

Energy Sustainable Florida Communities

Energy and Climate Policy

1. How important are energy/climate change issues in your jurisdiction? (N = 117)

	<u>Percent</u>
Not important	11.1%
Somewhat important	38.5%
Moderately important	31.6%
Very important	18.8%

2. Does your jurisdiction have a formal climate change and/or energy plan separate from the comprehensive plan? (N = 117)

	<u>Percent</u>
Both climate change and energy plans	2.6%
Climate change plan	0.9%
Energy plan	5.1%
Neither an energy nor a climate change plan	91.5%

3. Which of the following energy/ climate related issues does your jurisdiction officially address (e.g., through regulation or policies) with regard to its government facilities and community at large? (N = 116)

	<u>Government</u>	<u>Community</u>
Green buildings	29.3%	17.2%
Retro-fitting existing buildings for energy efficiency	40.5%	19.0%
Alternative transportation systems	23.3%	37.1%
Green infrastructure	21.4%	13.8%
Green procurement	17.9%	9.5%
Regional air quality	16.8%	17.1%
Technology innovation/ demonstration projects	12.0%	6.9%
Energy efficient devices (appliances, lighting, etc.)	47.9%	20.7%
Energy efficiency systems (building controls etc.)	15.1%	15.5%
Waste-to-energy	8.5%	8.6%
Renewable energy	12.0%	8.6%

Smart grid/net metering	6.8%	6.9%
Alternative fuels	14.5%	7.8%
Incorporating energy use in land use decisions	15.5%	13.8%
Energy related development incentives	9.5%	9.5%
Inventory of greenhouse gas emissions	12.1%	4.3%
Formally adopted greenhouse gas reduction goals	7.8%	7.8%

4. In which of the following initiatives is your jurisdiction participating? If not, are any being considered? (N = 110)

	<u>Percent</u>
U.S. Conference of Mayors Climate Protection Agreement	13.6%
ICLEI USA – Cities for Climate Protection	5.6%
Sierra Club Cool Cities Initiative	1.9%
HUD/DOT “Livable Communities Initiative”	2.8%
FGBC – Green Local Government Designation	10.0%

5. Which office or department in your jurisdiction has primary responsibility for developing energy policy plans? (N = 113)

	<u>Percent</u>
Planning Department	43.4%
Building Department	1.8%
Community Development	6.2%
Public Works Department	2.7%
Environment/Sustainability Department	1.8%
Mayor’s Office	11.5%
City Manager’s Office	15.0%
City Council/Commission	13.3%
Local Utility	2.7%

6. To the best of your knowledge, how active are each of the following entities in promoting sustainable energy and climate change planning and innovation in your county?

	Not Active	Somewhat Active	Very Active	Don't Know
Municipal Government	20.0%	52.2%	12.2%	15.7%
Regional Planning Council	10.4%	49.6%	18.3%	21.7%
Special District	24.1%	19.6%	3.6%	52.7%
Regional Partnership	14.5%	16.4%	8.2%	60.9%
MPO	8.8%	44.7%	11.4%	35.1%
FL DCA	10.4%	38.3%	23.5%	27.8%
FL DOT	14.0%	35.1%	12.3%	38.6%
FL DEP	12.2%	27.8%	17.4%	42.6%
Other State Agencies	10.6%	16.8%	2.7%	69.9%
Private Utilities	9.6%	33.9%	10.4%	46.1%
Federal Agencies	8.0%	26.5%	19.5%	46.0%
Civic Groups/NGOs	12.3%	24.6%	6.1%	57.0%
Local Builders Association	14.8%	30.4%	1.7%	53.0%

7. To what extent do jurisdictions in your county work cooperatively on climate change or energy planning issues? (N = 110)

	Not At All	Somewhat	To a Great Extent	Don't Know
Energy	23.6%	45.5%	6.4%	24.5%
Climate Change	34.5%	31.0%	6.0%	28.4%

