

Date April 15, 2022

Kelly, Please place the following Discussion Only topic on our next agenda.

Thank you, Mitz 

Topic: Sustainability

Sarasota County defines sustainability as satisfying our present needs without compromising the ability of future generations to meet their needs.

They are committed to environmental, social, and economic sustainability.

Their website states:

"To achieve the balance necessary for a sustainable community, this means;

1. replenish the resources we use or consume,
2. ensure our values guide us into the future,
3. and invest in our community to ensure future prosperity.

When local governments, businesses, and residents practice sustainability it enhances the economy, provides cost savings, saves taxpayer dollars, conserves resources, protects the environment, and helps make a healthier community."

Sarasota County's achievements are:

1. Designated a Gold level "Green Local Government" by the Florida Green Building Coalition in 2008 and 2015, and currently the second-highest scoring county in the state
2. More than \$4 million in grant funding, primarily focused on energy efficiency and sustainable economic development
3. \$1.5 million in Florida incentives through the Sustainable Energy Economic District Incentive Program
4. Reached 1,500 households with Energy Upgrade program, saving residents an estimated \$259,000 per year.

Sarasota County has a Green Building Program outlined in Resolution 2005-048; A Clean Energy Standard outlined in Resolution 2006-157, and a policy of expediting developments that include green building designs outlined in Resolution 2006-174

For discussion:

Are we interested in:

1. Discussing their resolutions?
2. Asking staff for recommendations?

Attached: Resolution 2002-119
 Resolution 2005-048
 Resolution 2006-157
 Resolution 2006-174

2002 MAY 10 AM 9:52
CLERK OF COUNTY COURT
SARASOTA COUNTY, FL

RESOLUTION NO. 02 - 119
RESOLUTION OF THE BOARD OF COUNTY
COMMISSIONERS OF SARASOTA COUNTY, FLORIDA

A Resolution of The Board of County Commissioners of Sarasota County, Florida which demonstrates a significant commitment on the part of Sarasota County Government (herein referred to as the "COUNTY"), to establish and implement policies, guidelines, goals and strategic actions to promote sustainability.

Whereas, Sustainability means satisfying our present needs without compromising the ability of future generations to meet their needs; and

Whereas, the COUNTY is committed to lead by demonstrating sustainable stewardship that will yield cost savings to taxpayers by reducing COUNTY operating costs, providing healthy work environments for COUNTY staff and visitors, protecting, conserving and enhancing the COUNTY'S resources, and establishing community standards of sustainable living practices; and

Whereas, the COUNTY is committed to designing, constructing, and operating COUNTY facilities to minimize environmental impacts by incorporating the use of resource and energy efficient materials, renewable resources, alternative energy sources, water conservation, waste reduction, pollution prevention; and

Whereas, environmentally preferred products are generally produced and disposed of in ways that have less negative impact on human health and the environment because they consume fewer natural resources and less energy, generate less waste, and release fewer pollutants; and

Whereas, the COUNTY approved the establishment of a recycled content materials procurement policy, and the implementation of various waste reduction techniques and recycling measures; and

Whereas, on May 19, 1998, the COUNTY joined the United States Department of Energy's Rebuild America program, establishing the Rebuild Sarasota County partnership; and

Whereas, this Resolution will establish the COUNTY as a leader in Florida in setting policies, guidelines, goals and strategic actions that will result in:

- a more sustainable community
- the use of renewable resources
- energy, water and cost savings through the construction, operation and maintenance of high performance buildings and landscapes
- the procurement of environmentally preferred products, materials and services
- increased recycling and materials reuse
- historical preservation
- waste reduction at the source

- healthier and more productive work environments
- less local and global adverse environmental impacts
- reduced County liability
- minimized future disposal infrastructure needs
- adoption of Environmental Landscape Management (ELM) practices

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF SARASOTA COUNTY, FLORIDA, in public meeting assembled:

That the County Administrator may direct COUNTY staff to develop policies, guidelines, and strategic actions for sustainable building practices for COUNTY facilities. The County Administrator may charge COUNTY staff with overseeing the development and application of the guidelines to all facilities; and

