

RENEWABLE

Old Florida

The Importance of Small Town
& Rural Sustainability Planning



APA Florida 2013
Rosen Centre, Orlando, FL
September 12, 2013



Presenters



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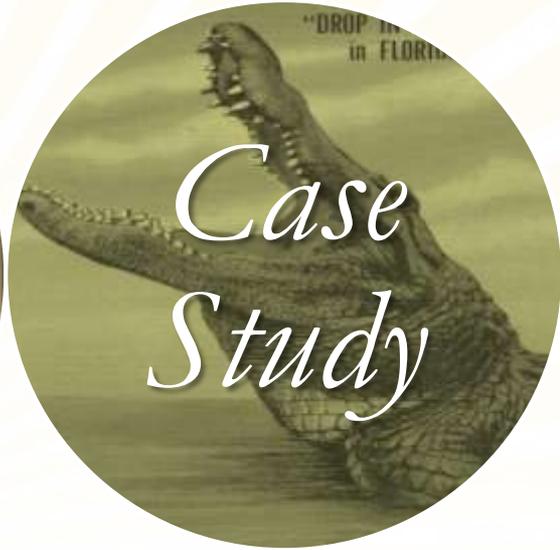
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Outline



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Concept



Think Global, Act Local



Big cities get the spotlight; small towns are essential



Small towns are inherently sustainable



Sustainability is economic development

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Sustainability

Global challenge, local solutions



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Big Cities, Green Advantages

Density, Productivity, Efficiency, Innovation



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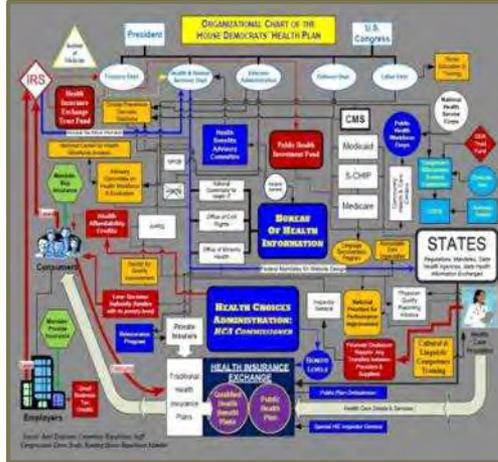
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Metropolitan Challenges

