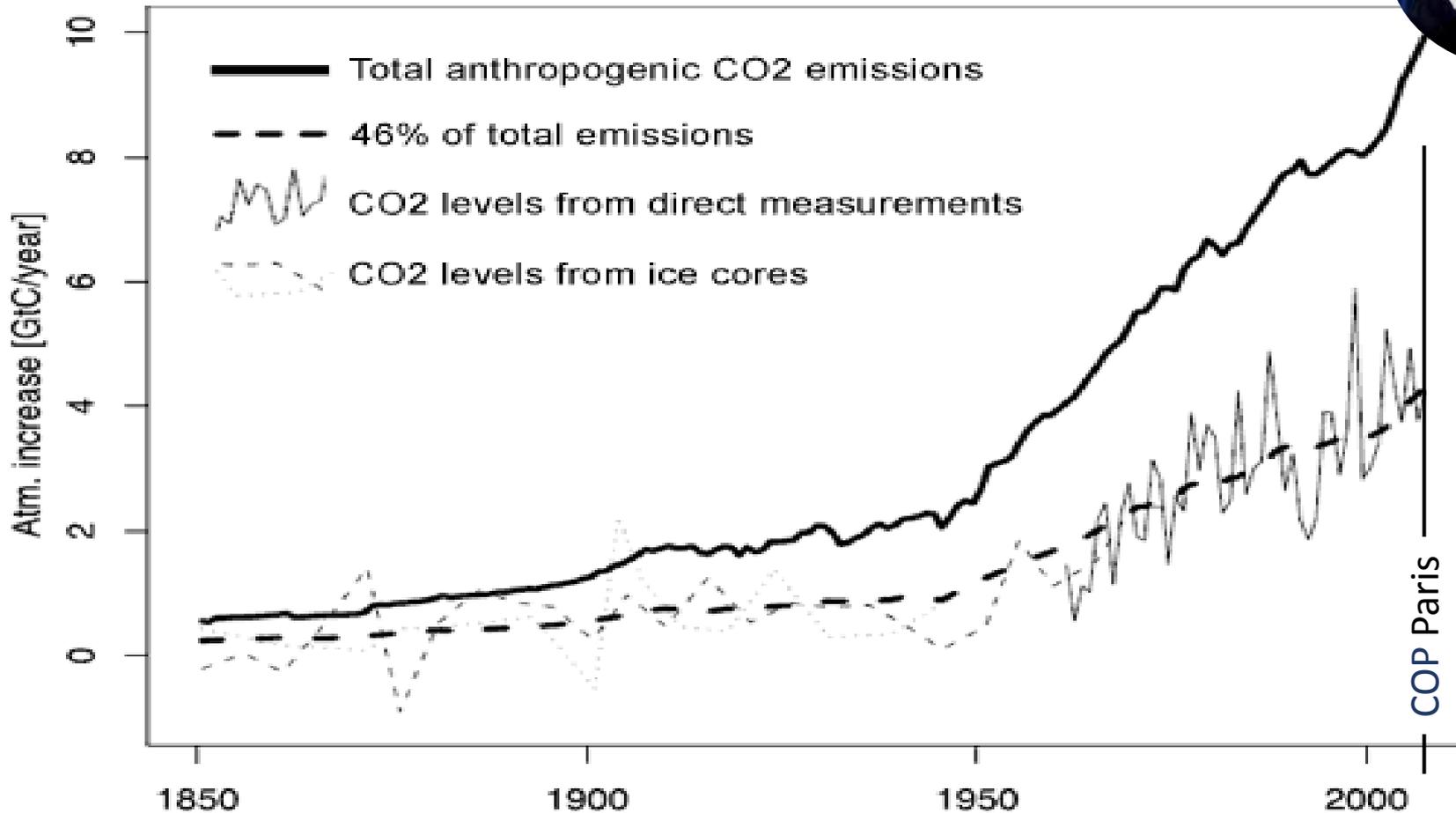


Sustainable Buildings and Climate Initiative
Promoting Policies and Practices for Sustainability



