

## ***Managing Green Infrastructure for Smart Growth***

Managing Green Infrastructure for Smart Growth  
5<sup>th</sup> Annual New Partners for Smart Growth  
Denver – January 26-28, 2006



### ***Our Partnership ...***

- USDA Forest Service, Urban & Community Forestry Program
  - ✓ National federal-state partnership
- Mid-America Regional Council
  - ✓ Regional planning for Kansas City and surrounding counties in 2 states
- Davey Resource Group
  - ✓ Developing and supporting tools for planning & managing urban trees & forests

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### ***Green Infrastructure & Smart Growth...***

- Mitigates denser development
- Makes TOD more pedestrian friendly
- Creates public spaces for social interaction
- Connects regions, suburbs and downtown

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## Green Infrastructure is...



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## Urban Parks



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## Tree lined streets



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## Public Gardens



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## Stream valleys & forest buffers...



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## Bicycle paths and hiking trails



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## Waterfront Promenades



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## Wetlands



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## Ecological Preserves



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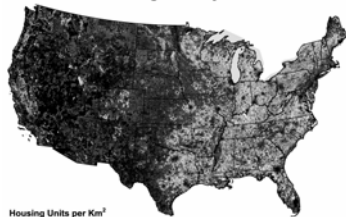
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2000

Housing Density 2000



Housing Units per Km<sup>2</sup>  
0 2 - 4 8 - 16 >128  
0 - 2 4 - 8 16 - 128

Water

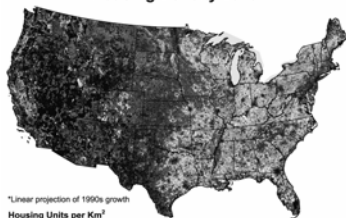
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2010

Housing Density 2010\*



\*Linear projection of 1990s growth

Housing Units per Km<sup>2</sup>  
0 2 - 4 8 - 16 >128  
0 - 2 4 - 8 16 - 128

Water

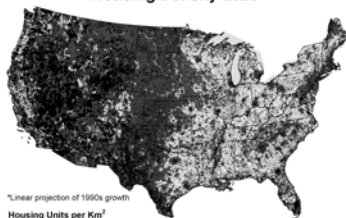
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2020

Housing Density 2020\*



\*Linear projection of 1990s growth

Housing Units per Km<sup>2</sup>  
0 2 - 4 8 - 16 >128  
0 - 2 4 - 8 16 - 128

Water

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## At the Ballot Box...



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## Voters Approved...

- 110 communities in 24 states passed ballot measures to \$2.4 billion for parks and open space
- 23 of 31 ballot measures in 11 states to start or expand bus and rail lines a total of \$40 billion in transportation improvements

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## Green Infrastructure in ...

- City Centers
- Suburbs and regions
- A suite of tools to help developers and planners manage it

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### ***GI is a living organism...***

#### **Vulnerable to:**

- Diseases and pests
- Environmental stress
- Natural disasters
- Poor planning

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