Concept Tools Case Study



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Small Town Opportunities

Urban fabric



Rural Land



Local control

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Urban Fabric

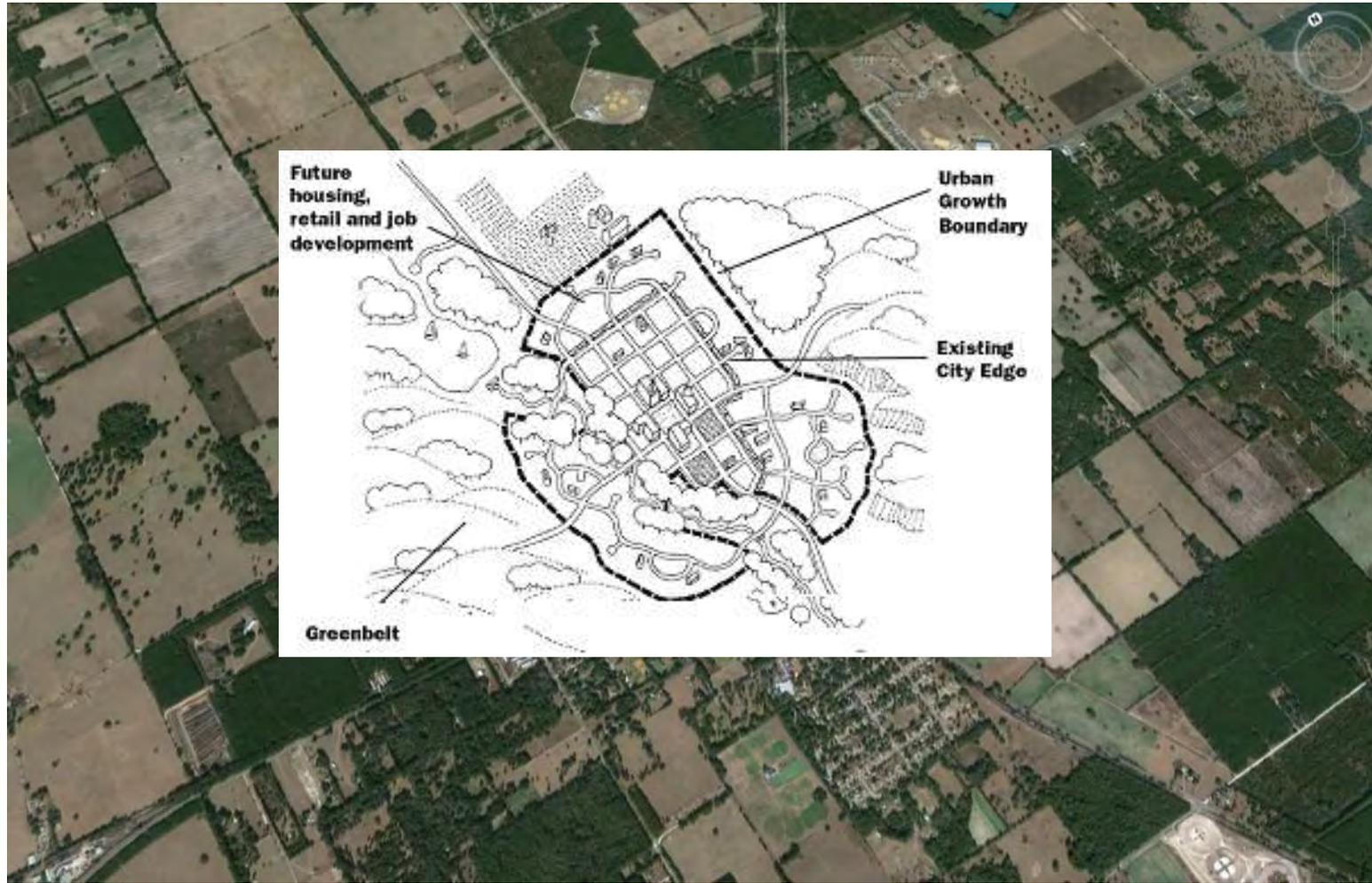


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Rural Lands



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Local Control



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Economic Development



Job Creation

Branding

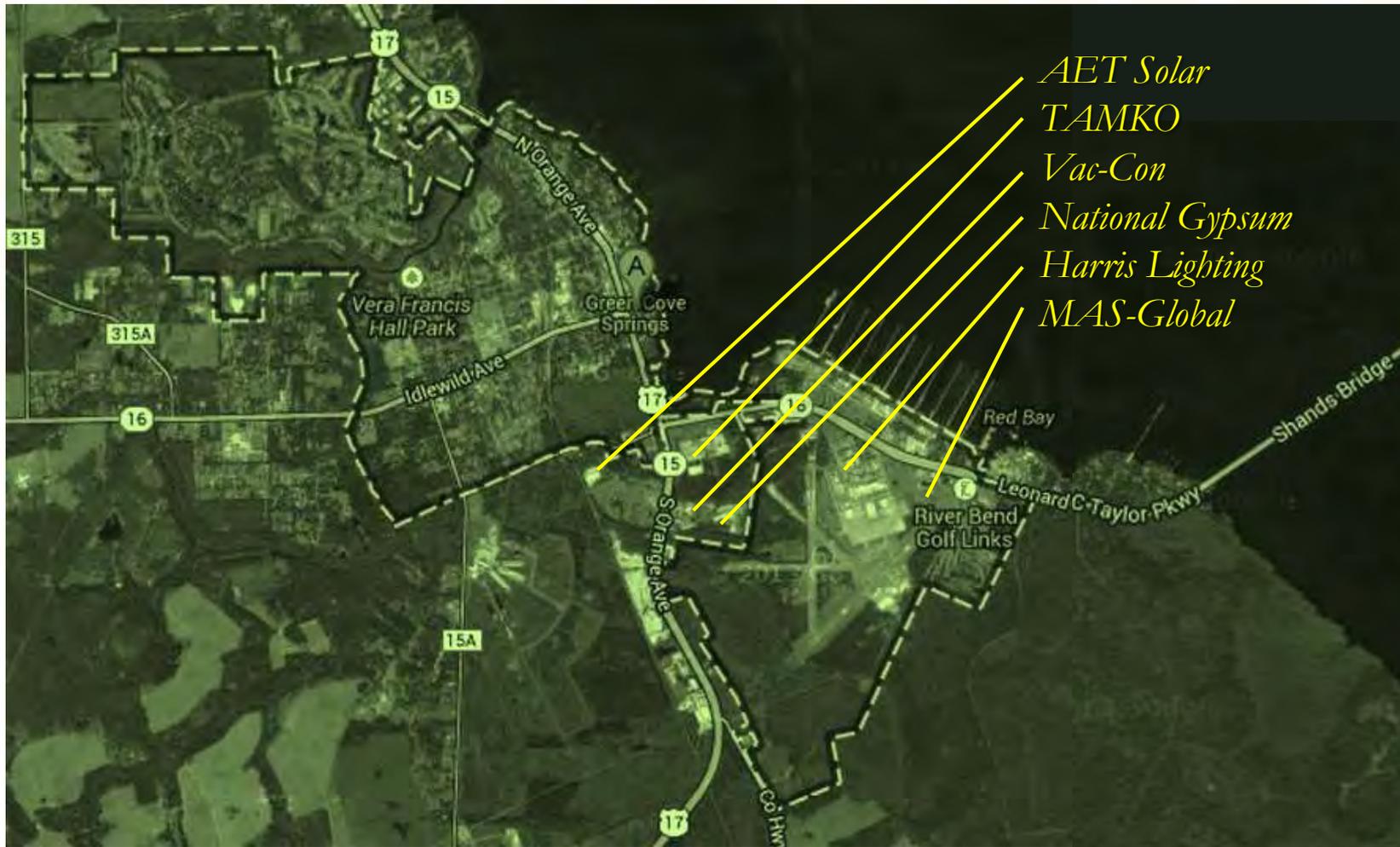
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Job Creation



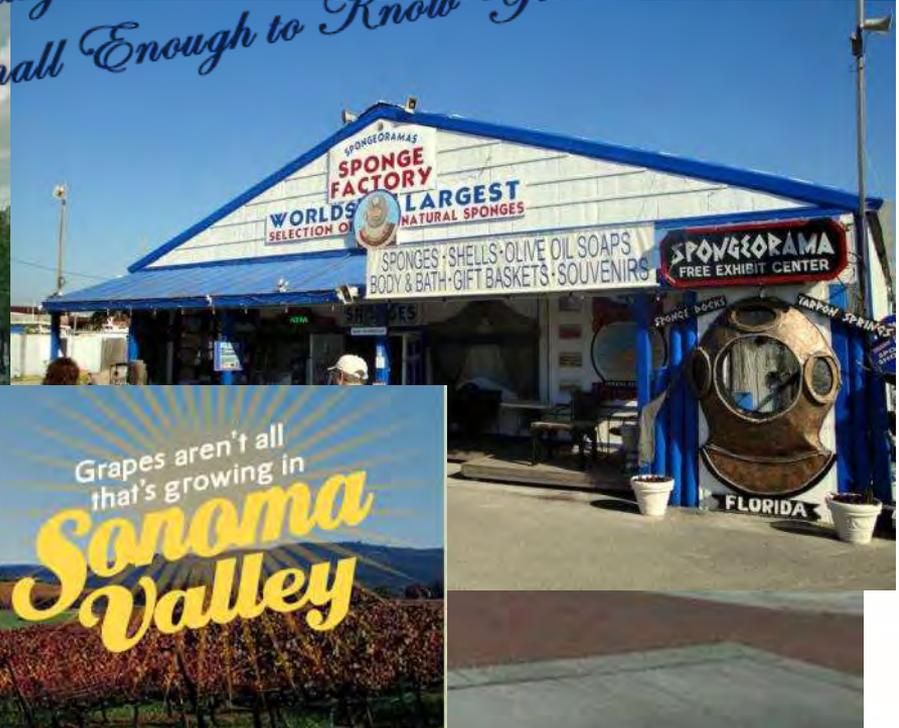
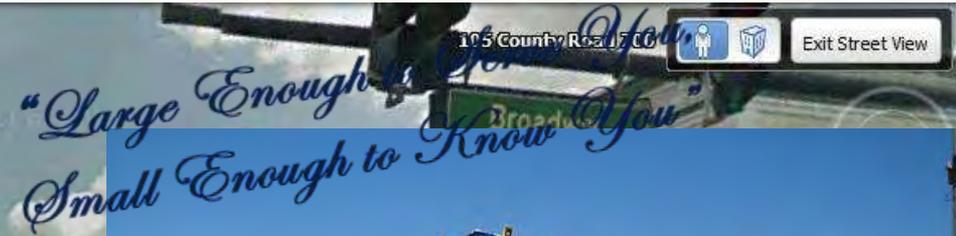
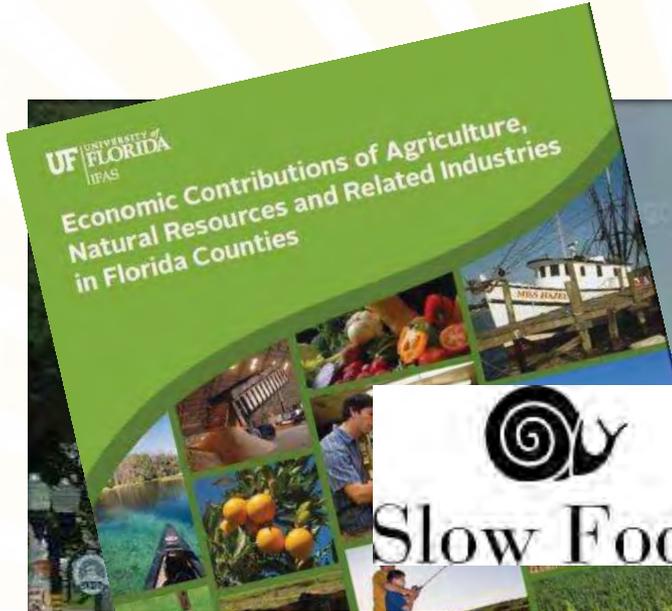
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Branding



