

**NATIONAL
GREEN JOBS
CONFERENCE**

25th January 2011

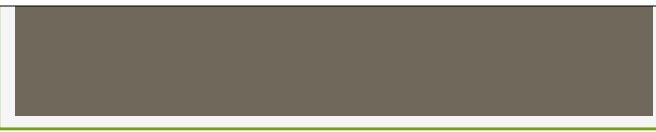
**GREENING THE
HOTEL SECTOR
IN SRI LANKA**

**THE KANDALAMA
EXPERIENCE**

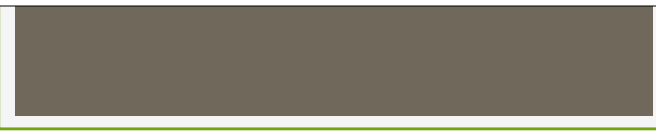
Ravi de Silva
Consultant

Walking the talk...



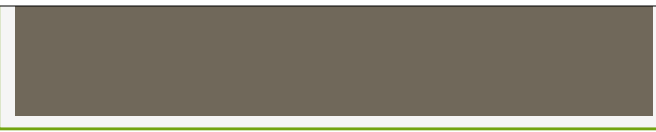


TOP CORPORATE PRIORITY: Sustainability



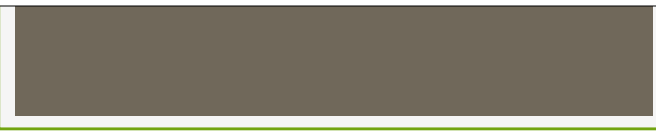
FIRST STEPS

- Stakeholder consultations
- Environmental impact assessment
- PDCA cycle
- Green concept, design, plan, construction, operations and maintenance
- Social extensions and CSR
- Sustainability at orientation and constant and consistent training
- TBL approach
- Inclusivity



METHODOLOGY

- Environmental and social sustainability policy
- Environmental management systems
- Impact and aspect register
- Significant aspects
- Projects and programmes
- Monitoring and measurement
- Internal audits
- Non-conformances, corrective and preventive action
- Management review
- Certifications
- Reporting

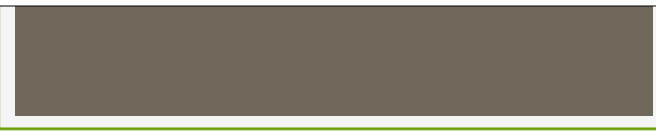


KEY FACTOR AREAS

(Performance Indicators)

- Energy efficiency, conservation and management
- Minimization of fresh water use
- Management of waste water
- Waste minimization
- Air and sound pollution prevention
- Ecosystem conservation
- Social and cultural development
- Greenhouse gas emissions management





SOME GLOBAL STANDARDS

- LEED
- ISO 14001
- Earth Check
- Green Globe 21
- ISO 22000 / HACCP
- OSHAS 18001
- SA 8000
- GRI