Global Alliance
for Buildings and
Construction

CO₂ Emissions



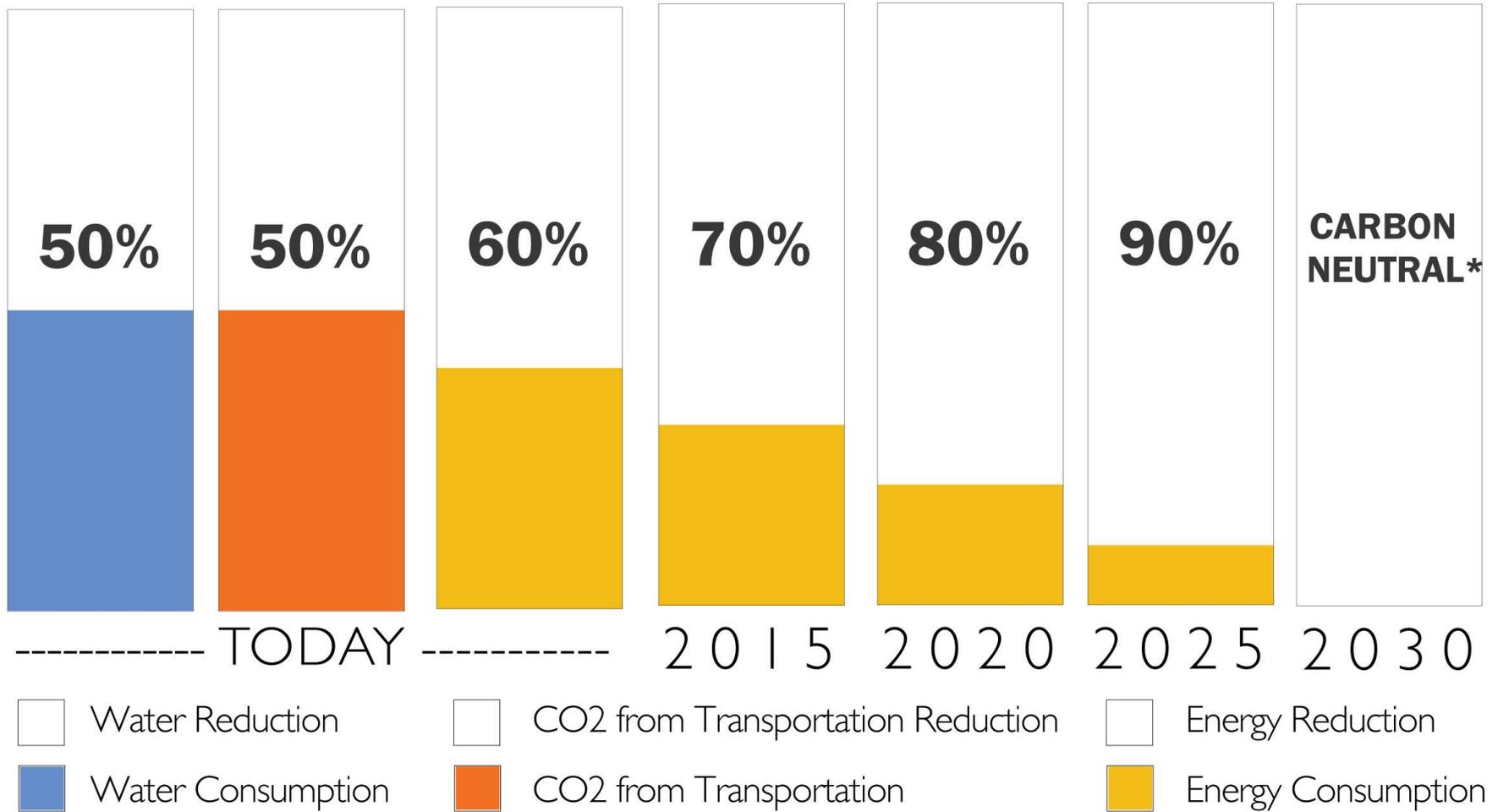
Source: <https://www.skepticalscience.com/co2-levels-airborne-fraction-increasing.htm>

Organisers:

International Co-owners:



2030 Challenge: New Construction

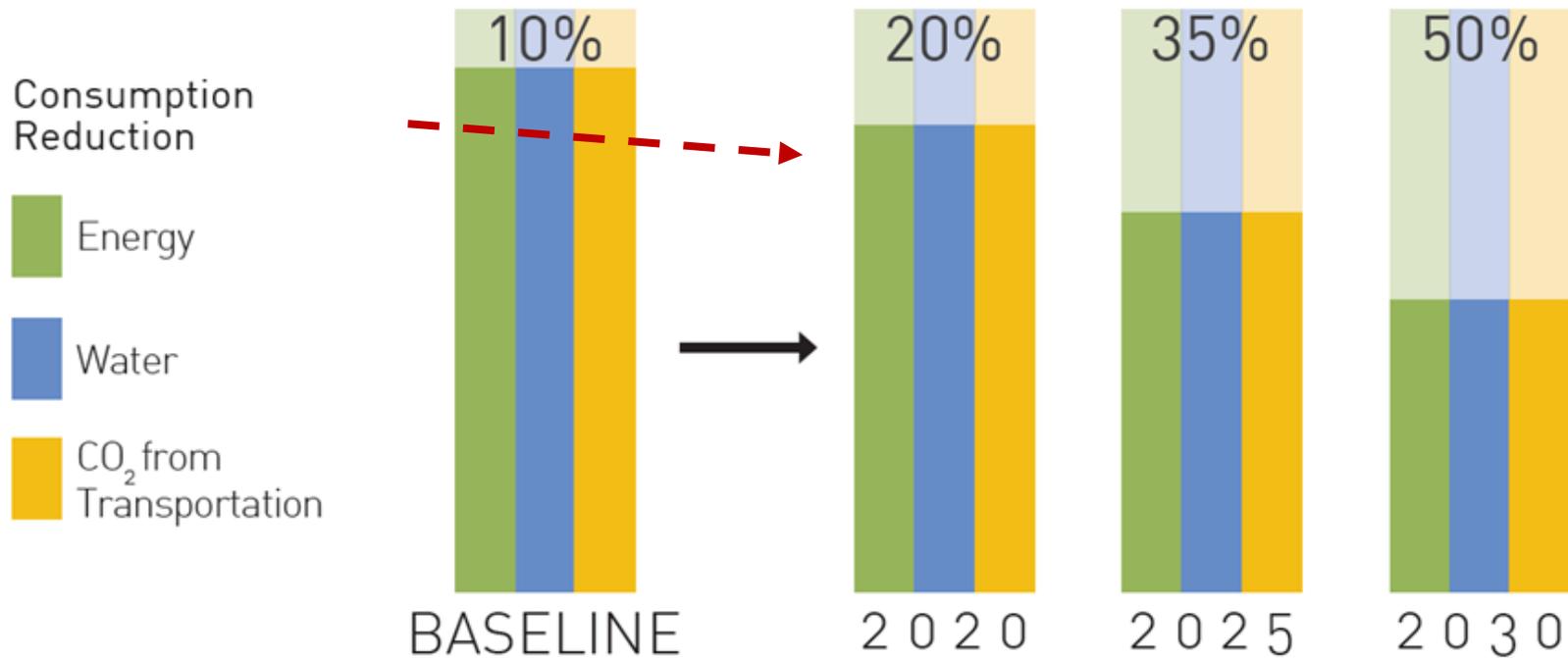


International Co-owners:



2030 Challenge: Existing Buildings

2030 CHALLENGE FOR PLANNING: EXISTING BUILDINGS



2030 Districts



Organisers:



International Co-owners:



Global Alliance for Buildings and Construction

2030 Districts: Private/Public Partnership

Property Owner /Property Manager or Developer

- Assessment of current building performance relative to 2030 District goals
- Guidance for moving towards 2030 District goals
- Training and ongoing support through educational workshops on tools and best practices
- Innovative software platforms to track and analysis performance
- In-kind member professional services and contributions, including project scoping and feasibility
- Influence on District-related policy issues, including incentives



Community Stakeholder

- Expand their reach and network to better fulfill their mission.
- Leverage and expand their programs and initiatives to reach an eager market of potential implementers.

2030 Districts: How to Start a District

Create a boundary - central business district



Organisers:

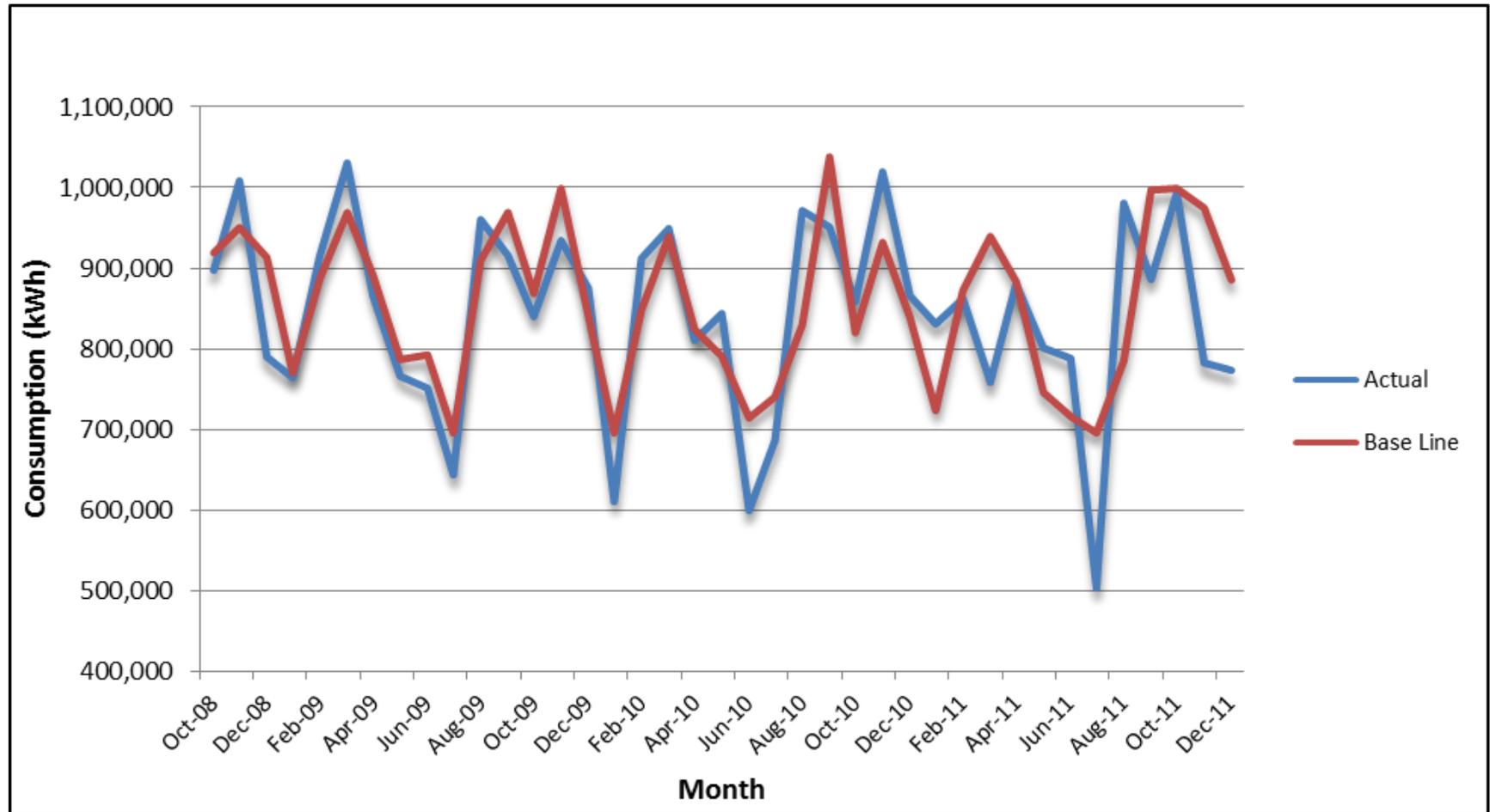


International Co-owners:



2030 Districts: How to Start a District

Establish a baseline



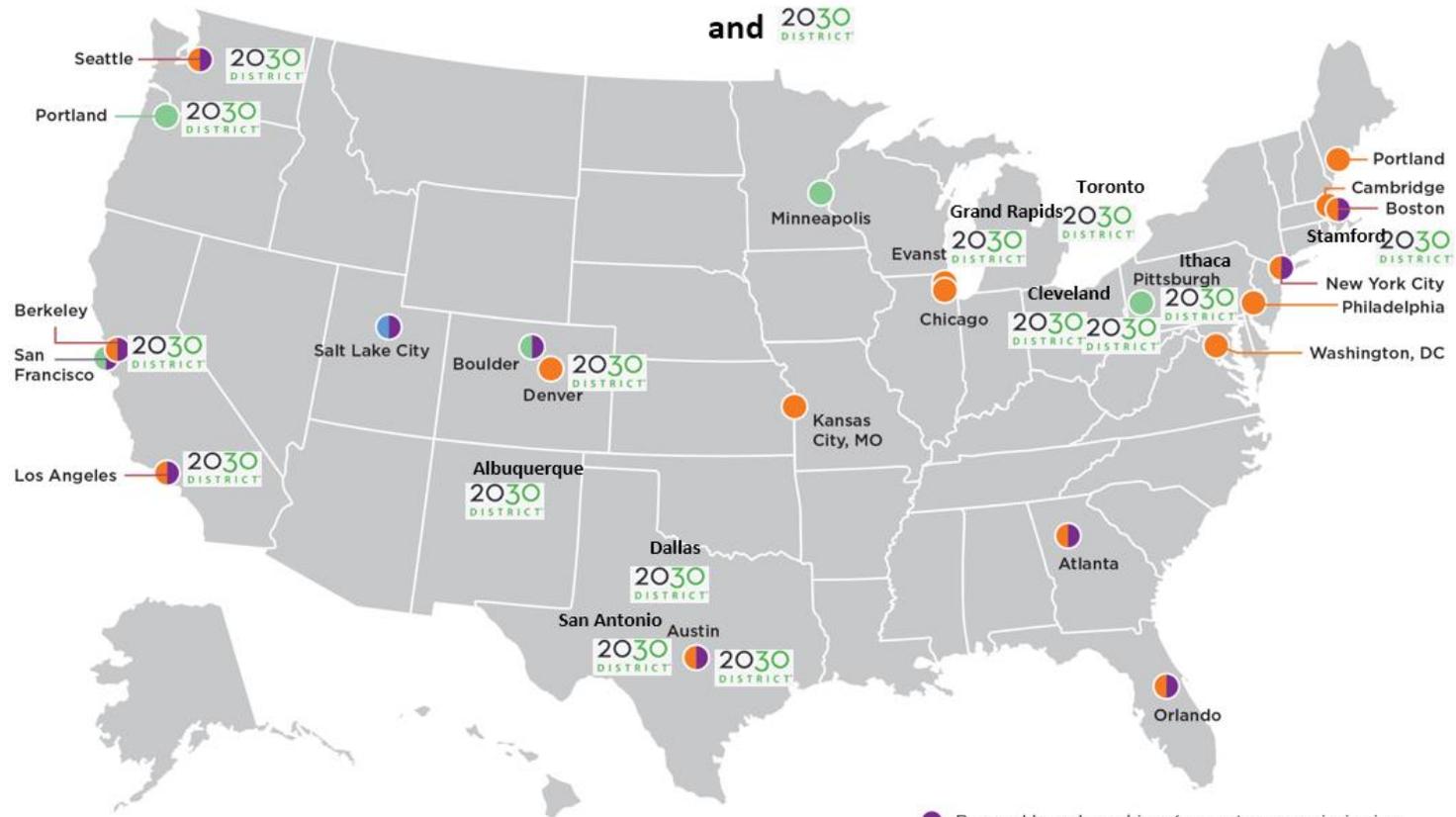
2030 Districts: How to Start a District

Require buildings to track their resource use



Benchmarking and 2030 Districts

U.S. City Policies: Building Benchmarking, Transparency, and Beyond



Building Rating

SHARING TRANSPARENCY FOR A MORE EFFICIENT FUTURE



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Organisers:



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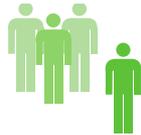
WORLD Sustainable Built Environment Conference

2030 Districts: Members Benefits

For Building Owners, Managers and Developers.....



Utilize special financing programs



Improve competitive positioning



Comparative analysis reports



Access exclusive incentives, discounts & programs

For Professional Stakeholders.....



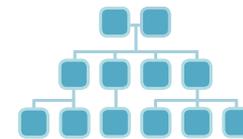
Bring the cutting edge of building performance to customers



Interact with market-leading clientele



Get recognized



Connect to new ideas and education opportunities

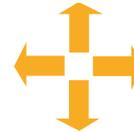
For Community Stakeholders.....