Energy Cost Reduction by Government

8. To what extent has your government undertaken efforts to reduce overall energy use by government? (N = 111)

	<u>Percent</u>
Not at all	13.5%
Somewhat	78.4%
A great extent	8.1%

9. On a scale from 1 = “not an obstacle” to 5 = “sustainable obstacle”, please rate the following factors with respect to your local government’s ability to reduce overall energy use. (N=119)

	1	2	3	4	5
Cost/lack of funds	2.7%	3.6%	10.8%	23.4%	59.5%
Conflict with other budget priorities	4.5%	4.5%	11.8%	35.5%	43.6%
Lack of time/expertise to plan	8.3%	12.8%	20.2%	32.1%	26.6%
Lack of informational resources	22.7%	22.7%	25.5%	17.3%	11.8%
Qualified contractors not available	5.2%	21.5%	30.8%	14.0%	8.4%
Lack of "political will"	17.3%	18.2%	36.4%	15.5%	12.7%
Length of time needed for approval	33.6%	33.6%	14.5%	10.0%	8.2%
Length of implementation time	26.4%	23.6%	28.2%	14.5%	7.3%

Economic Development

10. How important is the attraction of "green business" in your jurisdiction's economic development strategy? (N = 111)

	<u>Percent</u>
Not important	26.1%
Somewhat important	49.5%
Highly important	18.0%
Most important	6.3%

11. Does your jurisdiction's economic development strategy include efforts to attract green business or industry through the following? (N = 111)

	<u>Percent</u>
Financial or other incentives to encourage energy efficient technologies in new development	11.5%
Financial or other incentives specifically targeted to the renewable energy sector	12.4%
Regulatory relief of streamlined processes for developments that incorporate energy efficient technologies	18.6%
Regulatory relief or streamlined processes for development in the renewable energy sector	16.8%

12. Does your jurisdiction have a written economic development plan? (N = 111)

	<u>Percent</u>
Yes	29.7%
No	70.3%

Comprehensive Plans & State and Federal Policy

13. Did your jurisdiction's comprehensive plan or its amendments directly address climate change or energy issues in any of the following elements prior to the Florida Energy Bill (HB 697) passed in 2008?

	<u>Prior 2008</u>	<u>Since 2008</u>
Housing Element	31.0%	37.9%
Transportation Element	33.3%	42.9%
Conservation Element	33.3%	36.7%
Infrastructure Element	30.8%	34.6%
Open Space and Recreation Element	40.4%	28.8%
Intergovernmental Coordination Element	27.5%	29.4%
Coastal Management Element	17.8%	20.0%
Economic Development Element	16.3%	25.6%
Future Land-Use	34.3%	41.8%
Current Land-Use Map	29.5%	20.5%
Future Land-Use Map	34.7%	26.5%

14. In planning your approach to comply with DCAs draft rule for HB 697, what actions do you anticipate? (select all that apply)

	<u>Percent</u>
Revise and/or add policies in existing elements	71.6%
Identify existing plan provisions	37.9%
Don't know yet	29.4%

Land Use and Open Space

15. Has your jurisdiction established LAND-USE policies or programs to encourage or require the following? (N=104)

	<u>Encourage</u>	<u>Require</u>	<u>No programs or policies in place</u>
Reduce greenhouse gas emissions	24.8%	0.0%	75.2%
Compact developments	44.2%	12.5%	43.3%
Mixed-use development	64.8%	13.3%	21.9%
Transit oriented development	48.5%	6.9%	44.6%
In-fill development	62.5%	7.7%	29.8%
Community-wide bicycle/pedestrian plan	49.0%	10.6%	40.4%
Street design for multi-modal mobility	42.3%	11.5%	46.2%
LEED or other green development certification	31.7%	2.0%	66.3%

16. Have the following Land Use Management techniques been used by your jurisdiction in the last 24 months? (N=104)

	<u>Yes</u>	<u>No</u>	<u>Don't Know</u>
Up-zoning to higher density	29.4%	66.7%	3.9%
Inclusionary housing policy	11.0%	81.0%	8.0%
Urban growth boundary	21.6%	70.6%	7.8%
Impact fees	60.2%	36.9%	2.9%
Density bonuses	23.0%	74.0%	3.0%
Transfer of development rights	8.9%	84.2%	6.9%

17. To which of the following eligible activities are your Federal Energy Efficiency and Conservation Block Grant (EECBG) funds directed?