Dissemination of information



Preservation of ancient cultures



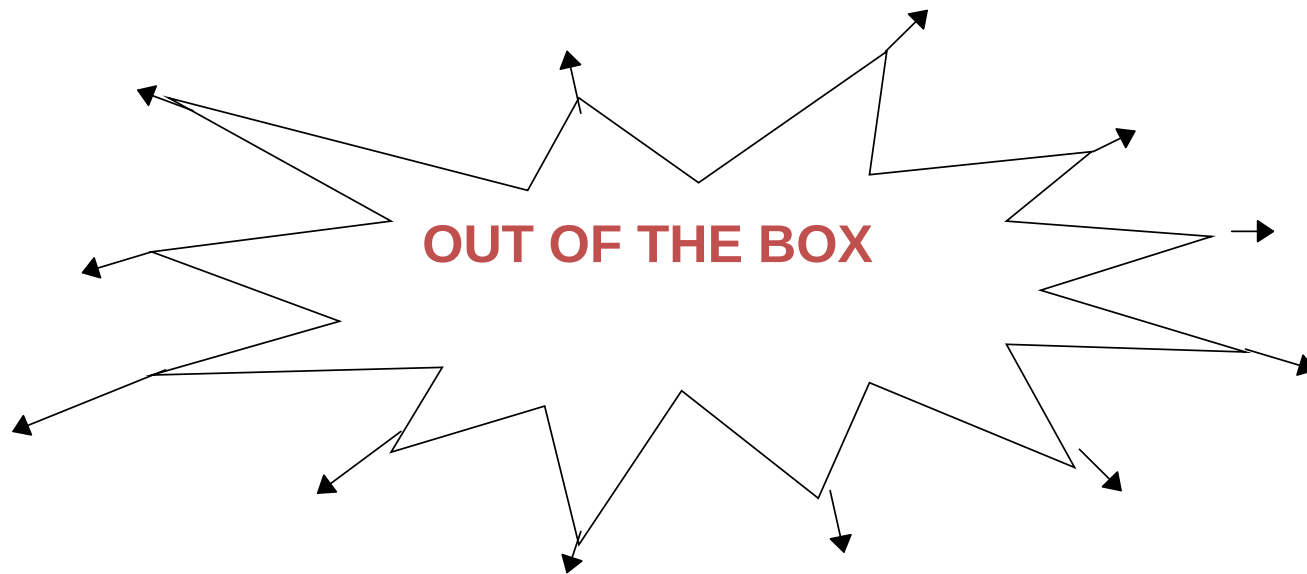
Eco-techniques and eco-friendly designs