Extend your organization's influence



Connect with building owners/operators and like minded organizations



Expand outreach



Thought Leadership and Market Trends



Organisers:



International Co-owners:



2030 Districts: Resources

Education, access to information, access to products

Efficiency Road Map-
technical meetings



Energy Monitoring
IntelliCommand, Wegowise



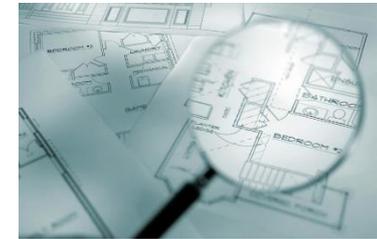
Advocacy
Car2Go



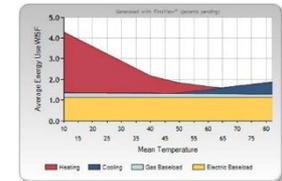
Community Power Works
Rebates and Financing



Facility Audits
Small Commercial Toolkit



FirstView™
Reports



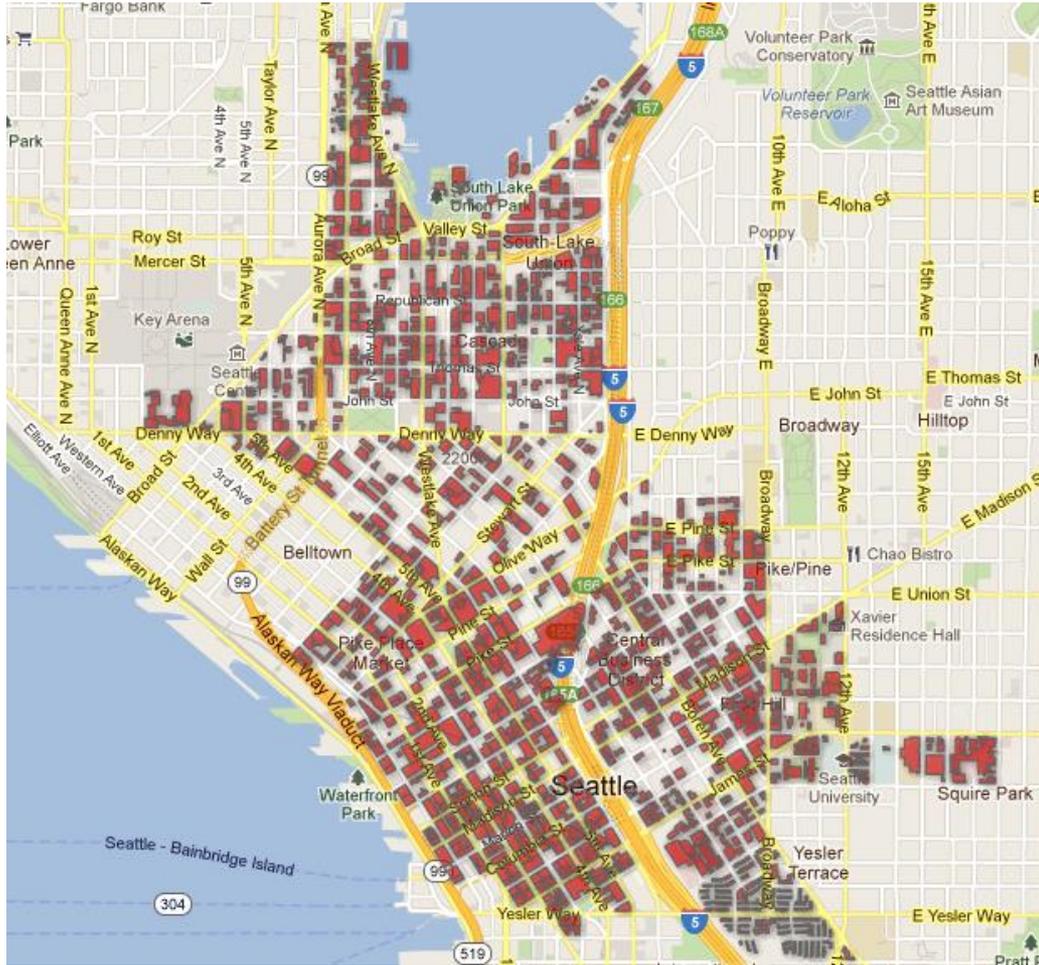
Organisers:



International Co-owners:



