Local Government Commission

Leaders for Livable Communities
17 Years of Convening Partners for Stronger Communities

“The New Partners conference has been integral as a place where smart growth itself grows and evolves, responding to the changing environment, and reflecting the knowledge gained from years of practice.”

– Geoff Anderson former CEO of Smart Growth America
Smart Growth— A Climate Solution
This map denotes the approximate location for each of the 16 billion-dollar weather and climate disasters that impacted the United States during 2017.
Projected Economic Damage from Climate Change

Counties shaded red are expected to incur greater damages, shown as a percentage of county GDP.

Projected Economic Damage from Climate Change in United States counties

Hsiang, Kopp, Jina, Rising, et al. (2017)
2/3rds of emissions are related to land use and community design.
Households in location-efficient urban neighborhoods are half or less of the GHG in households in the least-efficient, car-dependent neighborhoods.
Annual GHG per Household

Source: Center for Neighborhood Technology
LGC’s Network is Doing More in Their Communities to Act on Climate Change than the National Average

Source: EcoAmerica (2017)
LGC’s Network is Doing More Personally to Act on Climate Change than the National Average

In doing more personally to act on climate solutions we:

- Upgraded appliances or lights to conserve energy
- Shifted towards walking or biking
- Shifted toward the use of public transportation
- Shifted toward transportation forms like hybrid cars

LGC members are doing more personally to act on climate solutions, and also we believe climate action should be prioritized over economic growth at rates more than double the national averages.

Source: EcoAmerica (2017)
MISSION ACCOMPLISHED!
Smart Growth: The Missing Piece of New Mobility
Electric Vehicle Sales

California Sales Through October
Cumulative 2011-2016
245,740

National Sales Through October
Cumulative 2011-2016
523,610

Monthly US Sales

Note: Approximation assumes CA sales are 52% of national sales.
Reference: www.hybridcars.com
Carsharing Vehicle Growth: Americas

Shaheen and Cohen, 2014
Autonomous vehicles could increase VMT by 6%-90%, depending on the percent of individually owned cars.

-Joan Walker Director of Institute of Transportation Studies at UC Berkeley
Income Gains at the Top Dwarf Those of Low- and Middle-Income Households

Percent change in real after-tax income since 1979

$4,900 average price premium for an autonomous vehicle

$39,500 average price of midsize EVs (vs. ~$25,000)

Source: Congressional Budget Office
Clean VMT Is Still VMT, Smart Growth Still Beats Sprawl
Smart Growth

Reduces Costs:

• saves an average of **38%** on upfront construction and infrastructure costs

• saves an average of **10%** on police, fire and other services.

Increases Revenue:

• generates **10 times** more tax revenue per acre than suburban development

Source: Smart Growth America

Photo Credit: Strong Towns
Housing: 55% of U.S. neighborhoods are considered “affordable”.

Housing + Transportation: Only 26% of Americans live in neighborhoods that they can truly afford.

*H+T benchmark no more than 45% of household income.
What If Urban Sprawl Is the Only Realistic Way to Create Affordable Cities?

Building suburbs makes cities more affordable than building towers, according to research released Wednesday.
Hours at Minimum-Wage Need to Afford a 1-Bedroom Rental (2017)

Source: National Low Income Housing Coalition, Out of Reach 2017
Smart Growth: It Might Be a Matter Of Life and Death
Higher Density and Connectivity: Lower Obesity (Atlanta study, 2004)

Obesity Relationships with Community Design, Physical Activity, and Time Spent in Cars

Lawrence D. Frank, PhD, Martin A. Andresen, MA, Thomas L. Schmid, PhD
States with the highest levels of biking and walking have, on average, the lowest rates of obesity, diabetes and high blood pressure.
50% of trips are less than three miles, 72% of these trips are made by vehicle.
Pent-up Demand for Smart Growth
People with Places to Walk Are More Satisfied with the Quality of Life in Their Community

Quality of Life by Agreement that Neighborhood is Walkable

There are lots of places to walk nearby such as shops, cafes, and restaurants.

The first question is about the quality of life in your community. How satisfied would you say you are with the quality of life in your community?
Six-in-Ten Would Pay More To Live in a Walkable Community

Willingness to Spend More to Live Within Walking Distance to Parks, Shops and Restaurants

Yes, a lot more
17%

Yes, a little more
43%

No, no more
20%

Being within an easy walk of places isn't important
20%

(IF VERY OR SOMEWHAT IMPORTANT ON IMPORT_A) If you were moving to a new home, would you be willing to spend more to live in a community where you could easily walk to parks, shops, and restaurants?
One-in-Five Living in a Detached Home Currently Would Prefer to Live in an Attached Home in a Walkable Community with Shorter Commute

<table>
<thead>
<tr>
<th>Lives in</th>
<th>Prefers</th>
<th>%</th>
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<tbody>
<tr>
<td><strong>Mismatched</strong></td>
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<tr>
<td>Detached home</td>
<td>Apartment/townhouse in <em>walkable neighborhood</em></td>
<td>21%</td>
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<tr>
<td>Attached home</td>
<td>Detached home in <em>conventional neighborhood</em></td>
<td>10%</td>
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<tr>
<td><strong>Matched</strong></td>
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<tr>
<td>Attached home</td>
<td>Apartment/townhouse in <em>walkable neighborhood</em></td>
<td>28%</td>
</tr>
<tr>
<td>Detached home</td>
<td>Detached home in <em>conventional neighborhood</em></td>
<td>37%</td>
</tr>
</tbody>
</table>

Continue to imagine that you are moving to another home. These next questions are about the kind of community where you would like to live. Please select the community that you prefer.
Our Call to Action: Continued Partnerships to Advance Smart Growth

• Create climate friendly communities
• Identify integrated mobility solutions
• Increase affordable living across housing, transportation and health
• Implement fiscally prudent placemaking
• Improve health outcomes
• Meet market demand
• Improve quality of life for all
Partners for Stronger Communities
Thank You!