Appendix K – Community Meeting Presentation

Sustainable Energy Parks: A New Land Use for Former Mine Land

A WVU West Virginia Water Research Institute Project

funded through An US EPA Brownfields Grant

Project Description

<u>Overall Project Goal:</u>

- This pilot project is developing a framework for the establishment of Sustainable Energy Parks (SEPs) on former mine sites in Appalachia.

<u>A Sustainable Energy Park defined:</u>

- *a former mine site with sufficient space, physical characteristics, infrastructure, and stakeholder support to accommodate the production of renewable energy products*

Proposed Work in McDowell County

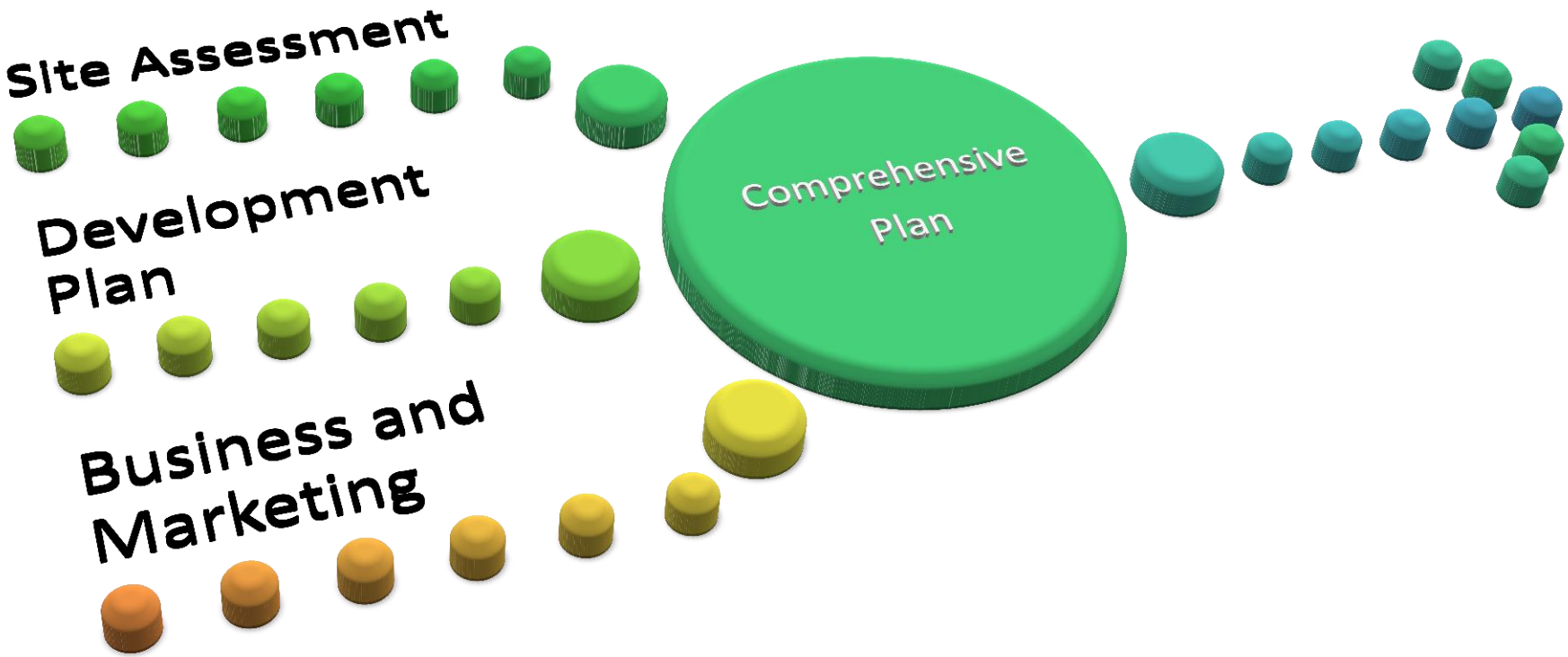
Goal:

To promote financial and community investment in McDowell County through the Sustainable Energy Park Model

