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HOTEL BOROBUDUR
JAKARTA

ECO HOTEL MANAGEMENT SYSTEM



corporate
social
responsib.



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Managed by **Discovery Hotels & Resort**

Eco Hotel Certificate by TUV Rheinland Group









Hotel Main Entrance

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Eco Hotel Benefits

-  Protect The Environment
-  Save Money
-  Increase Competitiveness
-  Earn Better Recognition



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WHY – ECO Management for Hotels



The establish of successful Environmental Management System will lead efficiency and consequently reduce cost



Environmental Management will help to create awareness among staff, customer and the surrounding community and will make the facility and service more efficient and more attractive



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WHY – ECO Management for Hotels



Climate change & global warming are caused by human activities through emission 'greenhouse' gases



Access to clean water is endangered



Uncontrolled waste disposal contaminates water soil reduces the quality of life



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Hotels play an important role

- All Hotels :



Consume Energy and Water



Create large amount of waste



Create Emissions to air through transport & combustion



Chemicals used for cleaning and in Ac's can release harmful emissions to the atmosphere



Consume large amounts of operational goods



Employ significant amount of staff



Are Visited by millions of people all over the world






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Eco Management for Hotels – going green Make Cents

Environmental management will :

-  Reduce energy cost for operation (electricity, fuel, gas)
-  Reduce cost for waste disposal
-  Reduce cost for other products and services
-  Reduce risk on payable fines (Government Regulation)
-  May reduce financing and insurance cost



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WHY – ECO Management for Hotels

- Environmental Management will :

- Provide the business with a financial and competitive advantage
- Reduce cost fir utilities, suppliers & waste disposal.
- Ensure preparedness to meet legal & customer demands
- Improve reputation and is promotion tool
- Make the facility more attractive for private and corporate customers
- Helps to safe our environment
- Keep you in business



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Sitting, design and construction Management



For sustainable development it is best to start at the earliest possible stage, the sitting, design & construction of the facility since many decisions are made during this phase that have massive impact.



Contractors tend to propose the easiest and cheapest technology available, they do not care about YOUR operational cost



Sustainable sitting, design and construction is likely to require more effort and potentially higher investment cost at the first life time phase of the facility but will massively contribute to cost efficiency during operation, create a good reputation and reduce risk

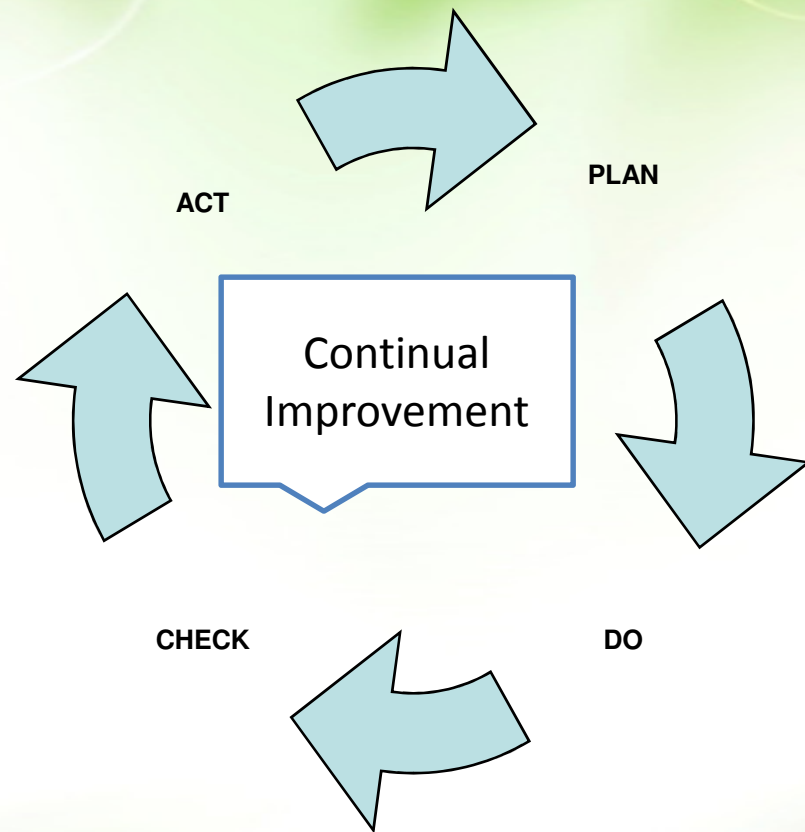
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How to Approach on EMS