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Tourism



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Tools



A systems-based planning process



Selected Best Practices



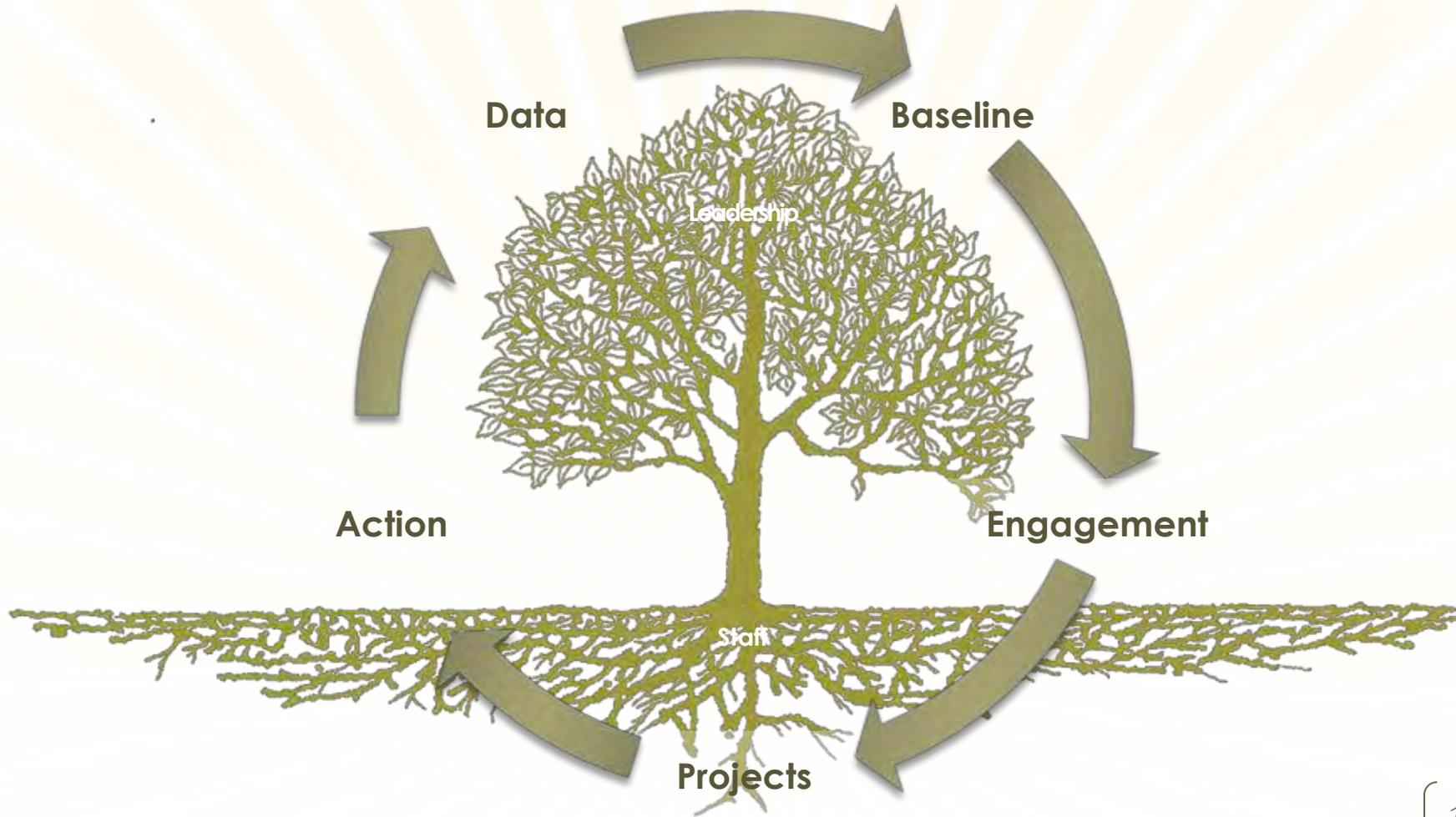
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The Process



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GHG Inventory

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Scope 1

- Vehicles & equipment
- Stationary Sources
- Landfills & wastewater treatment

Scope 2

- Purchased electricity
- Purchased heating & cooling
- Purchased steam

Scope 3

- T&D losses
- Business travel & commuting
- Contracted waste disposal



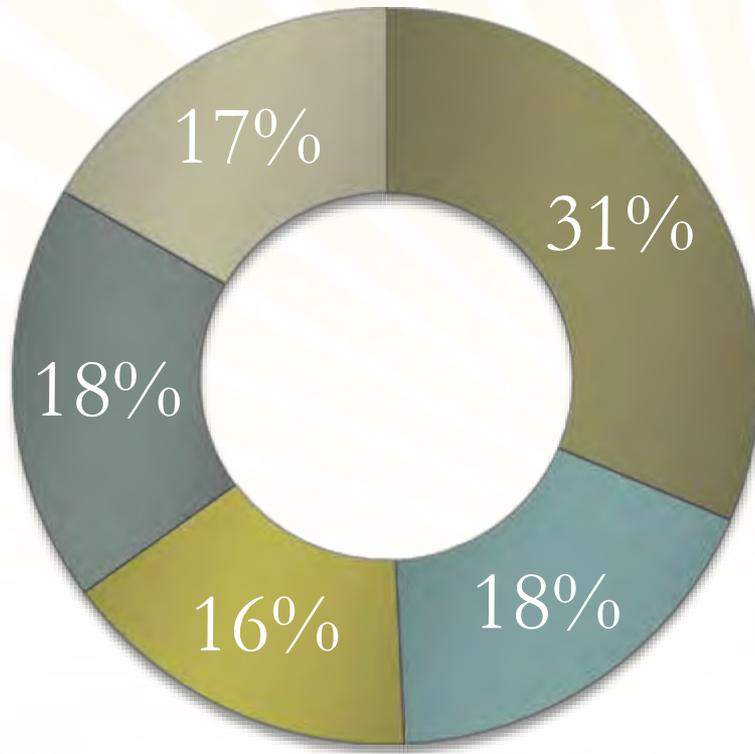
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Gov't Operations



- Buildings
- Non-Building Operations
- Water Treatment Facilities
- Waste Water Facilities
- Vehicle Fleet

