

Sustainable Real Estate Development

Fall Course - Class 1

Course Objectives

- Site & Plan a Sustainable development
- Identify methodologies for Sustainable Development
- Understand Triple Bottom Line Dynamics
- Evaluate Team Plan

Course Outcomes

- Potential Development Project financed by Safflyn or partner
- Employment Opportunity
- Partnership
- Advisor

Key Items

- Accountability Plan
- Milestones
- List of Benefits
- Emissions Reductions
- Energy Consumption
- Advantage of Plan

Helpful Resources

- Associations
- Government
- Non-Profits
- Universities
- Manufacturers
- Logistics Providers

About Your Instructor

- CEO – SAFFLYN CORPORATION– Carbon Emissions Management
- Environmental Developer – 10 years
- Owner – Gelston Castle Estate – Carbon Neutral Development
- Founder – Green Leadership Institute
- Committee Member – LEED-ND
- Outdoorsman, Athlete, Musician, Writer

What is Sustainability?

- Economic Considerations
- Environmental Considerations
- Lifecycle Planning
- Materials / Labor / Resource Management
- Future Value

Development Model

- What type of Development is best?
- What is the impact?
- Is the model scalable?
- How does the model improve the area?
- What are the restrictions?
- Where does the impact of development balance with the impact for community?

Community Benefits

- What advantages does the Development offer?
- Are there environmental benefits?
- Are there economic benefits?
- How does the development mitigate existing environmental problems?
- What results can be tracked for measurable improvement?

Developer Benefits

- What is the bottom line profit?
- Are there hidden cash flows?
- How will the hidden value of the project be revealed?
- Where are the advantages to this development that can be replicated?
- Is it Brandable?

Unexpected Outcomes

- Long term project value
- Future cash flows
- Return on assets
- Project performance
- Emissions Reductions

Green Economics

- Lower Impact on environment
- Carbon Footprint helps understand overall impact
- Reduction can generate hidden cash flow
- Environmental Performance Measurement
- Lowers expenses overall

Important Terms & ACRONYMS

- LEED – USGBC
- Energy Star – US DOE
- BPI – Building Performance Institute
- NYSERDA – NY STATE GOV
- Carbon Emissions - CCX
- Kyoto Protocol – UNEP
- Clean Energy
- Carbon Neutral

Expectation & Contact

- Prepare before every class
- Deliver best quality effort
- Demonstrate Teamwork
- Seek the most profitable course – not just money

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