Seattle 2030 District



TITLE
30
RICT

45 million Square Feet



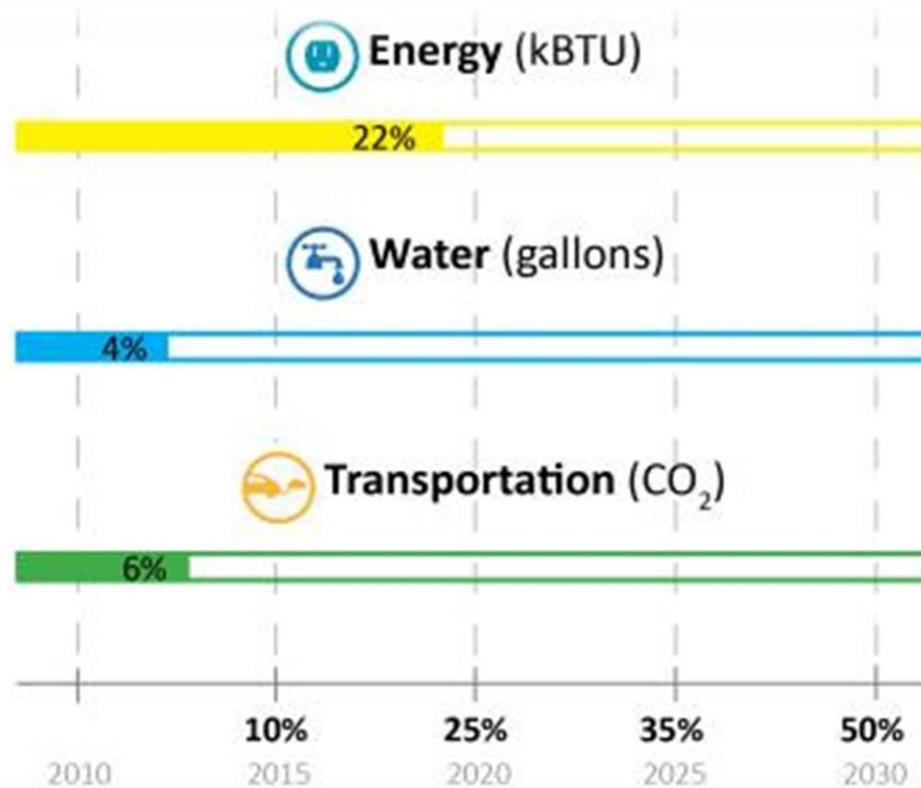
Organisers:



International Co-owners:

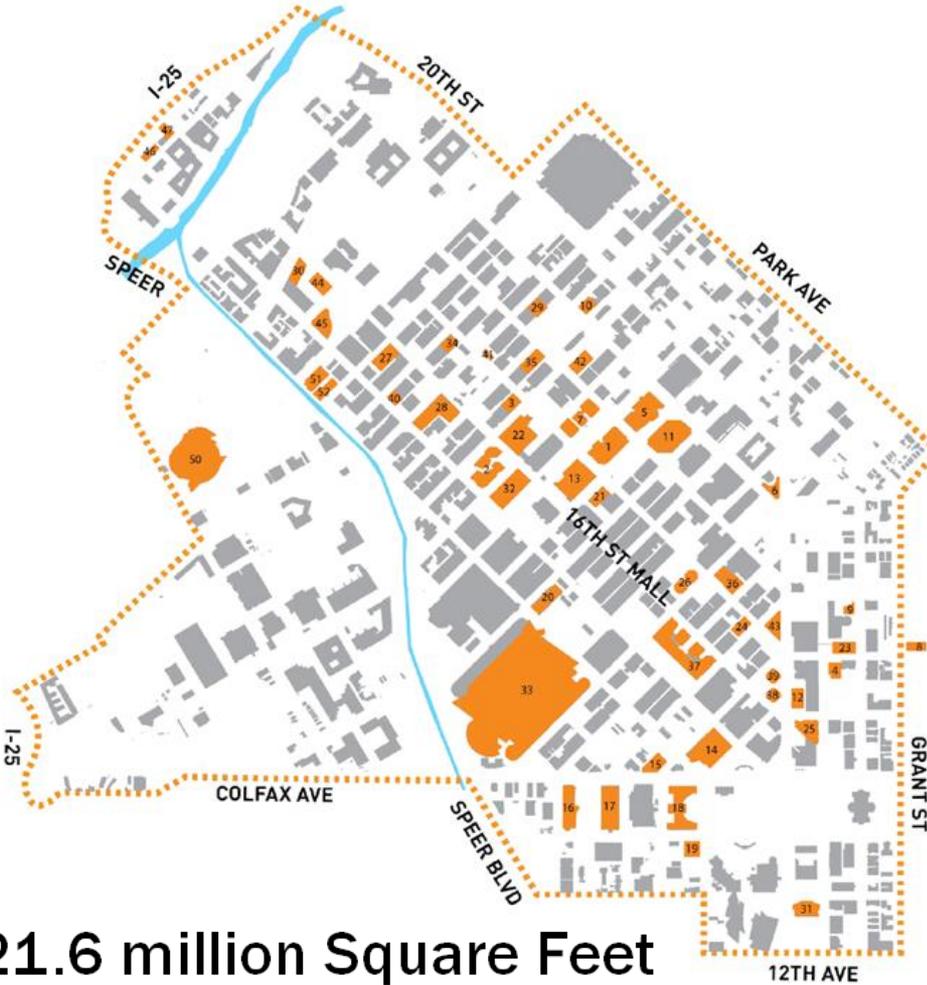


Seattle 2030 District progress against baseline

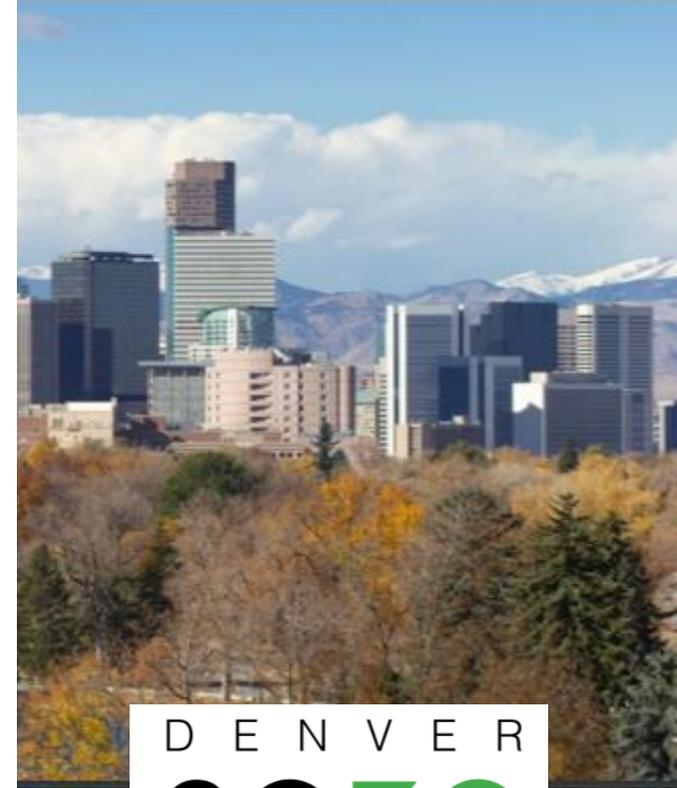


Shared Buildings
Reductions
July 2015

Denver 2030 District



21.6 million Square Feet



D E N V E R
2030
 DISTRICT



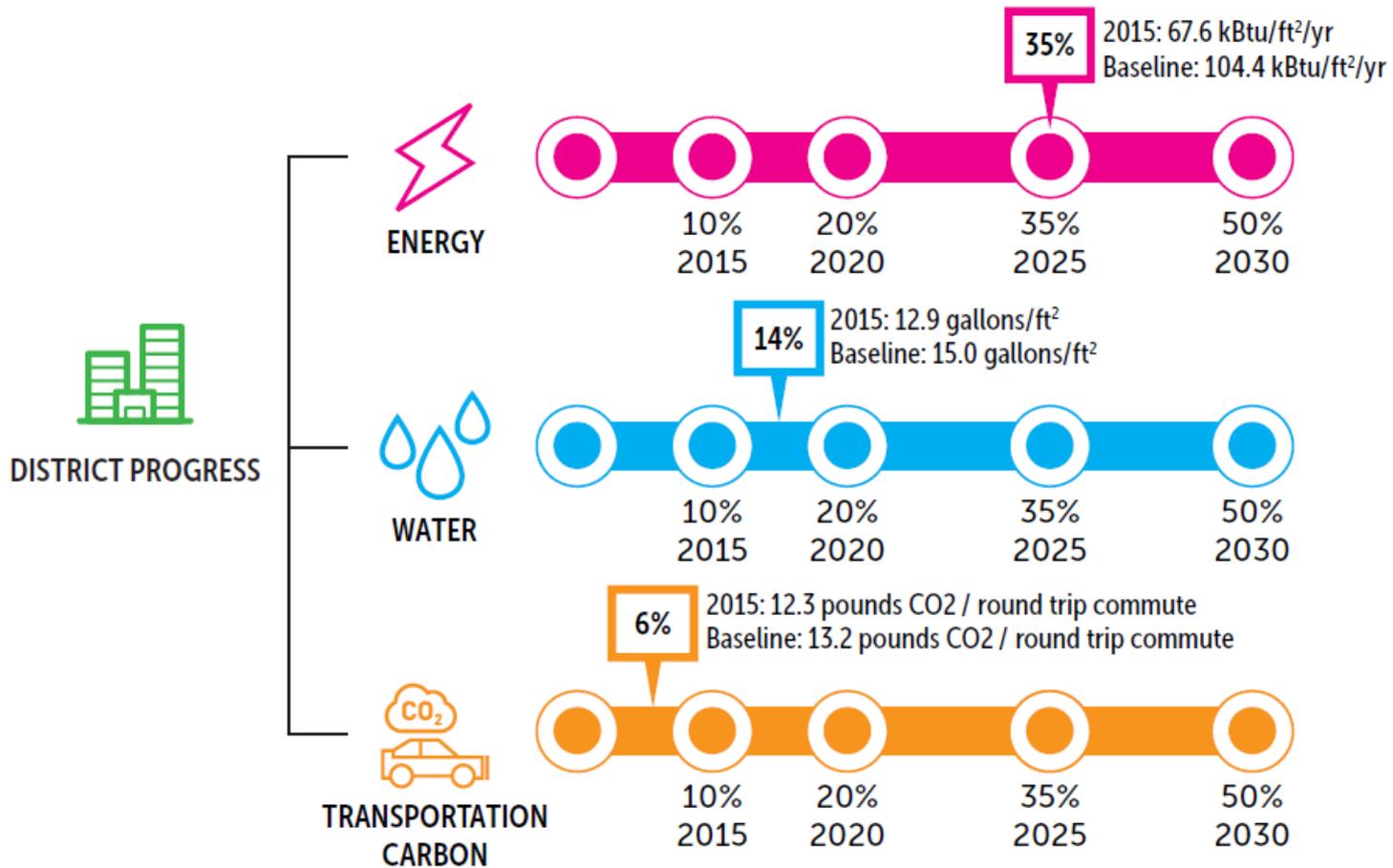
Organisers:



International Co-owners:



Denver 2030 District



2015 PROGRESS TOWARD DISTRICT GOALS



Organisers:



International Co-owners:



Pittsburgh 2030 District

Pitt

Alliance



PITTSBURGH
2030
DISTRICT

76 million Square Feet



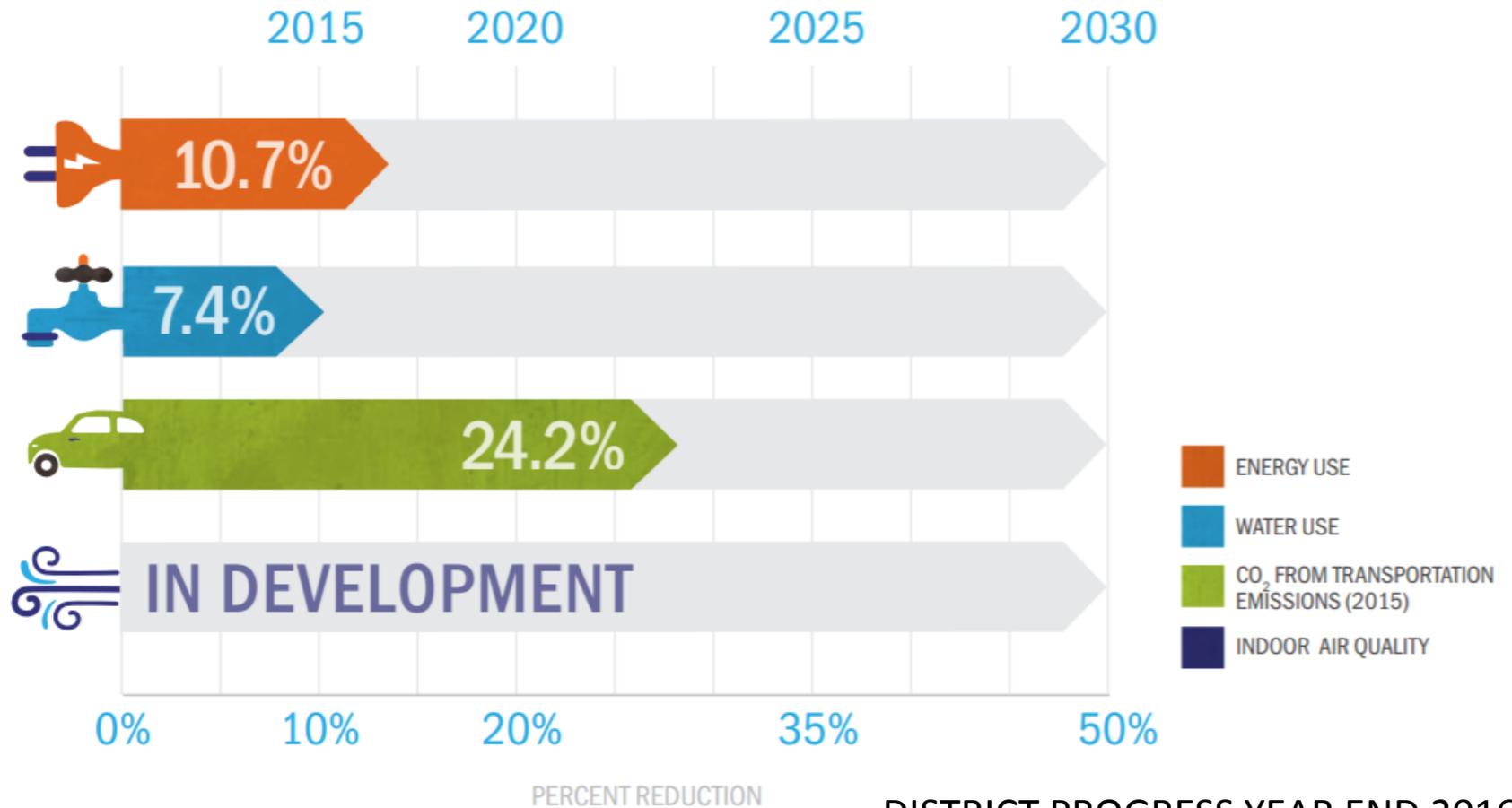
Organisers:



International Co-owners:



Pittsburgh 2030 District



DISTRICT PROGRESS YEAR END 2016



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Pittsburgh Green Story



Pittsburgh's Transformation from *Industrial* to **Sustainable** propels surge in Green Innovation and Collaboration across Sectors



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China Policies

- 2015, China's INDC: carbon emission peaking around 2030 and making best effect to peak early; reducing CO₂/ GDP by 60-65% from 2005 to 2030
- 20% green buildings in newly-built buildings by 2020. 50 nearly-zero-carbon-emission pilot projects by 2020.
- 42 low carbon provinces and cities. 100 pilots by 2020.
- 1000 low carbon community pilots by 2020.



Lessons from 2030 District

- Private-sector led and public participation
- Property owners, managers and tenants are willing to make effort to achieve 2030 Challenge
- A series of local/ national policies and programs that help the participants to achieve the target
- District Network enables 17 districts to collaborate and compete, and obtains the aggregate purchasing power



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Thank you



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