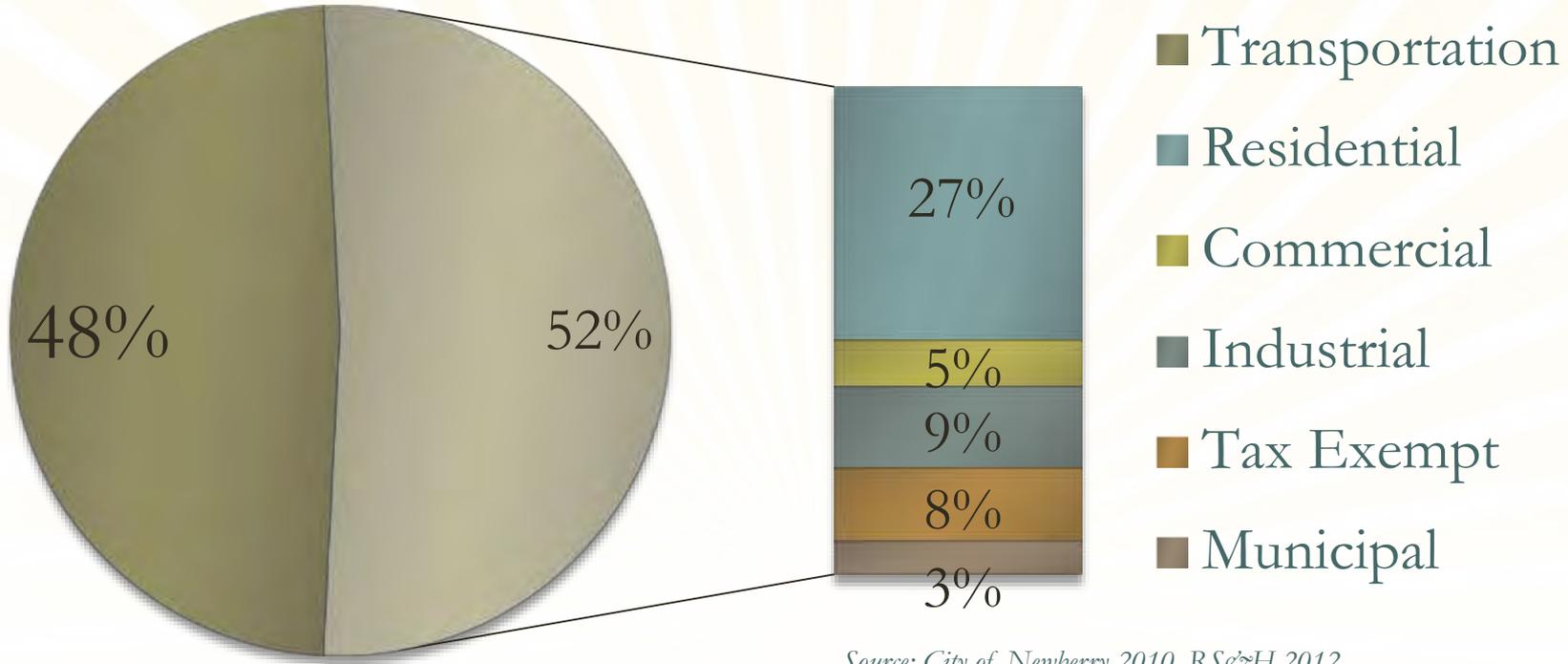
Source: City of Bartow 2010, RS&H 2012

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Community



Source: City of Newberry 2010, RS&H 2012

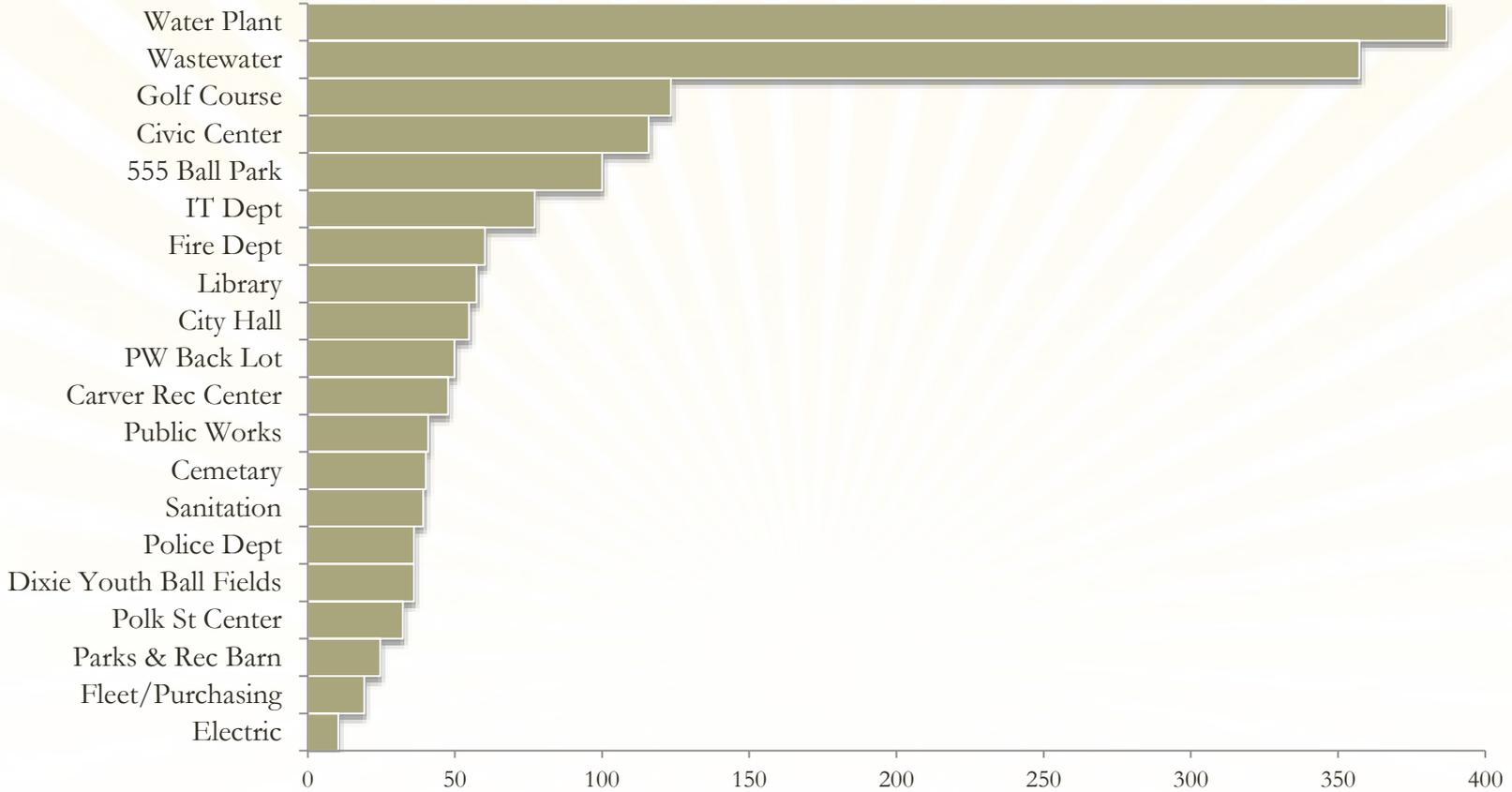
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Facility Energy Use

Municipal Facility Energy Use Index (kBTU/ft²/year)



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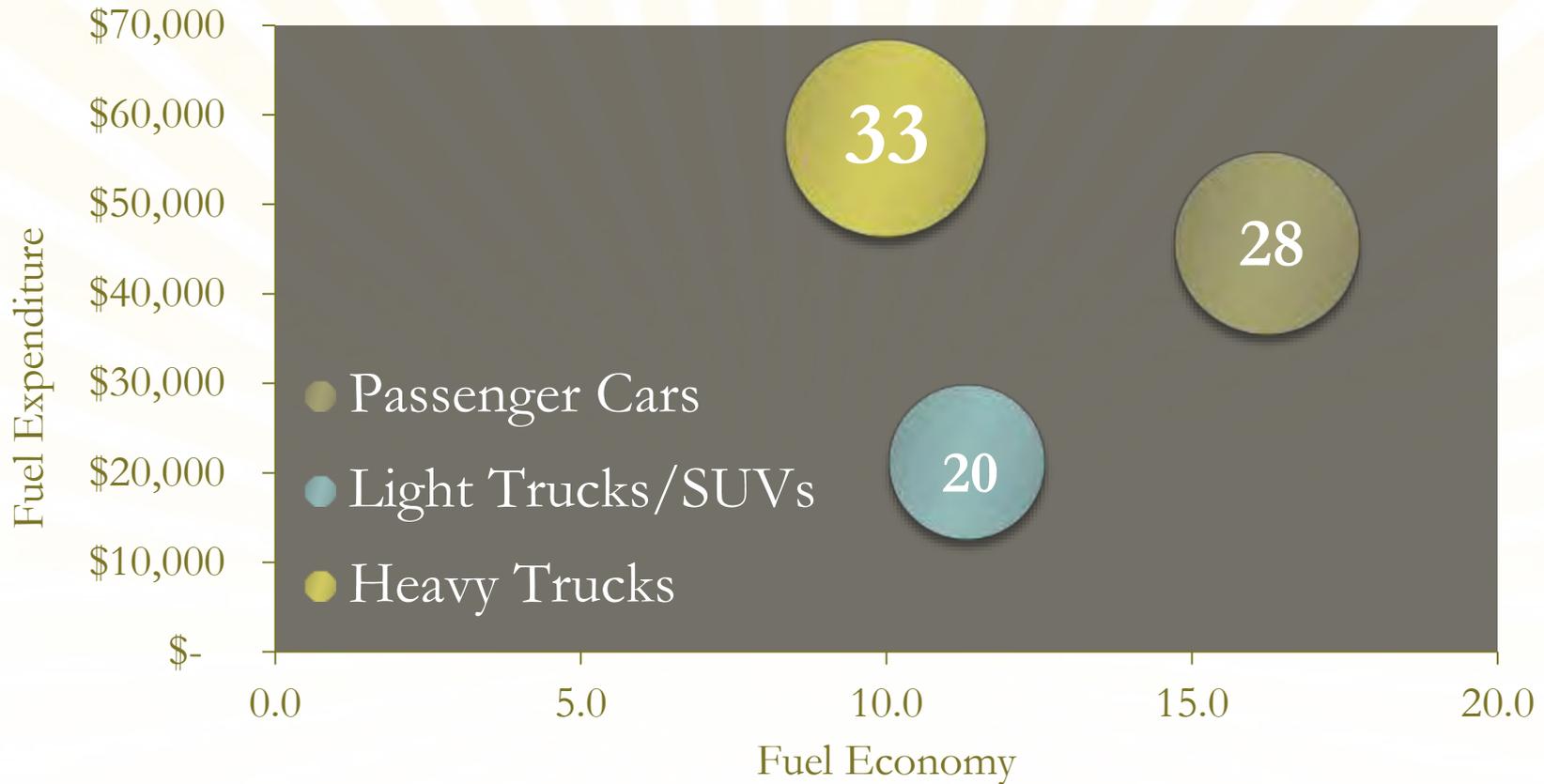
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Source: City of Bartow 2010, RS&H 2012