Proactive social approach



BE FUTURISTIC

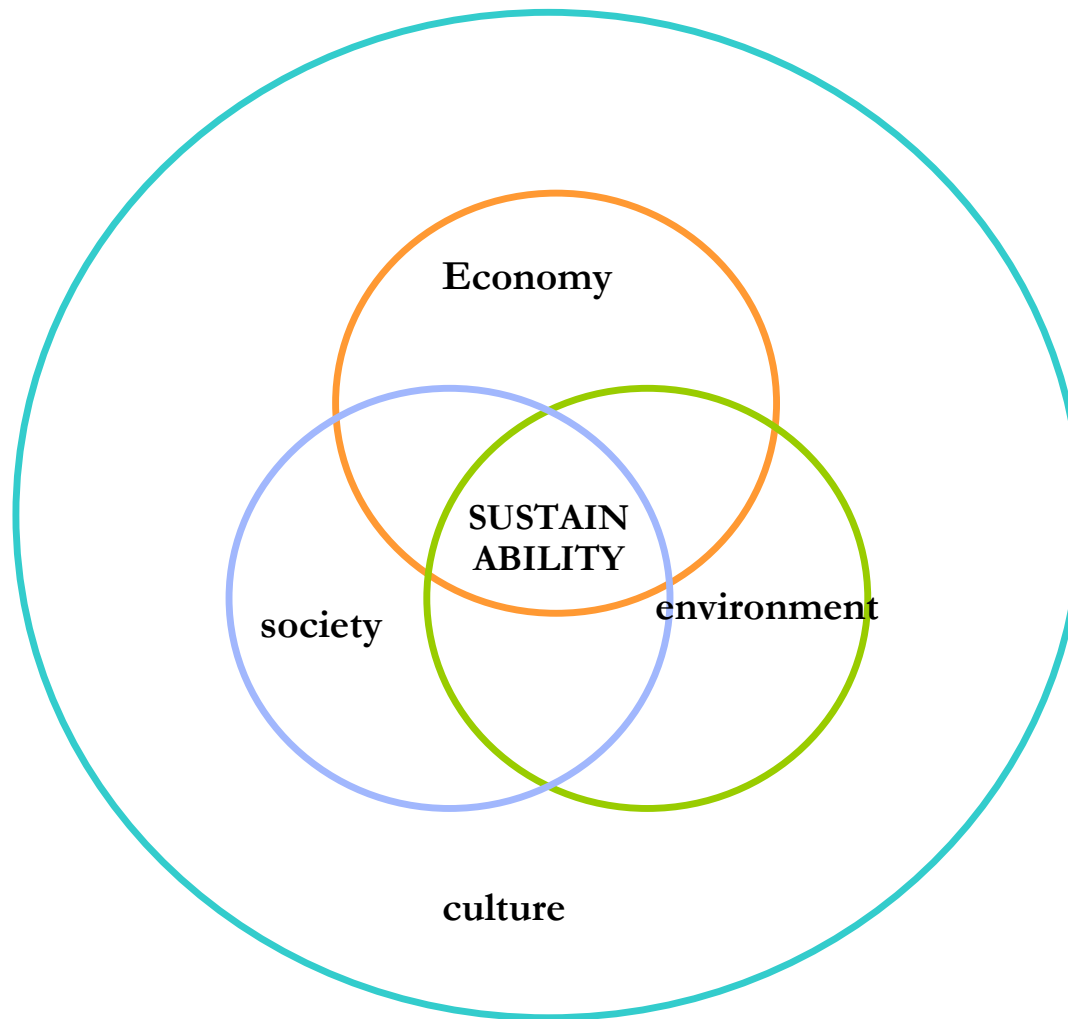


**THINK GLOBALLY
ACT LOCALLY**



Sustainability