	<u>Percent</u>
Development of an efficiency and conservation strategy	26.2%
Residential and commercial building energy audits	12.5%
Incentive programs for energy efficiency improvements	17.2%
Grants to nonprofit organizations and government agencies	9.4%
Energy conservation programs for buildings and facilities	29.2%
Development and implementation of transportation programs	10.9%
Building codes and inspections to promote energy efficiency	14.1%
Distributed resources, combined heat and power and district systems	3.2%
Material conservation programs	17.2%
Energy efficient traffic signals and street lighting	16.9%
Renewable energy technologies on government buildings	26.2%

Zoning Regulations, Subdivision Regulations, and Permitting

18. Does your development review encourage energy efficient land use patterns through any of the following strategies? (N=112)

	<u>Percent</u>
Compact arrangement of higher density and intensity of mixed land uses that support a multi-modal transportation system	53.4%
Infill and redevelopment	56.1%
Accounting for existing and future electric power generation and transmission systems	4.5%
Complete streets that accommodate transit, pedestrians, bicyclists and motorists	35.7%
Reduced parking	22.3%
Street network	42.0%
Landscape planting for energy conservation	43.8%
Green infrastructure	14.3%
Heat island reduction	12.5%
Preservation of open space and urban and rural forests for CO2 capture	31.2%
Lot and/or street orientation for wind or solar consideration	4.5%
Housing and jobs proximity	18.8%
Housing and school proximity	19.6%
Infrastructure (water & sewer) proximity	43.8%

19. Does your jurisdiction's site plan and development review encourage the following green Construction & Technology issues? (N=113)

	<u>Percent</u>
Day lighting	2.7%
Certified Green Buildings	15.2%
Energy Efficient Buildings	23.0%
Reduced Water Use	37.2%
Heat Island Reduction	11.6%
Passive and/or Active Solar Collection	6.2%
On-Site Renewable Energy Sources	4.5%
Light Pollution Reduction	20.5%
Green Roofs	8.9%
Permeable Paving	29.2%

20. Does your development review system offer fast-track, streamlining or other

development-review incentives to encourage green neighborhood design?
(N = 102)

	<u>Percent</u>
Yes	13.8%
No	70.2%
Don't Know	5.9%

21. Does your jurisdiction offer density bonuses or other incentives to developers for incorporating energy efficiency or sustainable elements into their projects?
(N = 104)

	<u>Percent</u>
Yes	10.6%
No	70.2%
Not now, but under consideration	14.4%
Don't know	4.8%

22. Does your jurisdiction have policies, plans, or regulations for the following?
(N=104)

	Yes	No	Don't Know
Greenways	45.0%	51.0%	4.0%
Water source and flow protection	74.5%	17.3%	8.2%
Tree preservation	87.5%	9.6%	2.9%
Tree planting	90.3%	5.8%	3.9%
Urban forest management	26.3%	66.3%	7.4%
Prime farmland preservation	5.3%	85.3%	9.5%
Green streets, bioswells, or rain gardens	11.2%	78.6%	10.2%

Housing and Green Building

23. Does your jurisdiction offer loans, grants, or rebates to encourage energy

efficiency or energy savings? (N=104)