Vehicle Fleet

Fuel Expenditure and Economy by Vehicle Type



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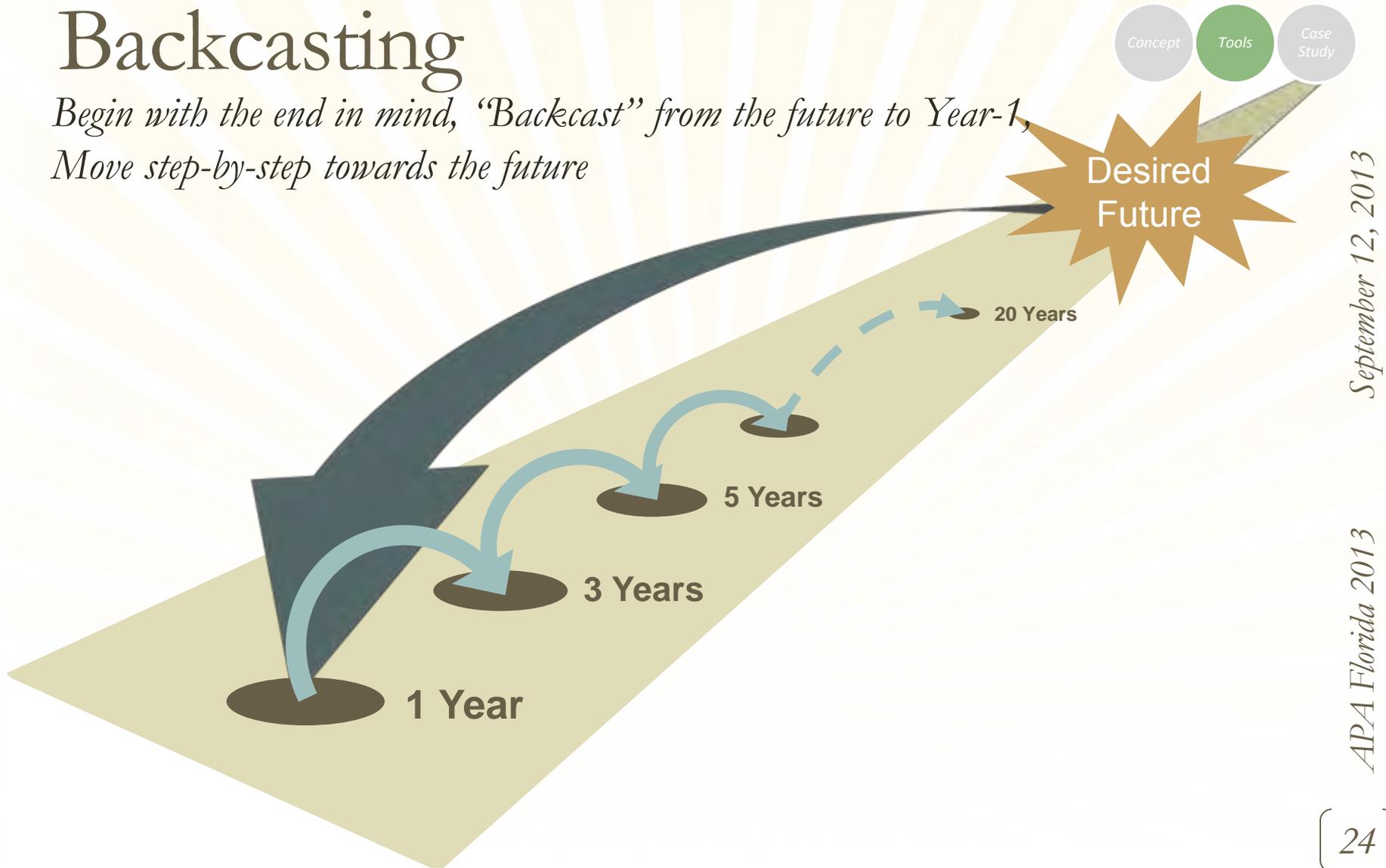
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Source: City of Green Cove Springs 2010, RS&H 2012



Backcasting

*Begin with the end in mind, "Backcast" from the future to Year-1,
Move step-by-step towards the future*



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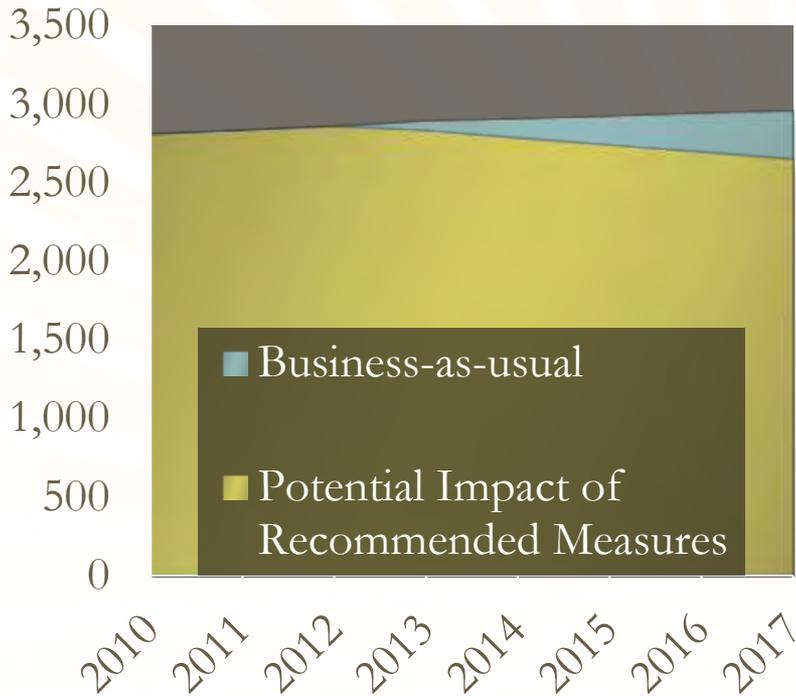
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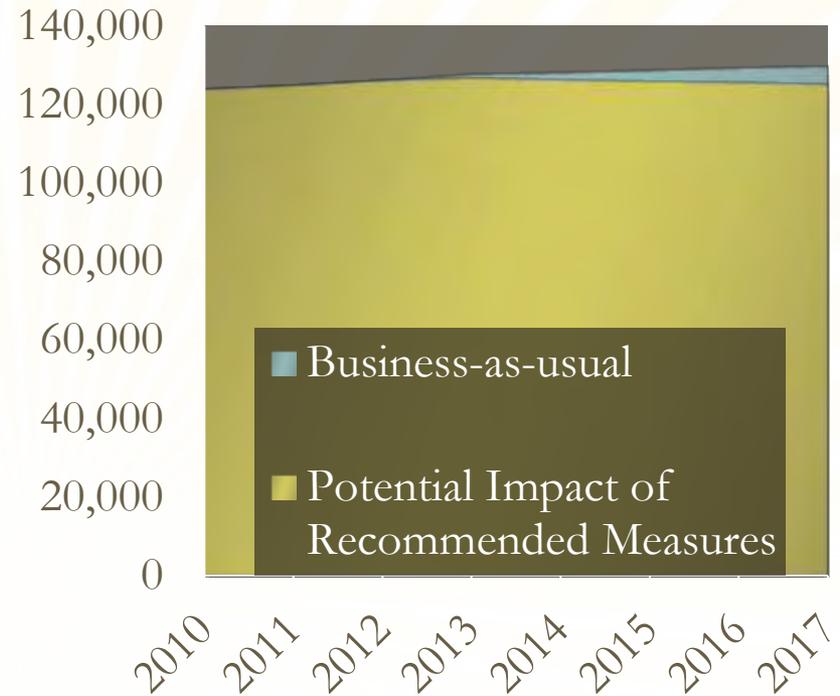
Projects