BE IT FURTHER RESOLVED:

That the County Administrator may direct COUNTY staff to develop policies, guidelines, and strategic actions for Environmentally Preferred Procurement (EPP) practices for the COUNTY Government, and that the County Administrator may direct COUNTY staff to oversee the development and application of the guidelines COUNTY wide; and

That the County Administrator may direct COUNTY staff to provide on-going training and education opportunities for affected staff to further sustainable stewardship, and that the County Administrator may direct COUNTY staff to develop, promote, and implement sustainable stewardship education programs within the community, and establish marketing partnerships to advance these principles; and

That the COUNTY shall be guided by established energy efficiency standards providing for an integrated whole building design approach to ensure the best processes are implemented through every phase of design, construction and renovation so that buildings realize substantial economic and environmental benefits through their entire life cycle; and

That for the COUNTY to achieve these initiatives, the County Administrator may direct COUNTY staff to explore the feasibility of an Office of Sustainability, its structure, potential funding sources and partners, future benefits, roles, responsibility, and related dynamics and present its recommendations to the Board of County Commissioners.

PASSED AND DULY ADOPTED BY THE BOARD OF COUNTY
COMMISSIONERS OF SARASOTA COUNTY, FLORIDA, the
7th day of May, 2002, A.D.

BOARD OF COUNTY COMMISSIONERS
OF SARASOTA COUNTY, FLORIDA

By: Nora Patterson
Chairman

Attest:

Karen E. Rushing, Clerk of Circuit
County and Ex-Officio Clerk to the
Board of County Commissioners,
Sarasota County, Florida

By: Paula J. Clinton
Deputy Clerk

RESOLUTION NO. 2006-157

2006 JUL 12 AM 10:24

**RESOLUTION OF THE BOARD OF COUNTY
COMMISSIONERS OF SARASOTA COUNTY, FLORIDA**

CLERK OF CIRCUIT COURT
SARASOTA COUNTY, FL

RE: A resolution pledging Sarasota County's commitment to extending its leadership in clean energy standards by developing building standards that require fossil fuel reduction for meeting energy needs. By the year 2030, new construction projects undertaken by the County would use no fossil fuel greenhouse gas-emitting energy to operate under this resolution.

WHEREAS, Sarasota County has already demonstrated its commitment to become a leader in clean energy technology that reduce greenhouse gas emissions; and

WHEREAS Sarasota County has established policies and programs that promote sustainability and conserve energy through Sustainability Resolution No. 01-119, Green Building Resolution No. 05-048, and Plug-in Hybrid Electric Vehicle Resolution No.05-278; and

WHEREAS, the Inter-Governmental Panel on Climate Change (IPCC), the international community's most respected assemblage of scientists, has found that climate disruption is a reality and that human activities are largely responsible for increasing concentrations of global warming pollution; and

WHEREAS, the U.S. building sector has been shown to be the major consumer of fossil fuel and producer of global warming causing greenhouse gases; and

WHEREAS, the U.S. Department of Energy estimates, as a whole, U.S. buildings use 36% of U.S. energy demand, 68% of the country's electricity, and nearly 40% of the U.S. natural gas consumption, and as a result, are responsible for 48% of the nation's SO2 emissions, 20% of the nation's NOx emissions, and 36% of the nation's CO2 emissions ; and

WHEREAS, the federal government through programs fostered within many of its key agencies and numerous state governments as well as municipalities across the U.S. have adopted high performance green building principles; and

WHEREAS, a recent study completed by Lawrence Berkeley National Laboratory, the most definitive cost-benefit analysis of green buildings ever conducted, concluded that the financial benefits of green building are more than 10 times the additional 2% cost associated with building green; and

WHEREAS, the large positive impact on employee productivity and health gains suggests that green building has a cost-effective impact beyond just the utility bill savings; and

WHEREAS, studies have indicated that student attendance and performance is higher in high-performance school buildings; and

WHEREAS, recognizing that a building's initial construction costs represent only 20-30 percent of the building's entire costs over its 30 to 40 year life, emphasis should be placed on the "life cycle costs" of a public building rather than solely on its initial capital costs; and