Socio-
Environmental





Economical

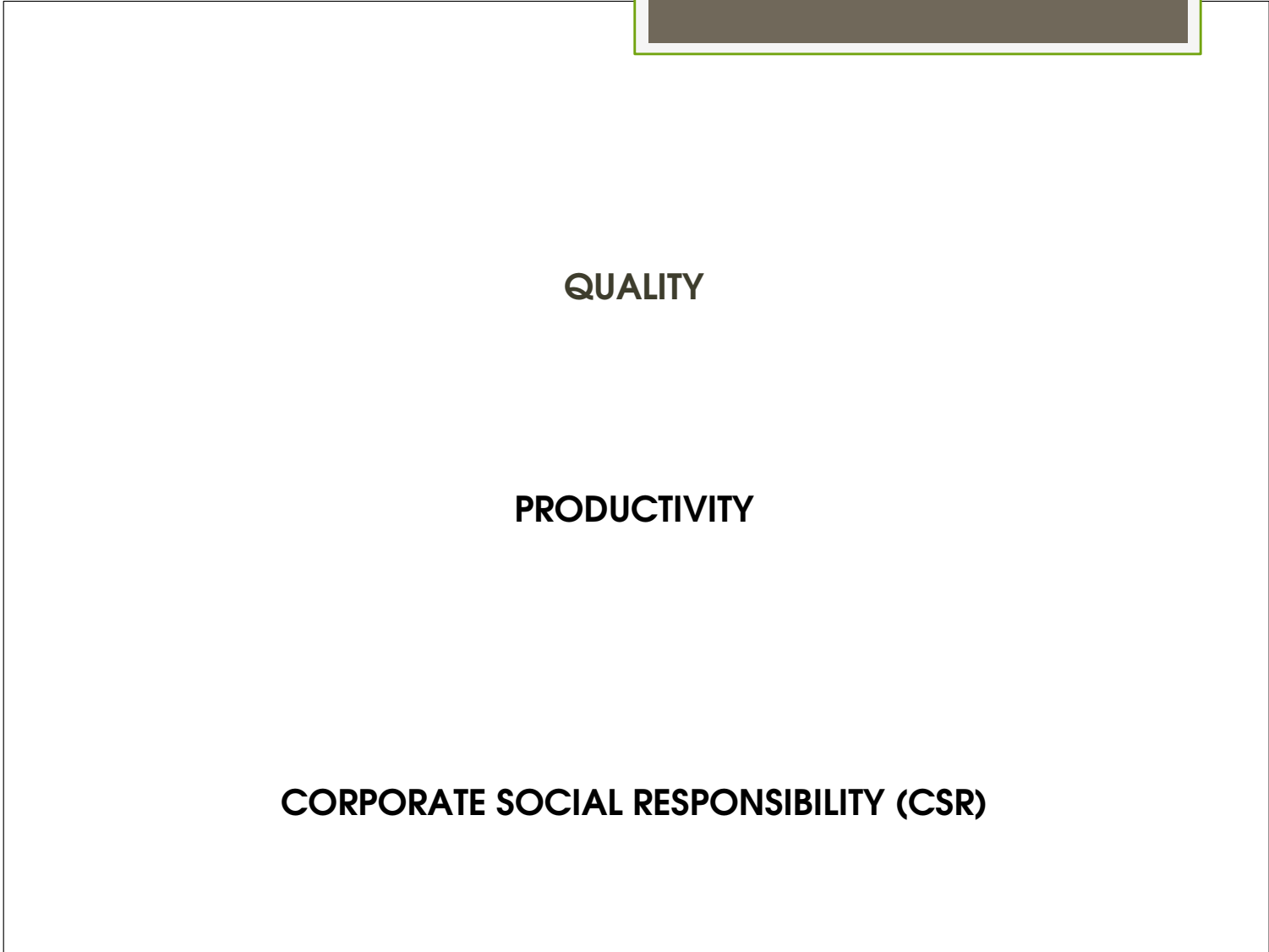
Triple Bottom Line



Social

Environmental