Estimated 5-Year Potential GHG Reductions fro Project Portfolio

Government Operations



Community Actions



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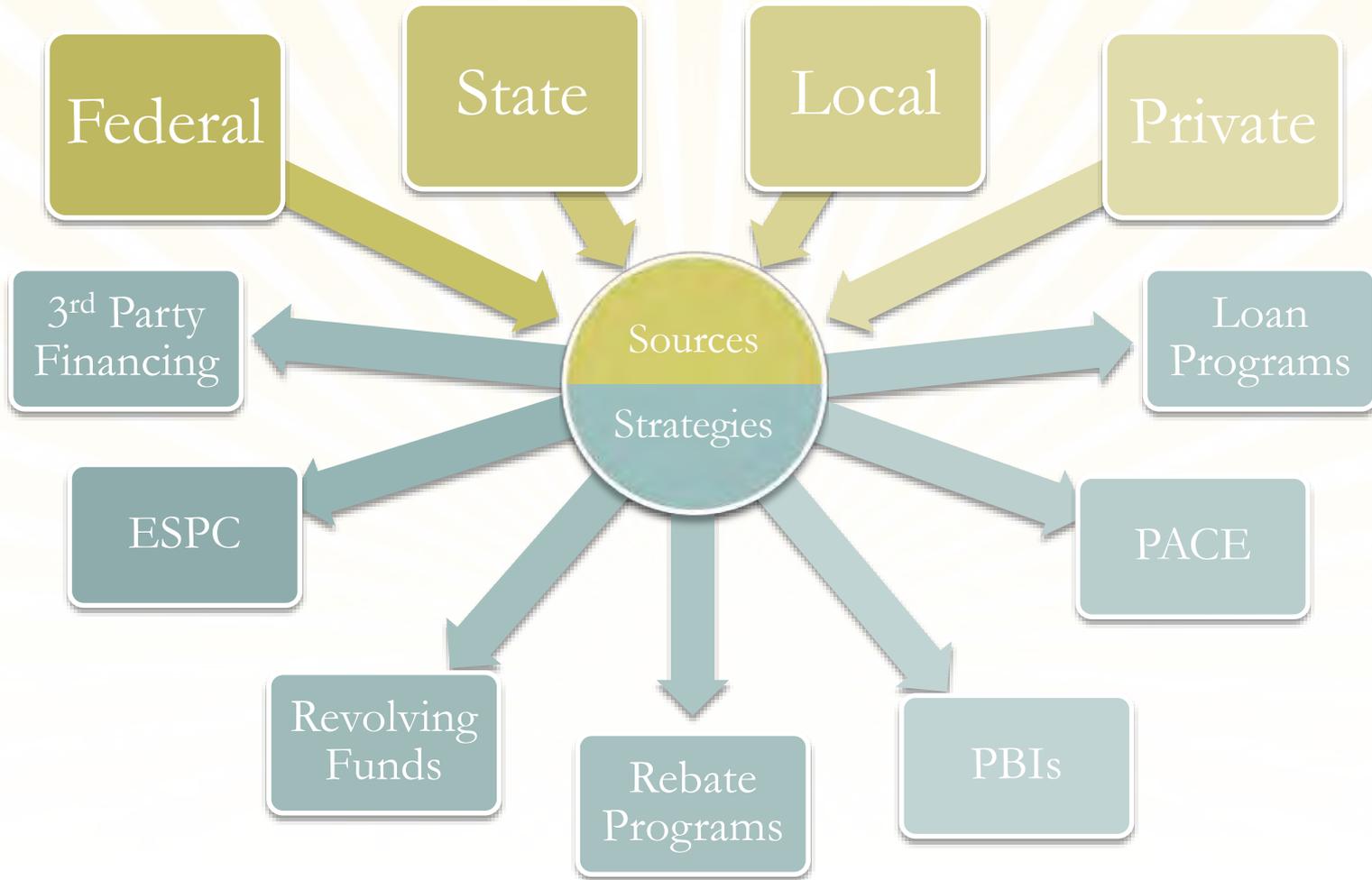
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Source: City of Green Cove Springs 2010, RS&H 2012



Action

Funding Sources and Strategies



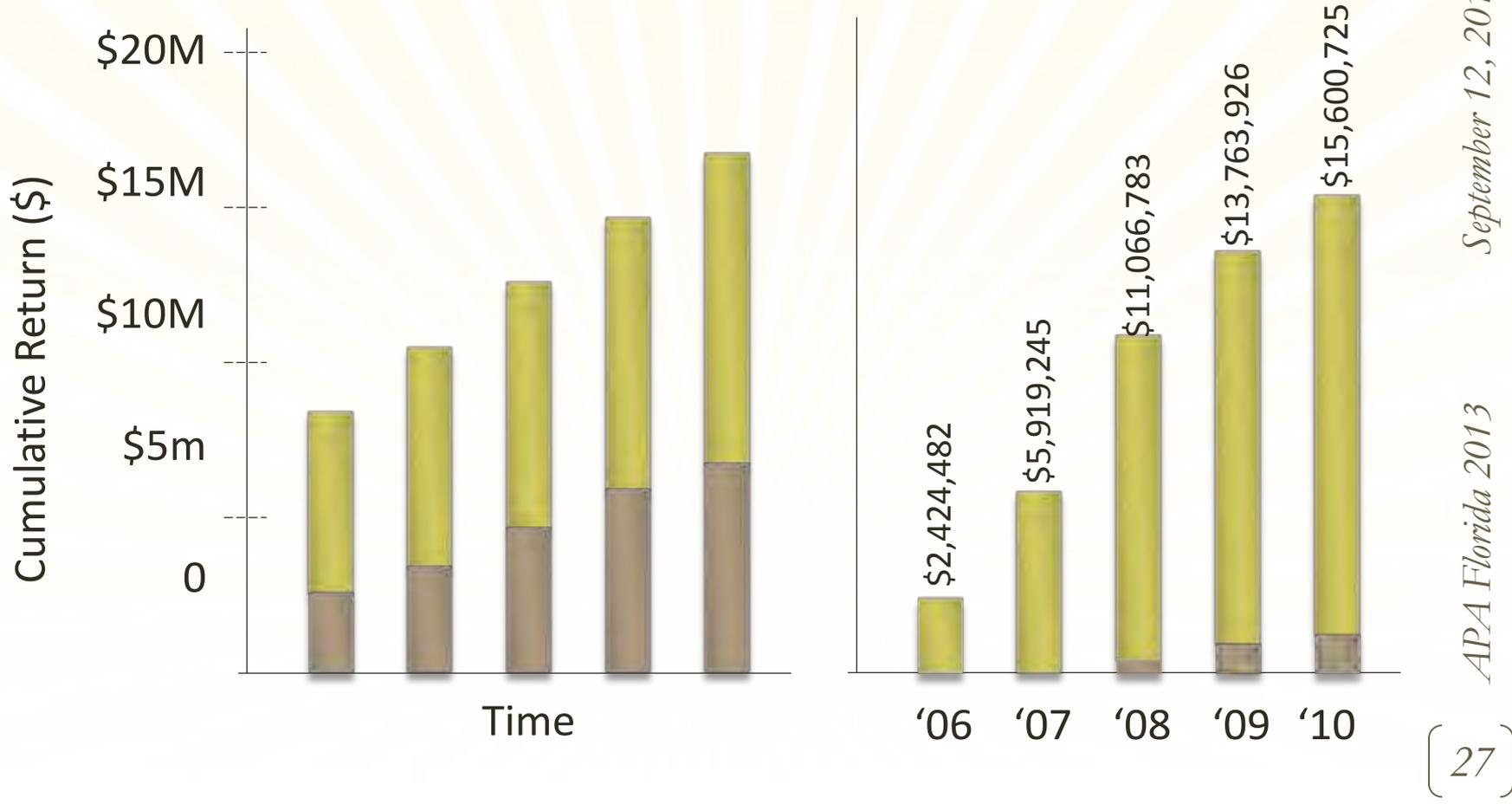
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Data