WHEREAS, the construction industry in the U.S. represents a significant portion of the economy and a significant portion of the building industry is represented by small business and an increase in sustainable building practices will encourage and promote new and innovative small business development throughout the nation; and

WHEREAS, the American Institute of Architects (AIA), the national professional organization representing architects has adopted a position statement calling for the immediate energy reduction of all new and renovated buildings to one-half the national average for that building type, with increased reductions of 10% every five years so that by the year 2030 all buildings designed will be carbon-neutral, meaning they will use no fossil fuel energy.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF SARASOTA COUNTY, FLORIDA, to adopt the following "2030 Challenge" for building performance targets:

- New construction of County buildings shall be designed to achieve a minimum delivered fossil-fuel energy consumption performance standard of one-half the U.S. average for that building type as defined by the U.S. Department of Energy.
- Renovation projects of County buildings shall be designed to achieve a minimum delivered fossil-fuel energy consumption performance standard of one-half the U.S. average for that building type as defined by the U.S. Department of Energy.
- All other new construction, renovations, repairs and replacements of County buildings shall employ cost-effective, energy-efficient, green building practices to the maximum extent possible.
- Policies will be implemented to reduce fossil fuel used to power buildings, outdoor lighting, transportation, etc., utilizing energy conservation and energy generated from clean, renewable sources such as solar, wind, hydropower, geothermal, biofuels, methane recovery and the integration of new clean energy technologies, including hydrogen for a diversified, clean and secure energy future.

NOW, THEREFORE, BE IT FURTHER RESOLVED that Sarasota County will work to increase the fossil-fuel reduction standard for all new buildings to carbon-neutral by 2030, in the following increments:

60% in 2010
70% in 2015
80% in 2020
90% in 2025

And ultimately, carbon-neutral by 2030, with the result that new buildings will use no fossil fuel greenhouse gas-emitting energy to operate; and

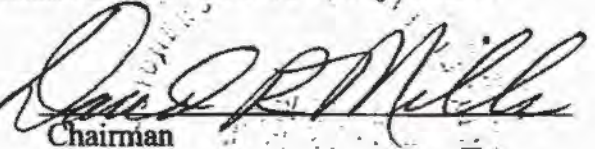
BE IT FURTHER RESOLVED, that Sarasota County will urge local governments around the nation to join this effort by developing plans to fully implement the above mentioned targets as part of their procurement process and by establishing policies to ensure compliance and measure results; and

BE IT FURTHER RESOLVED, that Sarasota County will urge local governments from around the nation to develop plans to fully implement the above mentioned targets for all new and renovated buildings within their jurisdictions; and

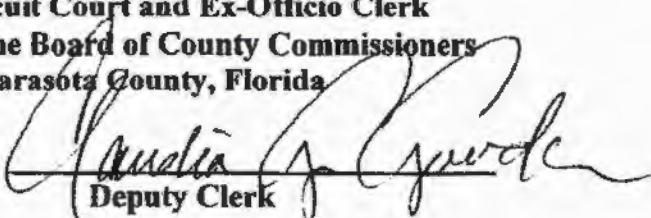
BE IT FURTHER RESOLVED, that Sarasota County will work in conjunction with ICLEI (International Council for Local Environmental Initiatives) Local Governments for Sustainability and other appropriate organizations to join this effort to develop plans to fully implement similar targets as mentioned above.

PASSED AND DULY ADOPTED BY THE BOARD OF COUNTY COMMISSIONERS OF SARASOTA COUNTY, FLORIDA, this 11th day of JULY, 2006.

