

# The Evergreen Heritage Center Feasibility Study Planning



**Sustainability in Mountain Maryland**  
*Preservation, Conservation, Education*

# Evergreen Heritage Center



# The Vision



- **The Vision:** Students, teachers, researchers, & guests all visiting Evergreen to learn about, enjoy, & help preserve Maryland's heritage, now and in the future



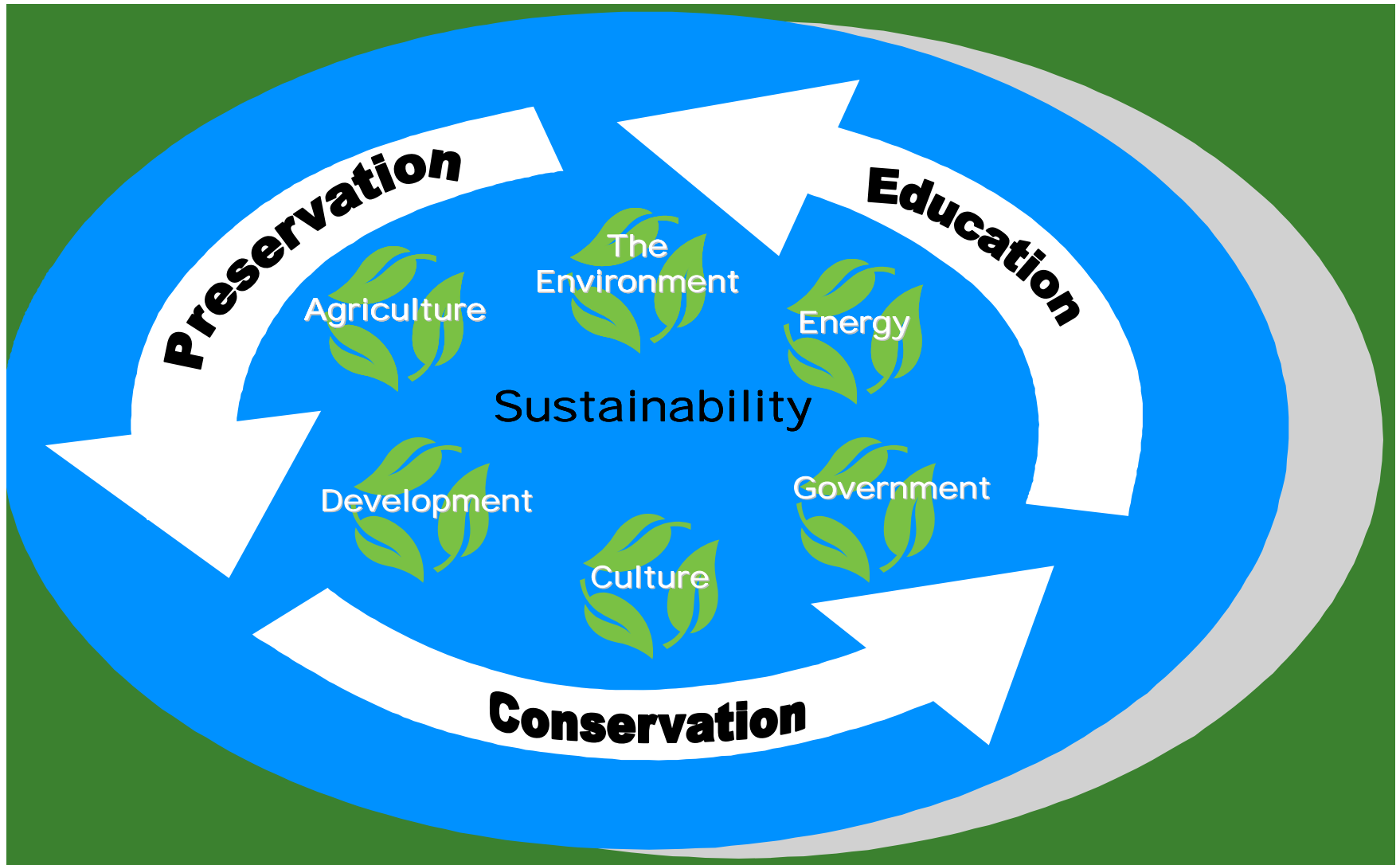
# The Preliminary Plan



<b>Mission</b>	<ul style="list-style-type: none"><li>▪ <b>Preservation</b></li><li>▪ <b>Conservation</b></li><li>▪ <b>Education</b></li></ul>
<b>Objectives</b>	<ul style="list-style-type: none"><li>▪ <b>Provide <u>educational programs</u> that align with this mission as it relates to the objectives of the academic, arts, and business communities</b></li><li>▪ <b>Develop sources of income from those “mission” programs as well as from <u>additional subsidizing programs</u> e.g. tourism</b></li></ul>
<b>Action Plan</b>	<ul style="list-style-type: none"><li>▪ <b>Develop a <u>consortium</u> of interested parties e.g. FSU, ACM, the Allegany County Board of Education, the Allegany Arts Council</b></li><li>▪ <b>Establish a <u>financially viable sustainable partnership</u></b></li></ul>