Projected vs. Realized Solid Waste Cost Avoidance and Revenues



Best Practices

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Sustainability Management

Facility Energy Strategy

Energy Efficiency Programs

Energy Efficiency Funding

Sustainable Planning

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Source: City of Newberry 2010, RS&H 2012



Best Practices

Concept **Tools** Case Study



Efficient Fleets

*Sustainability
Awareness*

*Utility
Tracking*

*Waste
Tracking*

Green Events

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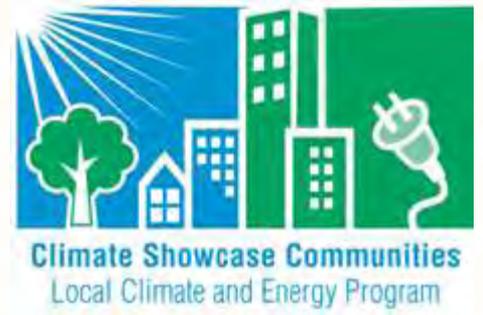
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Source: City of Newberry 2010, RS&H 2012



Resources

Concept Tools Case Study



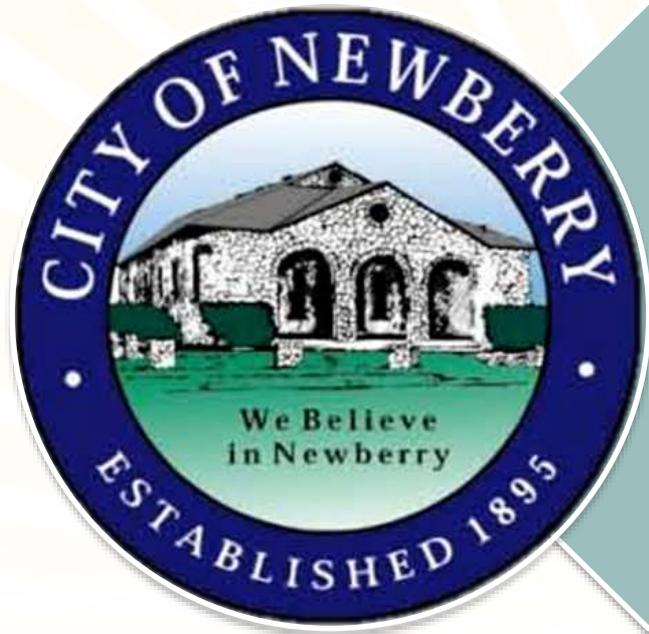
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Case Study: Newberry, FL



*Embracing the past.
Enhancing the future.*

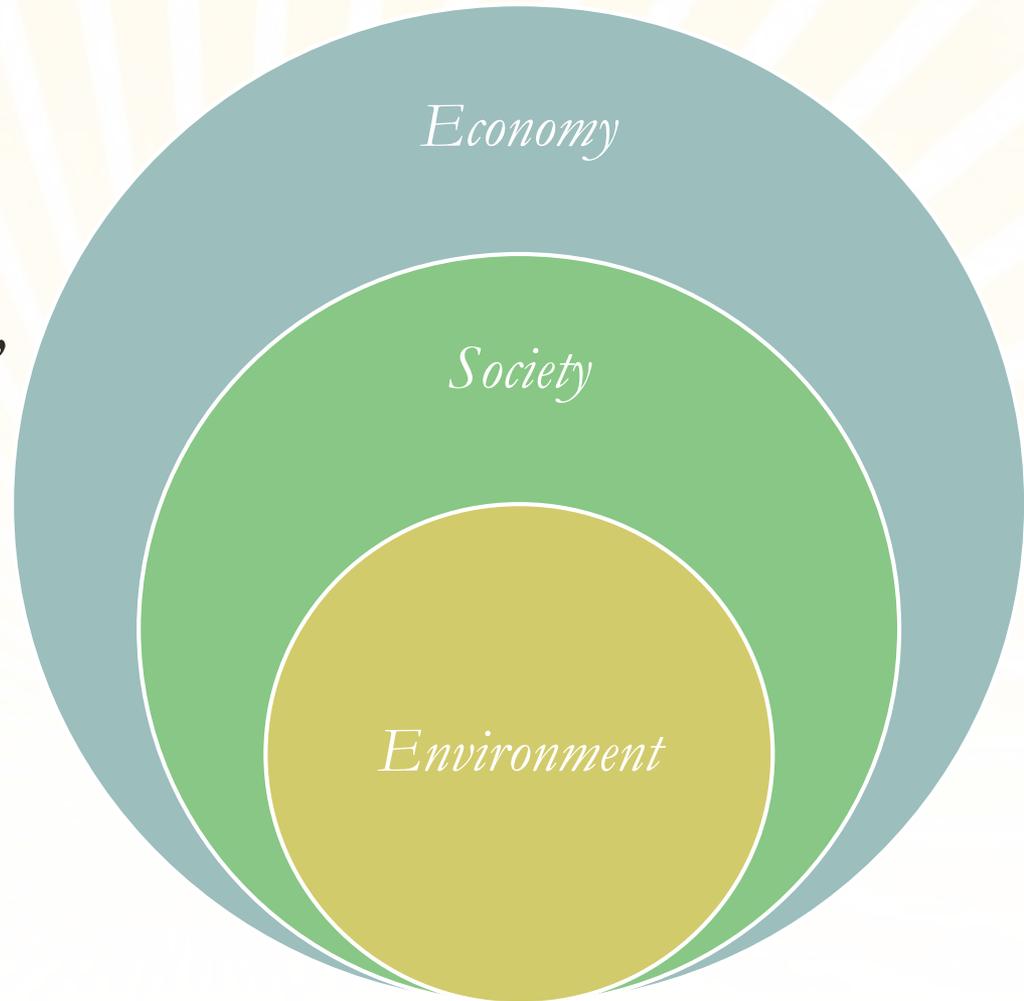
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Sustainability Planning in Newberry

- *Balancing society, economy, and environment to ensure “the ability to sustain”, or “the capacity to endure”*
- *Responsible resource management to ensure to current/future generations can survive and thrive.*