- PLAN : Establish Policy, Objective, targets, & action plan
- DO : Implementation of Environmental Management Program.
- CHECK : Internal Auditing, Analysis of Control data and Record
- ACT : Review of Progress & result review of policy and objective
-



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How to – Approach on EMS

- 🍃 Identify environmental key issues
- 🍃 Define a policy and communicate it to hotel staff
- 🍃 Conduct initial review of operations
- 🍃 Allocate responsibilities
- 🍃 Set objective & targets
- 🍃 Develop action plan
- 🍃 Monitoring & reporting progress

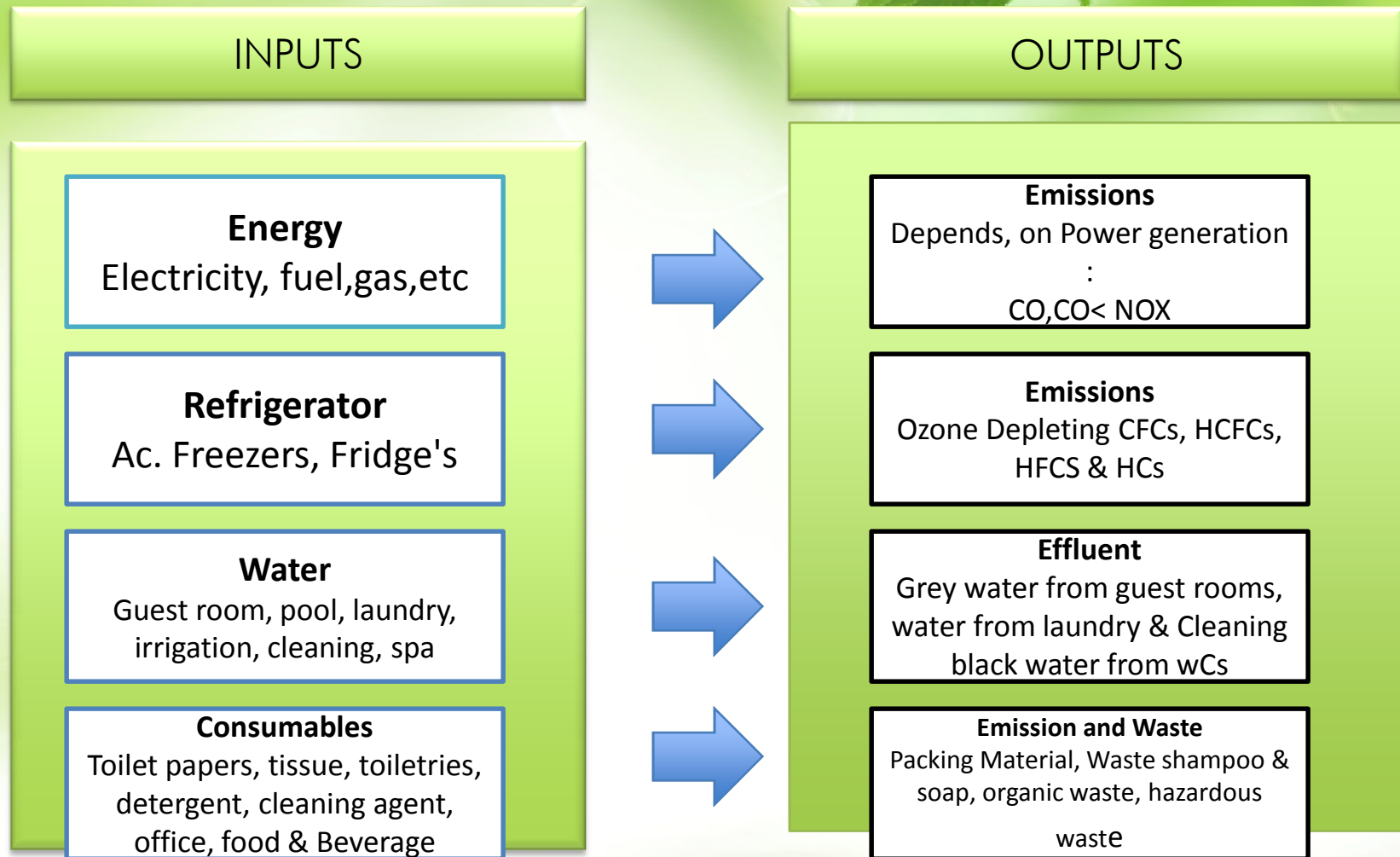


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Identify Environmental key Issues