**BOARD OF COUNTY COMMISSIONERS
OF SARASOTA COUNTY, FLORIDA**

By: 
Chairman

ATTEST:
KAREN E. RUSHING, Clerk of the
Circuit Court and Ex-Officio Clerk
of the Board of County Commissioners
of Sarasota County, Florida

BY: 
Deputy Clerk

RESOLUTION NO. 2006- 174
RESOLUTION OF THE BOARD OF COUNTY
COMMISSIONERS OF SARASOTA COUNTY, FLORIDA

A Resolution of The Board of County Commissioners of Sarasota County, Florida which demonstrates a substantial commitment of the part of Sarasota County (herein referred to as the "County"), to Green Building, and Green Development; and

Whereas, the County has already demonstrated its commitment to sustainable principles, practices and technologies through the County's Sustainability Resolution No. 02-119; and

Whereas, the County has already demonstrated its commitment to green building principles, practices, and technologies through the County's Green Building Resolution No. 2005-048; and

Whereas, the County is a member of the U.S. Green Building Council, The United States Department of Energy's Rebuild America Program, the United States Environmental Protection Agency's ENERGY STAR[®] program and the Florida Green Building Coalition, all of which advocate for higher performance buildings and developments; and

Whereas, The U.S. Green Buildings Council (USGBC) has developed the Leadership in Energy and Environmental Design (LEED) rating system that is a voluntary, consensus based certification program for design of sustainable buildings; and

Whereas, The Florida Green Building Coalition (FGBC) has developed the Florida Green Building Residential Designation Standard, the Florida Green Commercial Designation Standard, and the Florida Green Development Designation which are voluntary, consensus based certification programs for the design of sustainable green buildings and developments; and

Whereas, high performance sustainable buildings and developments are a means of balancing economic development with the preservation of the quality of life;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF SARASOTA, FLORIDA, in public meeting assembled:

That it shall be the policy of the County to expedite the processing of Developments of Critical Concern (DOCC), amendments to sector plans, rezone and special exception petitions, site and development plans, and building permit applications for those developments which meet the following standards for green buildings or green developments and where the owners, developers and/or builders agree to the following conditions in a written agreement:

1. Rezone or special exception petitions for a proposed "Green Development" shall include the application and documentation required by the Florida Green Building

**PASSED AND DULY ADOPTED BY THE BOARD OF COUNTY
COMMISSIONERS OF SARASOTA COUNTY, FLORIDA THIS 22nd DAY OF
August, 2006.**

ATTEST:

KAREN E. RUSHING, Clerk of the
Circuit Court and Ex-Officio Clerk of the
Board of County Commissioners of
Sarasota County, Florida Solar Energy Center

BY: _____
Deputy Clerk

RESOLUTION NO. 2005 048
RESOLUTION OF THE BOARD OF COUNTY
COMMISSIONERS OF SARASOTA COUNTY, FLORIDA

2005 MAR 21 PH 12: 26

A Resolution of The Board of County Commissioners of Sarasota County, Florida which demonstrates a substantial commitment on the part of Sarasota County (herein referred to as the "County"), to finance, plan, design, construct, manager, renovate, commission, maintain, and deconstruct County facilities in accordance with sustainable building standards.

Whereas, the County has already demonstrated its commitment to sustainable principles, practices, and technologies through the County's Sustainability Resolution No. 02-119; and

Whereas, the County is a member of the U.S. Green Building Council, The United States Department of Energy's Rebuild America Program, the United States Environmental Protection Agency's ENERGY STAR ® program and the Florida Green Building Coalition, all of which advocate for high performance buildings; and

Whereas, The U.S. Green Buildings Council (USGBC) has developed the Leadership in Energy and Environmental Design (LEED) rating system that is a voluntary, consensus based certification program for design of sustainable buildings. LEED buildings conserve materials, energy, water and other natural resources as well as provide occupants with healthier and more productive interior environments; and

Whereas, high performance sustainable building and development is a means of balancing economic development with the preservation of quality of life; and

Whereas, the County has set an example and demonstrated its commitment and leadership through high performance design and construction beginning with the Florida House Learning Center, the Twin Lakes Park Green Office Complex, the North County Library, and obtaining an ENERGY STAR rating for the Judicial Center; and

Whereas, private entities within Sarasota County are voluntarily building high performance or "green" sustainable buildings, beginning with the Kimal Lumber Company Learning Center, the Whole Foods Market, and the Gulf Coast Girl Scout Council Campus; and

