

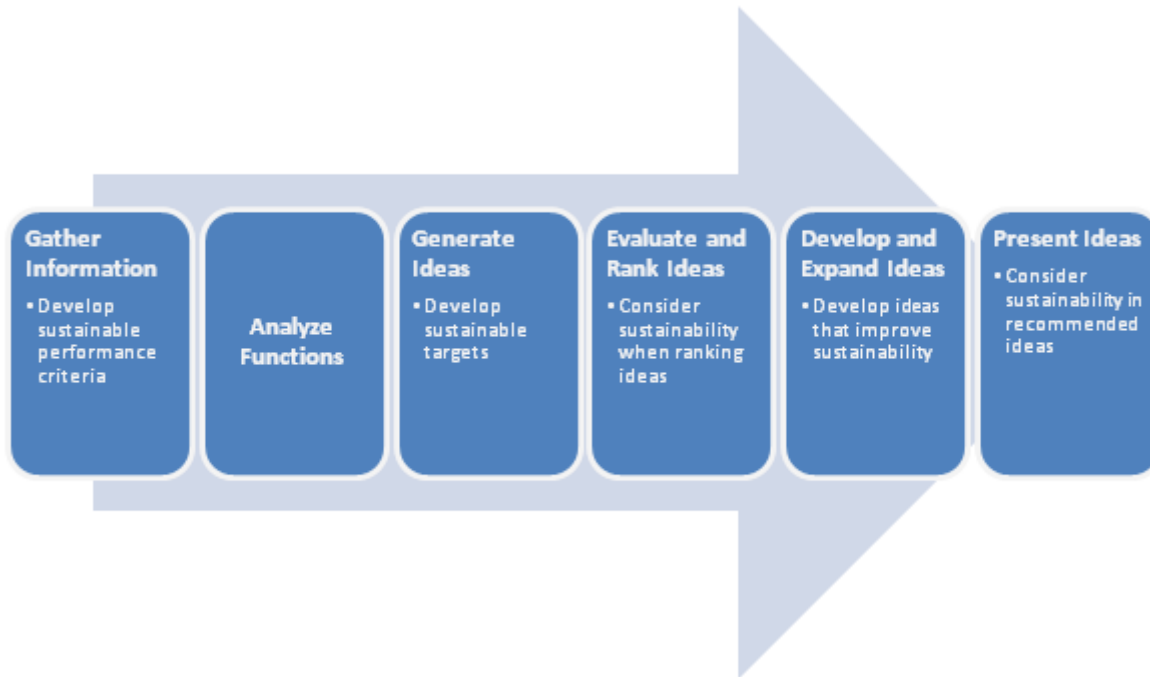
# Sustainability and Value

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Value Analysis/Value Engineering helps improve project value and achieve green building environmental certification such as LEED. VA also helps build consensus among stakeholders.

Sustainability can be integrated within the VA process.

## *Sustainability within VA Process*



## *VE Can Help Teams and Projects Be More Sustainable*

- Multi-disciplinary approach helps explore sustainability from other perspectives
- Sustainability can be used as a performance criterion
- Different elements of sustainability can be weighted
- Sustainability can be a brainstorming target
- VE teams can consider sustainability in making recommendations
- Improved sustainability can be the goal of a VE workshop

## *Project-Specific Sustainability Performance Measures in VE Studies Can Include:*

- New Land Area Paved
- Property Impact
- Forest/Vegetative Area Impacted
- Wetland/Water Body Impact
- Stormwater Management
- Multiple Transportation Modes

- Recycling/Reuse of Materials
- Use of Regionally Available Materials

**Sustainability Issues Are Addressed Within Other Performance Criteria Such As:**

Sustainability Issue	Performance Criteria	Consideration
Greenhouse Gas Emissions	Traffic Operations	– Avoid queuing
	Maintainability	– Fewer delays and queuing throughout life cycle
Economic Impact	Access	– Access businesses and community
	Traffic Operations	– Move people and goods efficiently

**Interactions**