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Environmental Policy

-  The organization policy and will define and clearly communicate organizational goal line with its operations
-  The policy and environmental management program , shall guide decision making - & Management Processes and the daily operations of the organization i sustainable manner



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3. Initial review of operations

-  Policy, organization and sustainable management
-  Energy Management
-  Waster management
-  Air & noise Management
-  Waste Management
-  Purchasing and supply Management
-  Hazardous Material Management
-  Safety Management
-  Customer Relation Management
-  Surrounding Communities, Culture Heritage & Social Responsibility

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4. Allocate Responsibilities



The organization shall appoint eco_system Manager team consisting of members from all departments, who/ which shall be responsible to establish, implement and maintain an EMS in line with the defined policy, to monitor its performance and to report result (positive and negative) and achievement to management for review and as base for improvement



The eco – system manager and the team members shall be trained properly in order to be able to conduct this duties



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5. Set objectives & Targets



Based on the impact assessment and in line with the policy the organization shall define Objectives and Targets to allow performance evaluations



Objective and targets shall be SMART (Specific, Measurable, Achievable, Realistic, Timeframe



Objective and Targets shall be independent of variables such as occupancy rates and price alternations.



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6. Develop Action Plans

- Action Plans/ Programmers shall be developed that are designed to achieve set objectives and targets.
- Such Programmers shall describe the activity and include a timeline and possibly milestones
- Persons in charge and required budget should be identified
- It is advisable to create a template for action plans/ programmed to make it easier for the different departments involved and to allow easy monitoring of progress and performance

What is
the plan?



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7. Monitoring & Reporting Progress



It will be crucial for success to CHECK the EMS performance by applying tools for operational control, measuring and monitoring progress & performance



Internal and external audits shall provide information on performance



Management review shall be conducted on regular bases(at least once a year) to discuss success and failure and to decide about necessary correction and new or revised objective and targets



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Element 6: Energy Management

New Installation Micro Turbine



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Element 7: Water Management EMP 2013

Waste Water Treatment



Waste Water Treatment



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Element 7: Water Management EMP 2013

Guest Survey Program For Environmental Friendly
In Hotel Borobudur Jakarta



Green Card Program for Linen & towel Reuse



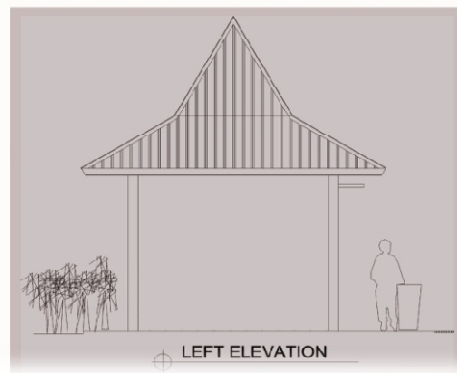
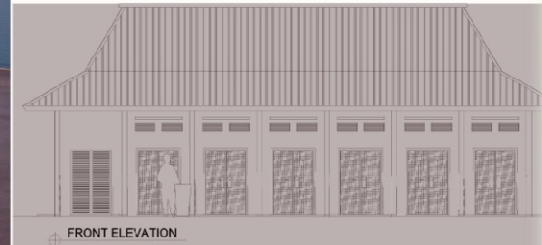
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Element 9: Waste Management

separate concentrated garbage room



GARBAGE PROJECT
HOTEL BOROBUDUR JAKARTA
VOLUME 56m² (4m x 14m)



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Element 9: Waste Management

Composting Machine



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Thank You



corporate
social
responsibility



Discover the green life in Hotel Borobudur Jakarta