Whereas, architects, developers, and builders within Sarasota County are voluntarily making the commitment to design and construct to green building standards beginning with Schroeder Manatee Ranch (SMR) - Lakewood Ranch, Westwater Construction, Inc. (WCI) Communities, and The Granada; and

Whereas, high performance buildings provide occupants and visitors with a healthier and more productive environment and this increase in worker productivity can produce enormous economic benefits, as worker salaries are historically an organizations largest expense; and

- e) "FGBC" means the Florida Green Building Coalition;
- f) "green building" means generally the resource efficient design, construction, and operation of buildings by employing environmentally sensible construction practices, systems, and materials;
- g) "GHDS" means the Green Home Designation Standard of the Florida Green Building Coalition;
- h) "LEED" means the most recent edition of the Leadership in Energy and Environmental Design Green Building Rating System, of the United States Green Building Council;
- i) "private" means property not owned by the County of Sarasota, Florida;
- j) "Program" means the Sarasota County Green Building Program;
- k) "program certification" means the final designation awarded to a program participant for satisfying all requirements associated with the Program for a particular project;
- l) "program participant" means any person or entity seeking program certification for a particular project;
- m) "project" means any construction associated with the creation, development, or erection of any building eligible for the Program;
- n) "Project Application Form" means the form submitted to the Inspection and Permitting Services indicating that a program participant is interested in participating in the Program for a particular project;
- o) "sub-program" means any construction covered by the Program;
- p) "USGBC" means the United States Green Building Council

Intent and Purpose

The purpose of the Program shall be to provide the Sarasota County community with a certification-based "green building" program. It is expected that the County owned civic or office construction projects will follow the program guidelines. This Program will be voluntary for all others. This program will promote sustainable and environmentally-friendly design and construction practices.

Designation of Responsibility for Administration and Implementation.

The Program shall be administered by the Planning & Development Services Business Center, Inspections & Permitting Services, which shall be responsible for:

- a) Funding the Program through annual funds budgeted and appropriated by the Board of County Commission;
- b) Marketing the Program to the Sarasota County community by any reasonably effective means, including but not limited to print advertising, press releases, television advertising, or advertising in monthly mailers;
- c) Developing any appropriate or necessary application procedures, including but not limited to, the Program Application Form;
- d) Providing an incentive award to any program participant who has successfully satisfied the requirements associated with that incentive; and
- e) Resolving any disputes that may arise from implementing the Program.

- c) Review. For the purpose of this section of the Program, a program participant shall be bound by the standard designated for a particular sub-program unless the program participant both requests, to be certified under a more current version of a designated standard and the request is approved by Inspections & Permitting Services.

Incentives

The Program shall consist of incentives designed to encourage the use of the Program.

- a) All sub-programs. For any program participant seeking program certification for new residential construction, residential retrofitting/remodeling, new commercial/non-county construction or new County owned civic or office construction, the County's Development Services Fund 102 shall provide the following incentives:
- 1) Fast-track permitting for building permits;
 - 2) Reduced building permit fee, which shall equal fifty percent, up to a maximum of \$1,000 of the building permit fee subject to availability of funds;
 - 3) No person or entity shall receive more than \$5,000 in permit fee refunds;
 - 4) A maximum of \$50,000 per year shall be spent on building permit fee refunds;
 - 5) Final project designation by the County.
- b) Marketing for all sub-programs. For any program participant seeking program certification for new residential construction, residential retrofitting/remodeling new commercial/non-county construction, or new county owned civic or office construction projects, the County shall provide the following marketing incentives, including but not limited to:
- 1) The erection of building site signs designating a project under the Program;
 - 2) The inclusion of program participants on a County webpage dedicated to the Program;
 - 3) The creation of promotional packages, such as a program logo for a program participant's advertisements or brochures;
 - 4) Press releases; and
 - 5) Information about available financial programs, including but not limited to those associated with Fannie Mae/Freddie Mac.
- c) Green Building Award. For the purpose of publicly recognizing outstanding commitment to "green building" the Program shall provide for an award called the "Green Building Award" to be awarded annually by the Board of County Commissioners to one program participant in each sub-program.