	Yes	No	Don't Know
Upgrading or retrofitting buildings	9.6%	84.6%	5.8%
Upgrading heating ventilation and air conditioning systems	8.7%	84.5%	6.8%
Upgrading building electrical systems (including lighting)	7.8%	86.3%	5.9%
Upgrading appliances for energy conservation	9.7%	84.5%	5.8%
Solar hot water heating panels	6.9%	87.3%	5.9%
Solar PV panels	4.9%	89.2%	5.9%
Green roofs	1.9%	91.3%	6.8%
High reflection paving or roofing	1.9%	91.3%	6.8%

24. Does your jurisdiction offer permitting incentives to encourage the construction of energy efficient buildings? (N = 104)

	<u>Percent</u>
Yes	84.6%
No	10.6%
Don't Know	4.8%

25. Does your jurisdiction have green building requirements or guidelines based on LEED, FGBC, or Energy Star standards? (N = 102)

	<u>Percent</u>
Yes	15.7%
No	77.5%
Don't Know	6.9%

26. Are your green building actions part of a county-wide or region-wide coordinated effort? (N = 96)

	<u>Percent</u>
Yes	8.3%
No	79.2%

Don't Know	12.5%
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27. Are your green building guidelines or requirements part of a formal climate action strategy? (N = 96)

	<u>Percent</u>
Yes	6.4%
No	83.0%
Don't Know	10.6%

Transportation and Green Transit

28. What types of public transit are available in your jurisdiction? (N=117)

	<u>Percent</u>
Bus	68.3%
Express bus	5.7%
Rail	11.4%
Paratransit	34.3%
Public transit is not provided	24.5%

29. What “green transit” technologies has your jurisdiction adopted?

	<u>Percent</u>
Alternative fuels	9.5%
Hybrid technology	14.3%
LEED certified facilities	3.8%

30. Does your jurisdiction employ any strategies that seek to reduce vehicle miles traveled?

	<u>Percent</u>
Transit passes	6.0%
Carpool program	11.7%
Limit parking availability	4.9%

Bike sharing program	2.9%
Pedestrian infrastructure	26.2%
Mobility fees	2.9%
Public education on alternative modes	12.6%

Organization and Intergovernmental Relations

31. Does your government have a separate agency or office responsible for energy conservation/ sustainability?

	<u>Percent</u>
Yes	94.2%
No	2.9%
Don't Know	2.9%

32. Has your government engaged in any of the following collaborative actions related to land use related greenhouse gas emissions? (check all that apply)

	<u>Percent</u>
Worked with other agencies or local governments in activities such as an inventory of GHG emissions	5.9%
Joined a collaborative partnership with other local entities	12.4%
Entered into an informal agreement with one or more local governments	5.7%
Entered into an formal agreement with one or more local governments	1.9%
Enacted changes to your comprehensive plan or other local plans based on regional planning efforts	17.8%
None of the above	89.4%

33. To what extent would the following individuals or groups support or oppose energy conservation and climate protection efforts by your government? (1 = “Strongly Oppose” to 5 = “Strongly Support”)

	1	2	3	4	5
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City manager (or chief administrator)	2.3%	4.6%	13.8%	50.6%	28.7%
Chamber of commerce	2.5%	3.8%	35.0%	42.5%	16.2%
Neighborhood organizations	2.4%	3.6%	39.3%	39.3%	15.5%
Environmental groups	0.0%	0.0%	12.9%	18.8%	68.2%
Real estate developers	7.1%	20.2%	48.8%	17.9%	6.0%
Homeowner associations	0.0%	13.4%	52.4%	26.8%	7.3%
Local business	2.4%	15.3%	49.4%	24.7%	8.2%
The media	1.2%	4.9%	33.3%	44.4%	16.0%
The general public	1.1%	5.7%	35.2%	47.7%	10.2%
City council/ commission	2.2%	4.5%	20.2%	48.3%	24.7%
Members of city staff	0.0%	1.1%	16.5%	48.4%	34.1%
Key community leaders	1.2%	1.2%	30.2%	50.5%	17.4%