



## CLIMATE ACTION PLAN IMPLEMENTATION GUIDE

### 2010-2011 Academic Year

*(Includes revisions and updates to 2009 CAP Implementation Guide)*

Note: In August 2010, LGLG members attended a strategic planning retreat to implement a timeline for achieving CAP strategic objectives. The priorities below are for the 2010-2011 academic year. Upon review, LGLG elected to streamline and consolidate strategy statements. Although placement for strategic objectives may have changed, nothing was removed or significantly altered.

#### 2010-2011 LGLG PRIORITIES

1. Resource and Energy Conservation
  - Collect and analyze sub metering data for individual buildings on campus to facilitate tracking of progress toward energy conservation
  - Promote student competition in recycling, energy use, conservation, and related areas
2. Sustainable Cuisine
  - Support the “Grow-it-Local Greenhouse Initiative” to provide fresh, locally grown produce for use on-campus and in the community
  - Support a compost initiative that will align with the greenhouse project
3. Student Commitment
  - Develop a summer reading program for incoming freshmen
  - Design and phase in a faculty development program
  - Begin development of a curricular summer experience program in sustainability
4. Financing Sustainability
  - Begin work on a finance plan to fund future sustainability-related projects and initiatives
5. Media and Outreach
  - Further promote LGLG activities and news through the LGLG Facebook page
  - Collaborate more closely with FSU’s Office of News and Media Services
  - Condense the LGLG web page and make it more interactive
  - Capture and communicate sustainability success stories

#### LINKING PRIORITIES WITH CAP OBJECTIVES

<b>2010-2011 PRIORITY CAP STRATEGIES</b>	<i>Annual priorities established by LGLG are linked with CAP objectives for implementation in AY 2010 - 2011</i>
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#### Foundational Objectives

Objective	Timeline	Progress	Budget	Assessment Metric
FD.1 Sustainability Leadership Structure	ongoing	Mr. Gingerich hired in March 2010		Track hrs devoted to sustainability
FD.2 Implement Project/Task Force Model	ongoing	In progress		track projects annually
FD.3 Shift to Renewable Purchased Energy	ongoing	Over 15% of bought electricity from renewables in 09-10		% purchased annually
FD.4 USM Communication, Policy & Guideline Identification				Track recommendations
FD.5 Offset Plan				TBD

#### Tracking Objectives

Objective	Timeline	Progress	Budget	Assessment Metric
TR.1 Tracking Emissions and Resource Use				GHG inventory
TR.2 Sub-metering Analysis System	10-11			Is data being collected in timely manner?
TR.3 Surveys and Benchmarking	10-11			Participation count in surveys and tools
TR.4 Tracking Sustainability in Academics				Enrollment counts in sustainability courses

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## Mitigation Objectives – Reduce, Reuse, Recycle

Objective	Timeline	Progress	Budget	Assessment Metric
MR.1 Mitigation Consultation Services		NORESCO report submitted to facilities but not yet shared		TBD
MR.2 Resource and Energy Conservation Plan	10-11	In progress via logo, sticker/permanent poster campaign		Use of sub-metered data
MR.3 Recycling	ongoing	Fulltime recycling coordinator hired		Weights submitted weekly
MR.4 Composting				Tracking weights regularly
MR.5 Transportation Plan				Surveys, fleet mileage

## Mitigation Objectives – Land Use and Food

Objective	Timeline	Progress	Budget	Assessment Metric
ML.1 LEED and Renewable Energy for New Construction				Is it being done
ML.2 Grounds Maintenance and Forest Preservation				Forest acreage
ML.3 Sustainable Cuisine	10-11	Greenhouse proposal from Paul Kazyak and others		Level of sustainable food consumption

## Education and Research Objectives

Objective	Timeline	Progress	Budget	Assessment Metric
ER.1 Minor in Sustainability Studies	ongoing	Minor announced in spring 2010		Minor enrollments, degrees
ER.2 Sustainability Toolbox				"Hits"
ER.3 Sustainability and Co-curricular Activities	ongoing			Attendance at co-curricular activities
ER.4 Sustainability in the GEP	ongoing	IDIS/SUST 155 to be offered in spring 2011		GEP enrollments
ER.5 Faculty Teaching Pledge				Faculty sign up counts
ER.6 Bio-fuel/Renewable Energy Research and Education	ongoing	Being partially met through Soysal's SERF project		Surveys

## Outreach Objectives

Objective	Timeline	Progress	Budget	Assessment Metric
OT.1 Work study/VISTA Worker				Do we have one?
OT.2 Student, Faculty, Staff Commitment	ongoing			Surveys
OT.3 Business Alliances		Alliances established with Honest Tea, Bethesda Green		# of alliances
OT.4 FSU Hiring Guidelines				Is sustainability mentioned by HR?
OT.5 Sustainability Award System				# awards, applicants
OT.6 Media Toolkit	ongoing	LGLG Facebook page		# press releases, awards, etc.

## Finance Objective

Objective	Timeline	Progress	Budget	Assessment Metric
FN.1 Sustainability Finance Plan	10-11	Under development		Is it done?

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## CLIMATE ACTION PLAN OBJECTIVES

### Foundation Strategies (FD)

**FD.1 – Sustainability Leadership Structure** – FSU administrators will establish a permanent Office of Sustainability with a program budget and Sustainability coordinator.

**FD.2 – Implement Project/Task Force Model** – LGLG will adopt a project focus for all new projects and initiatives that are tied to achieving all subsequent climate action plan strategies.