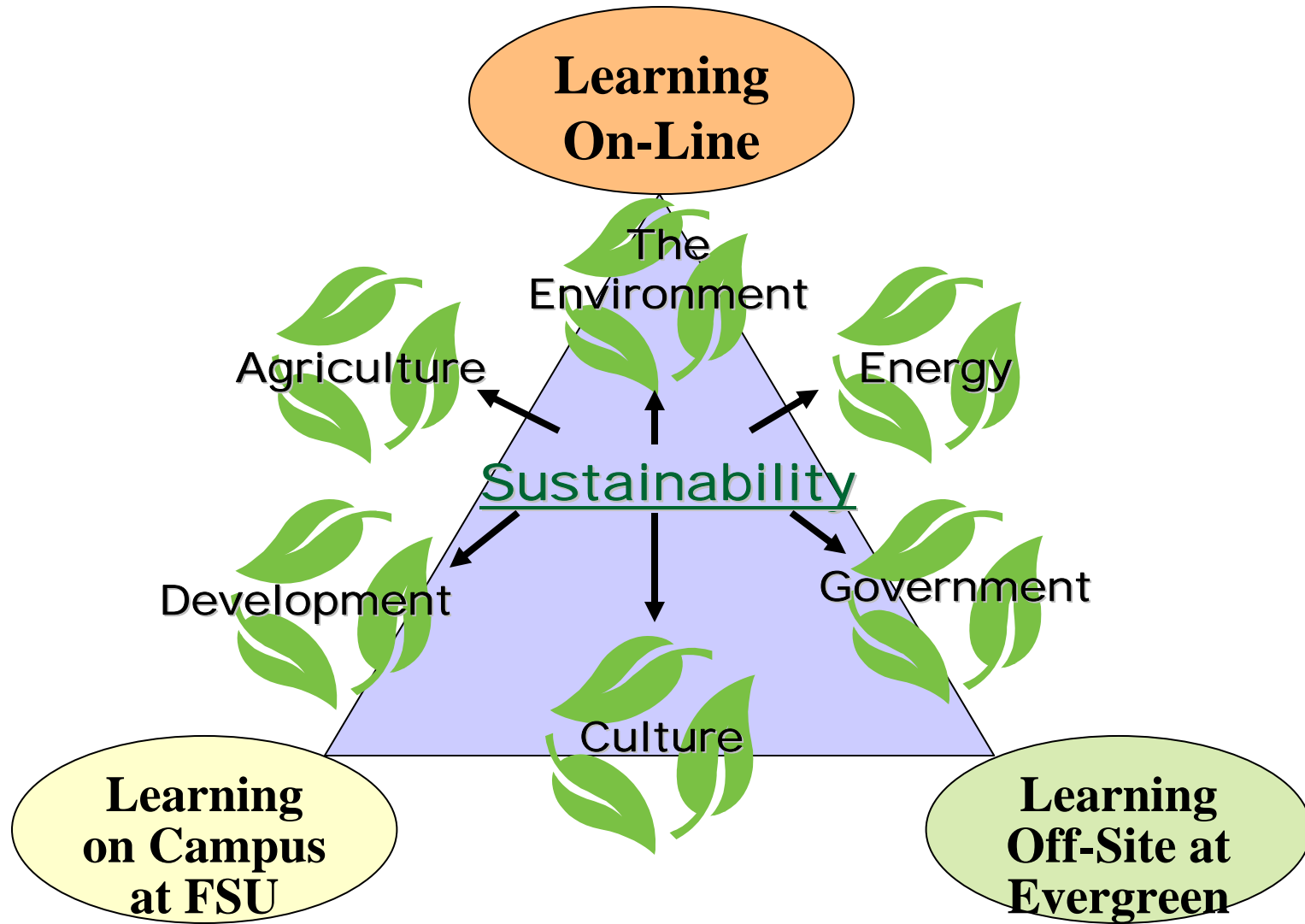
**Next Step: Conduct a Feasibility Study**

# Sustainability: The Common Theme



“Sustainability means meeting the needs of the present without compromising the ability of future generations to meet their own needs.” *Source: the Environmental Protection Agency*

# An Integrated Approach



# An Integrated Approach: Learning On Campus at FSU



**Classroom Instruction:** Learning the Connection Between People and Plants



**The FSU Campus**



**Learning Best Practices:**  
FSU Campus Recycling



**Learning Best Practices:**  
Energy Alternatives



**Learning to Observe the World Around Us:**  
FSU Campus Ethnobotanical Trail

# An Integrated Approach: Learning On-Line



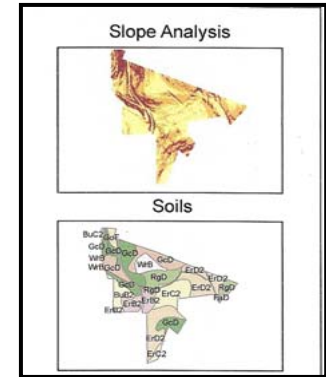
*Water Chemistry*

Site	pH	Dissolved Oxygen (mg/L)	Specific Conductance (μS/cm)	Temperature (°Celsius)
1	4.16	9.59	409	9.74
2	3.73	9.74	1558	10.19
3	3.75	9.84	1384	10.04
4	3.45	9.09	483	8.15
5	2.97	9.46	1848	9.96
6	4.03	9.14	1597	10.55
7	3.10	9.39	1911	10.24
8	3.49	9.4	1564	7.48
9	2.94	9.71	390	9.12
10	5.00	6.66	429	10.5
11	4.24	7.09	612	9.58