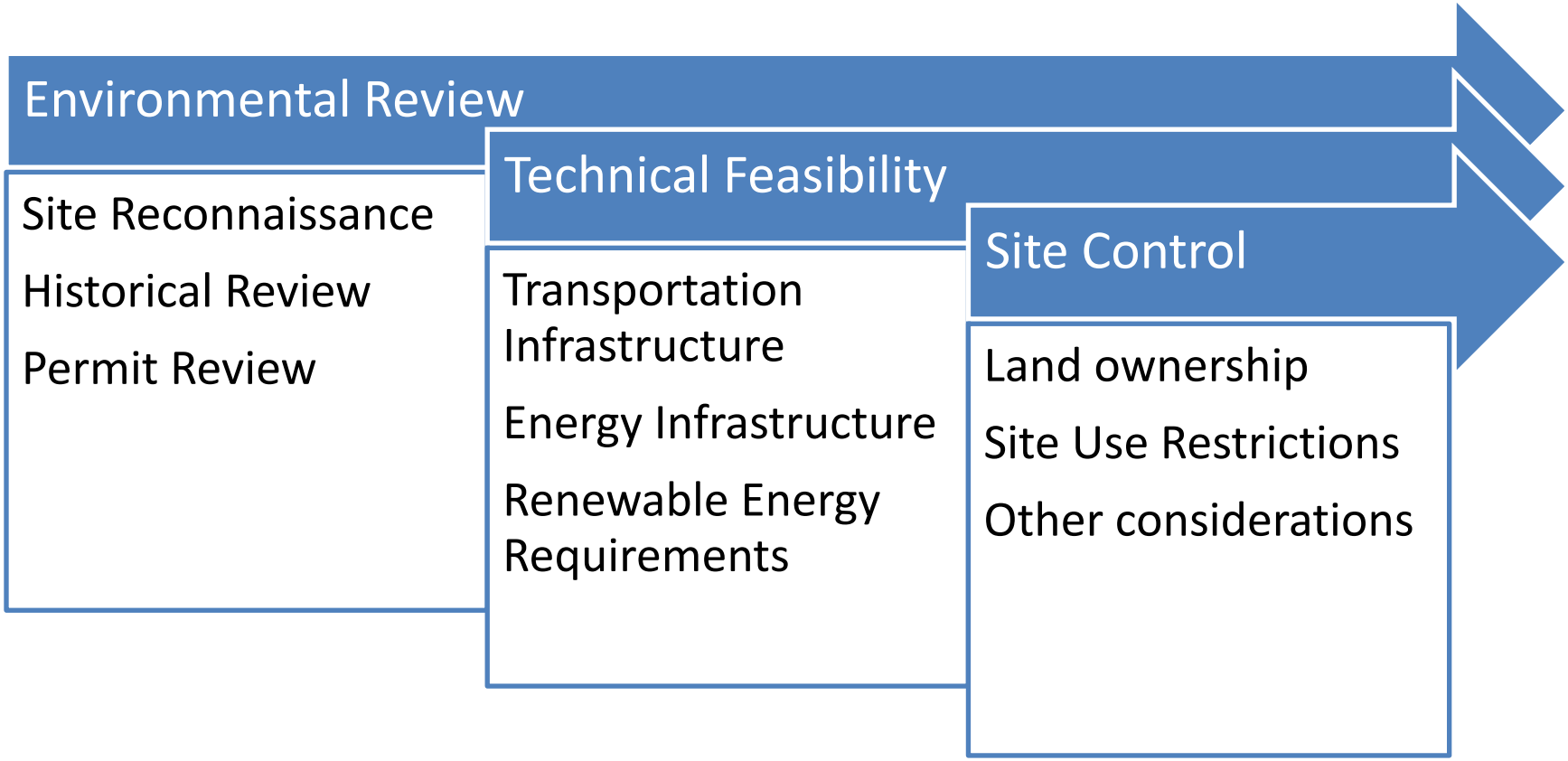
Objective:

Provide a Comprehensive Development Plan for a Sustainable Energy Park on the Indian Ridge Site

Comprehensive Plan Components



Site Assessment



Development Plan

Community Engagement

Stakeholder Input

Community Health Safety and General Welfare

Education on the Project

Site Design

- Visualization of Input

-Adjacent Site Impacts

-Landscape Considerations

Site Layout

Proposed siting of alternative energy uses

Structure location

Proposed Infrastructure Location

Business and Marketing Plan

Financial Considerations

- Installation Costs
- Energy Costs
- Review of Grants and incentives

Business Plan

- Financial Values Expected
- Management and Operations Possibilities
- Potential Markets

Marketing Showcase

- Creation of project showcasing materials
- Targeting Investors
- Event on September 5th at Glade Springs

Anticipated Project Benefits to McDowell EDA

- Sustainable Energy Park Comprehensive Plan for development of the site
- Spotlight on the potential of a SEP site in the community to attract the attention of developers, investors, employers, and others.
- Technical assistance from experts in biofuels growth, harvesting, and processing; wind energy; solar energy; geo-thermal energy; land use planning; business development; and marketing.
- Detailed information on the selected former mine site.
- Promotion of the site and the area via the Showcase Event