**FD.3 - Shift to Renewable Purchased Energy** – The Sustainability Office will collaborate with administrators to annually purchase 15% of electricity from renewable energy, with a transition to 100% renewable energy by 2030, falling in line with target dates for climate neutrality whenever possible.

**FD.4 - USM Communication and Policy & Guideline Identification** – LGLG will communicate with USM representatives to share information and needs as related to achieving emissions reduction goals. When applicable, policies and guidelines will be recommended to facilitate the goal of climate neutrality. Examples discussed previously include a no idling policy, travel reduction guidelines.

**FD.5 - Offset Plan** – LGLG will research and recommend offsetting strategies to ensure responsible and verifiable use of offsets in achieving climate neutrality goals.

### Tracking Strategies (TR)

**TR.1 - Tracking Emissions and Resource Use** – Tracking representatives will work with facilities to continuously improve tracking methods used in determining emissions. Areas of focus include resource use and emissions from transportation, utilities in external locations, and solid waste and recycling. TR

**TR.2 - Sub-Metering Analysis System** – Tracking representatives will collect and analyze sub-metering data for individual buildings to improve methods of tracking and managing energy use between buildings. TR

**TR.3 – Surveys and Benchmarking** – Tracking representatives will develop and administer internal surveys and submit sustainability data to external review and rating systems to facilitate tracking and establish and maintain benchmark comparisons. TR

**TR.4 - Tracking Sustainability in Academics** – Tracking representatives will collaborate with Academic Affairs to track courses related to sustainability, curricular and co-curricular sustainability activities, academic research in sustainability, and use of the sustainability toolbox. TR

### Mitigation through Reduce, Reuse, Recycle (MR)

**MR.1 - Mitigation Consultation Services** – Mitigation representatives will review the NORESO report issued in fall 2009 and provide recommendations to facilities. MR

**MR.2 - Resource and Energy Conservation Plan** – LGLG will collaborate with others across campus to develop a plan for energy and resource conservation across campus. Areas of focus include residence halls, computing technology, and lighting. Outreach is a major component of this objective. MR

**MR.3 - Recycling** – The Office of Sustainability will promote recycling on campus through added resources and education/outreach. soc

**MR.4 - Composting** – Mitigation representatives will work with dining services to establish a campus composting site and program. LGLG

**MR.5- Transportation Plan** – LGLG will develop a plan for reducing emissions from transportation on campus. The plan should include parking recommendations, maintenance and replacement of the FSU fleet, guidelines on reducing FSU travel when possible, and outreach campaigns geared at reducing excessive driving. MR

### Mitigation through Land Use and Foods (ML)

**ML.1 – LEED and Renewable Energy for New Construction** – The Office of Sustainability will work with facilities to ensure that all new buildings are built LEED silver-certified or higher and are powered with renewable energy through purchase of renewable energy credits or other sources. soc

**ML.2 - Grounds Maintenance and Forest Preservation** – LGLG will work with administrators and facilities to establish guidelines for sustainable grounds and forest spaces on campus. Areas of concern include on-campus forest preservation and restoration, use of native plants versus non-native species, use of salt on sidewalks, idling vehicles, use of motorized tools in place of hand tools, use of organic fertilizers, and minimal grass length before required mowing. LGLG

**ML.3 - Sustainable Cuisine** – LGLG will work with food service providers to develop a plan for acquiring, serving, and selling foods that are sustainable. LGLG

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### Education & Research Strategies (ER)

**ER.1 - Minor in Sustainability Studies** – CLAS Sustainability Committee representatives will work to establish a minor in Sustainability by 2010.

**ER.2 - Sustainability Toolbox** – Education representatives will assist with the implementation of a web-based toolbox that is accessible to all FSU students, faculty, and staff.

**ER.3 - Sustainability and Co-curricular Activities** – Education representatives will work to establish one or more of three co-curricular sustainability options for students.

**ER.4 - Sustainability in the GEP** - CLAS Sustainability Committee representatives will select one of the proposed methods of incorporating sustainability into the General Education Program for the 2011 catalog.

**ER.5 - Faculty Teaching Pledge** – Education representatives will collaborate with others on campus to implement a voluntary faculty teaching pledge for faculty committed to including sustainability topics in the classroom.

**ER.6 - Bio-fuel & Renewable Energy Research and Education** – LGLG will make research of bio-fuel and renewable energy a priority by seeking interest and funding.

### Outreach Strategies (OT)

**OT.1 – Work Study/VISTA Worker** – The Office of Sustainability will secure a work study student or VISTA worker to help coordinate community outreach activities on campus and beyond.

**OT.2 - Student Commitment** – LGLG will seek student commitment to sustainability and reducing FSU's carbon footprint.

**OT.3 - Business Alliances** – Outreach representatives will form alliances with regional businesses to share best practices and facilitate environmental consciousness.

**OT.4 - FSU Hiring Guidelines** – LGLG will collaborate with Human Resource representatives to identify ways to attract new employees that have an interest in sustainability education and research.

**OT.5 - Sustainability Award System** – Outreach representatives will establish an award system that rewards FSU students, faculty, and staff that take part in sustainability efforts.

**OT.6 – Media Toolkit** – Outreach representatives will build and establish a media toolkit and plan for promoting events and communication through local, state, national, and social media.

### Finance Strategies

**FN.1 – Sustainability Finance Plan** – LGLG will develop and present a plan for financing various sustainability initiatives. Areas covered should include a revolving fund for mitigation strategies, grants and external funding for research in sustainability, potential for a sustainability fund through the FSU Foundation, and potential for establishing a sustainability alumni foundation.