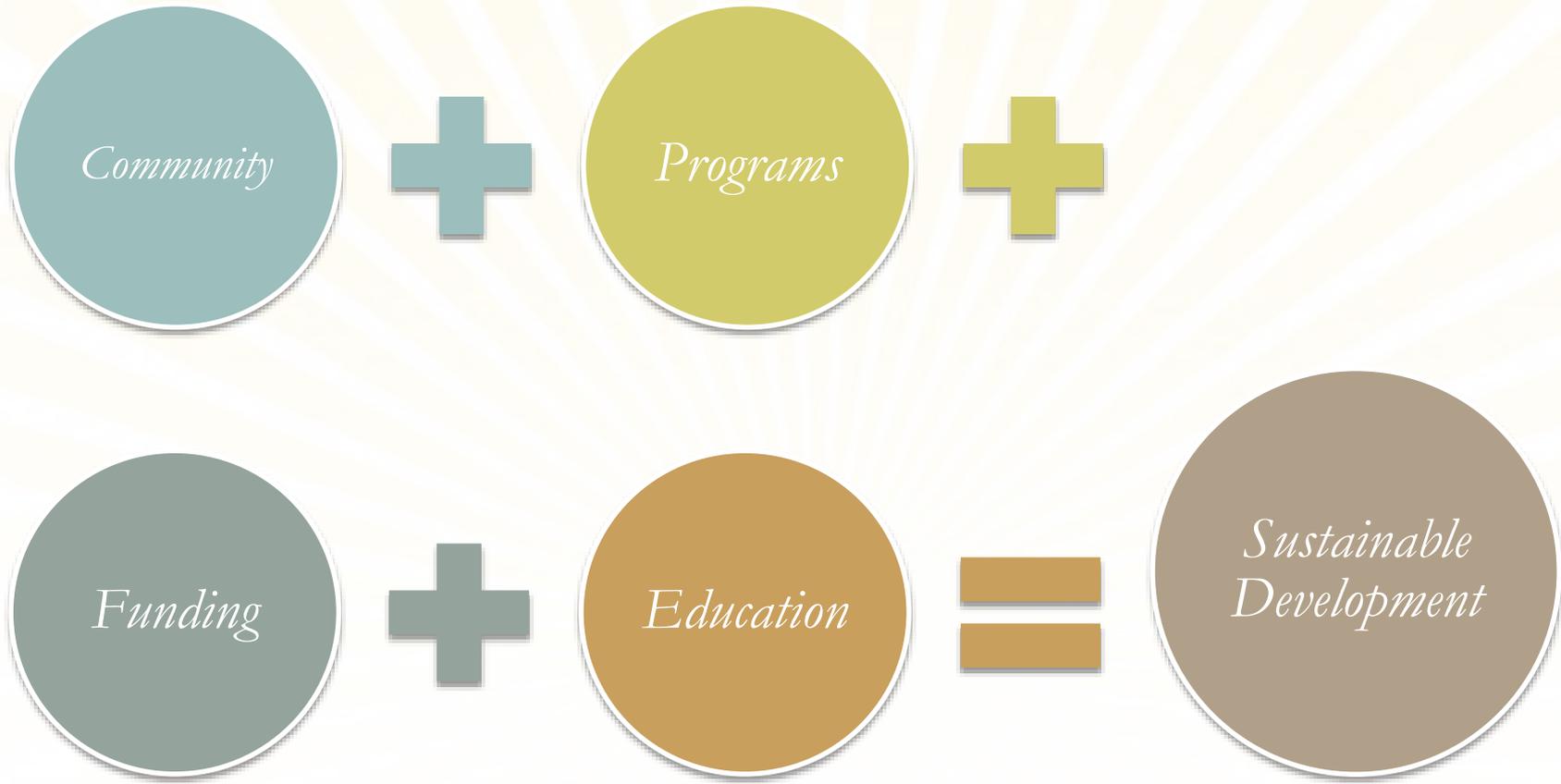


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Sustainability in Newberry



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Key Elements



Active City Commission Leadership

Education

Community Involvement & Vision

Collaborative Partnerships

Grants/Funding Program

Best Management Practices

Sustainable Economic Development

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Sports Tourism

Concept

Tools

Case Study



Land acquisitions:

- 80 acres: private donation for Nations Baseball Park site.
- 60 acres: no-cost lease to City from SRWMD

<i>Florida Recreation Development Assistance</i>	<i>\$265,610</i>
<i>Florida Greenways & Trails</i>	<i>\$240,000</i>
<i>Wild Space / Public Places</i>	<i>\$540,647</i>
<i>Nations Baseball Park</i>	<i>\$7,200,000</i>
<i>Easton-Newberry Sport Complex</i>	<i>\$1,500,000</i>
<i>Florida Fish and Wildlife</i>	<i>\$115,000</i>
<i>Hurricane Shelter Grant</i>	<i>\$129,500</i>
<i>Solar Grant (portion of EECBG)</i>	<i>\$50,000</i>
<i>Urban Community Forestry Grant</i>	<i>\$20,000</i>
<i>Visit Gainesville Grant 2011/12</i>	<i>\$18,250</i>
<i>Visit Gainesville Grant 2012/13</i>	<i>\$19,500</i>
<i>Visit Florida Grant</i>	<i>\$5,000</i>
Total	\$10,223,507.50

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Easton Sports Development Foundation



Public-Private Partnership

- *Easton-Newberry Sports Complex
\$1.5 million*
- *Road improvements
SR-27/41
\$214,000*

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Florida Greenways & Trails

Concept Tools Case Study



Local Match: Easton Sport Dev. Foundation

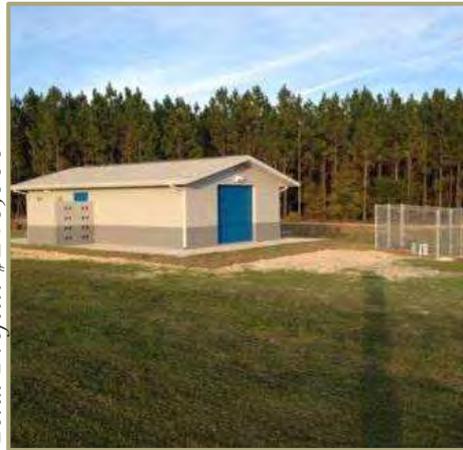


2 1/2 mi. trail system; 13 3D ranges w/ 230 lanes



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Total Project: \$240,000



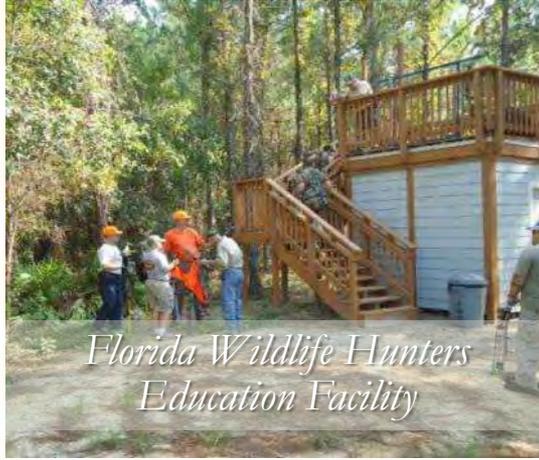
State Grant share: \$192,000



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Facility Improvements



Florida Wildlife Hunters Education Facility



\$15,000 Total Project Funded



Classroom Expansion & Enhancements (\$100,000)

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New Partners



Elite Pro Ball Academy



UF Astronomy

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Sustainability & Resilience



10 kW Solar PV System Grant
(portion EECBG)
\$56,000

*Hurricane Shelter Grant
Improvements to Easton-
Newberry Sports Complex
for use as a hurricane shelter
\$129,500*

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Urban & Community Forestry Grant: “Sustainability” at Work

\$18,000 Grant

*Tree-planting demo along entry
drive into Easton-Newberry
Sports Complex*

- Educational public outreach*
- Promote economic development*
- Synergy of multiple projects
and collaborative partnerships*



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Marketing and Promotions



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Special Events

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○ Karate ○○ Fencing ○○○ Newberry-Jonesville Chamber Luncheon ○○○ Main Street Luau ○○○

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Sustainability in Newberry



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Thank you! Questions?



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