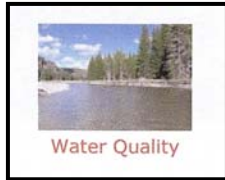
**Data Collection**







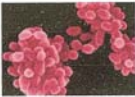


**Careers**



**Maps**



**Ongoing Projects**


 Amphibians	 Birds	 Fish	 Mammals
 Wildlife Diseases	 Vegetation	 Aquatic Nuisance Species	

**Tutorials**



**Available Classes,  
Demonstrations,  
and Workshops**

**Introduction**



**Multiple Choice with feedback, of course.**  
Answer 4 math questions to highlight facts about Charlie's family. Story problems deal with percents, circumference, height and converting time

**Activities**

# An Integrated Approach: Off Site Learning at Evergreen



**Evergreen Learning Center**



**Demonstrations of  
Environmental Best Practices**



**Evergreen Barn**



**Evergreen Museum**



**Evergreen Trail and  
Learning Stations**



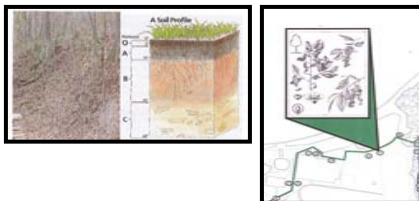
**Evergreen Streams**



**Evergreen Wildlife**



**Great Allegheny Passage**



**Evergreen Pond**



**Evergreen Forest**



**Future Pavilion**

# The Evergreen Trail



- ***Located along the tram road of a World War I mining operation***
- ***Currently offers 22 points of interest***
- ***Features three “Big Vein” coal mine sites from the early 1900s plus the slate bank created from the mines***
- ***Includes the remains of the miners’ boarding house, mule stable & blacksmith shop and forge***
- ***Also features the 225 year old Evergreen barn, the pond, and the sites of the apple, pear, and peach orchards***



**Future plans include expanding the trail, developing new signage, and adding learning stations**

# Developing the Learning Stations



**Planning:** Content, Funding, Operation/Maintenance, Promotion

Design

Demonstration

Illustrations

Signage

Construction

Learning Materials

Assessment & Adjustment

Maintenance

*Planning, development, implementation, use, and maintenance of the learning stations can yield real-life, hands-on experiences for students in the schools of business, education, and arts & sciences*

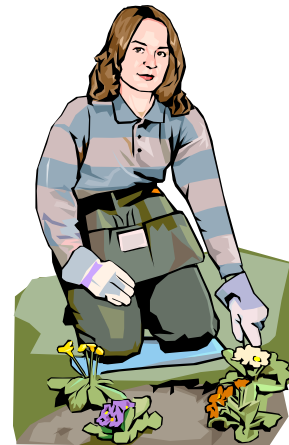
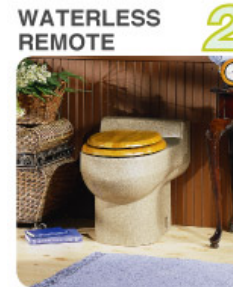


Learning stations can educate students on the environment, agriculture, energy, history and more

# Developing Demonstrations of Best Practices

## Potential demonstrations include:

- Energy Audit
- Composting Toilets
- Geothermal Heating/Cooling
- Solar Hot Water
- “Wood to Energy”
- Stream Renewal
- Living Pond
- Noninvasive Timber Harvesting
- Rain Garden
- Restoration of Native Habitat
- Communal Farming



**Partnerships between the academic, arts, and business communities can create best practice demonstrations to teach lessons in sustainability to students of all ages**

# The Resulting Benefits



- Education programs that provide students with
    - Hands-on learning
    - Real-life experiences
    - Interdisciplinary lessons
    - Interaction with the business and arts communities
  - Education programs that
    - Respond to the needs of the community
    - Teach best practices in sustainability
    - Serve as a catalyst for economic development
-

# The Impact



Preservation of  
Maryland's heritage



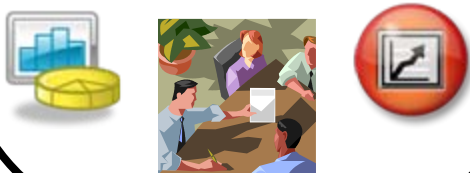
Leverage of shared  
partner resources



Allegheny County  
showcase



Economic  
development



Enriched educational  
experience



Sustainability

