



**Green Hotel
Concept Proposal**



Background on Green Hotels

The Green Hotels concept offers a hotel owner the opportunity to take the lead in rethinking its environmental culture, eliminating wasteful inefficiencies, and embracing positive environmental policies.

Admittedly, greening initiatives are challenging and require commitment from all tiers of a corporation.

However, the payoffs are more than just financial.

- Green Hotel programs produce environmental, social, and economic sustainability that preserves your project for years to come.
- Green Hotel programs enhance the project's reputation as a leader by example. It is not enough to merely promote energy and environmental management, but to practice it throughout the entire system.
- Green Hotel programs enable economic efficiency and savings. Recommendations from energy and environmental audit programs target waste and inefficiency, and can lead to very real cost savings by reducing energy and water use, minimizing the hotels waste stream, and overall improved environmental compliance.
- Green Hotel programs improve the overall quality of life in a hotel.

Of course there are a multitude of more benefits. These will all emerge over time as the project evolves.

Sustainability Objectives.

To move towards a green hotel, it is essential to understand what the objectives for this work will include:

1. To **reduce** energy, water and waste **costs**.
2. To structure the **financing** of energy upgrades using utility savings.
3. To review **best practices** for asset management, energy management, sustainability and building security/control to devise an optimum strategy for energy retrofit/building system replacement.
4. To develop **environmental sustainability practices** consistent with economic sustainability and to engage clients and suppliers as partners in the process.
5. To manage the **implementation of the strategy and measures** on a pilot basis in order to avoid major implementation problems.

These objectives serve to illustrate the **level of effort** required by senior administration.

Suggested Program Offerings

1. Generate a “Sustainable Energy and Environmental Plan”.
2. Conduct energy and environmental projects including:
 - Utility bill audit
 - Detailed energy audit and asset audit
 - Lighting upgrades with room and hallway controls
 - HVAC that focuses on heat recovery
 - Water efficiency programs inside and outside facility
 - Waste minimization programs
 - Building automation that integrates real time smart metering
3. Conduct staff and occupant awareness programs, with emphasis on building operators and establishing a standards of building performance and operations.
4. Produce a Web Info Center for use as a feedback/reporting mechanism with emphasis on utility monitoring and verification.