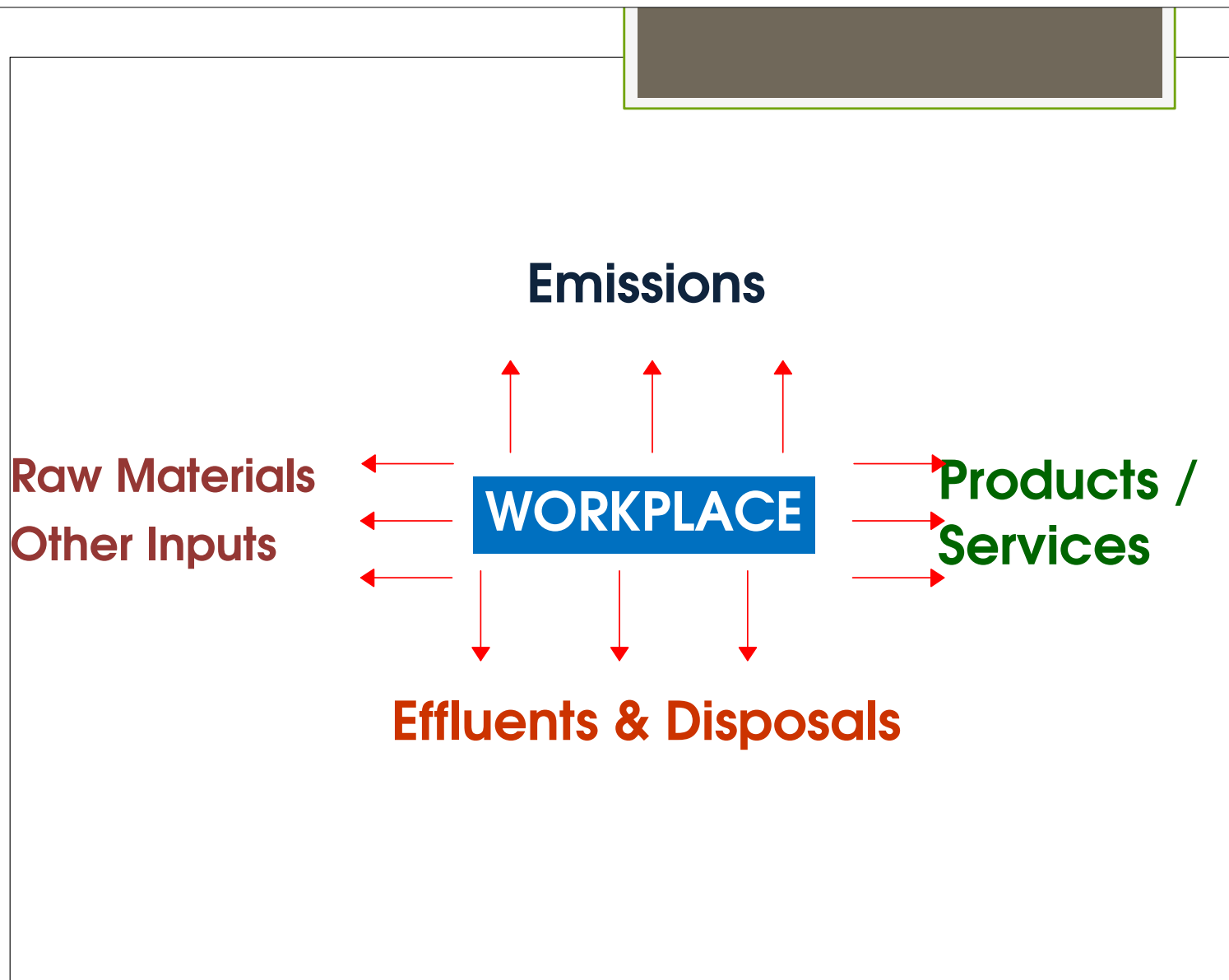


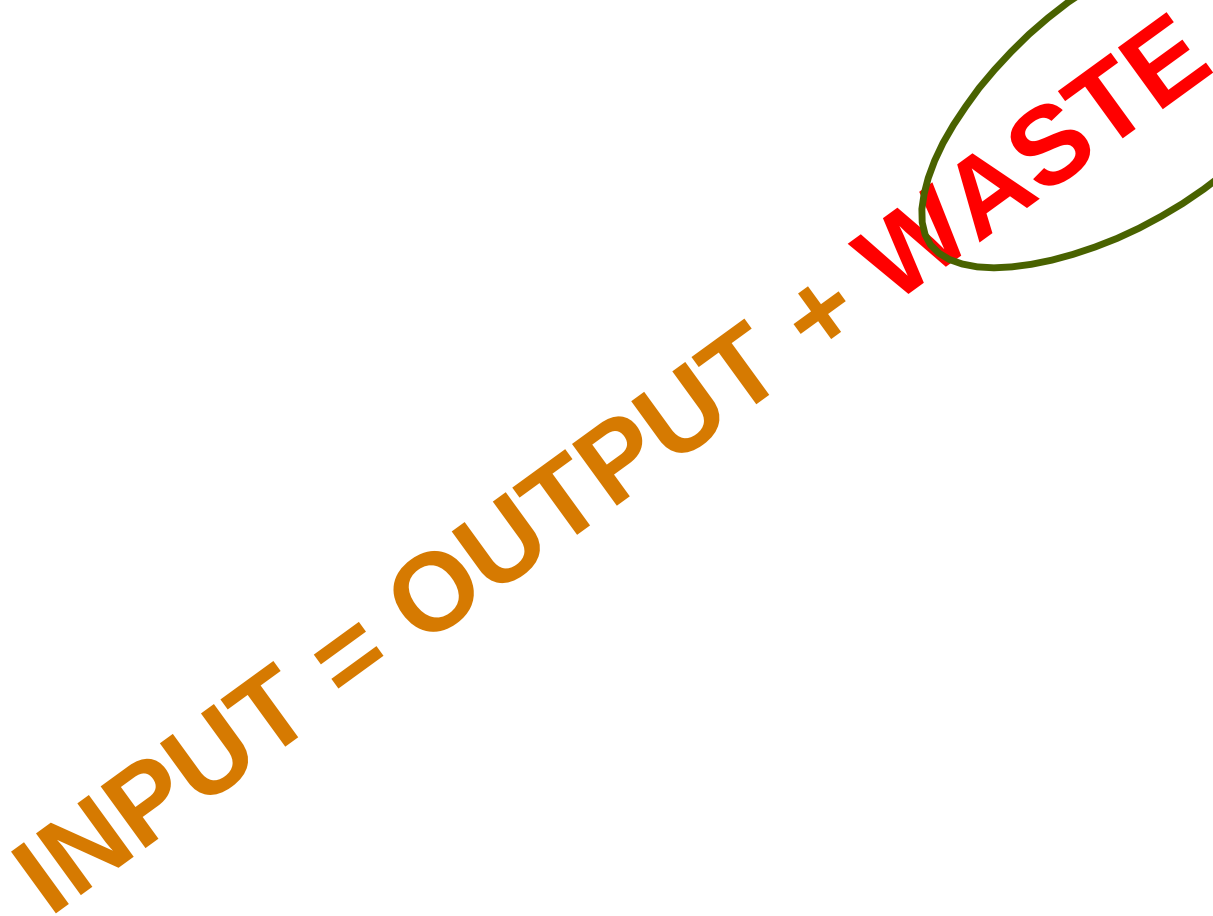


QUALITY

PRODUCTIVITY

CORPORATE SOCIAL RESPONSIBILITY (CSR)





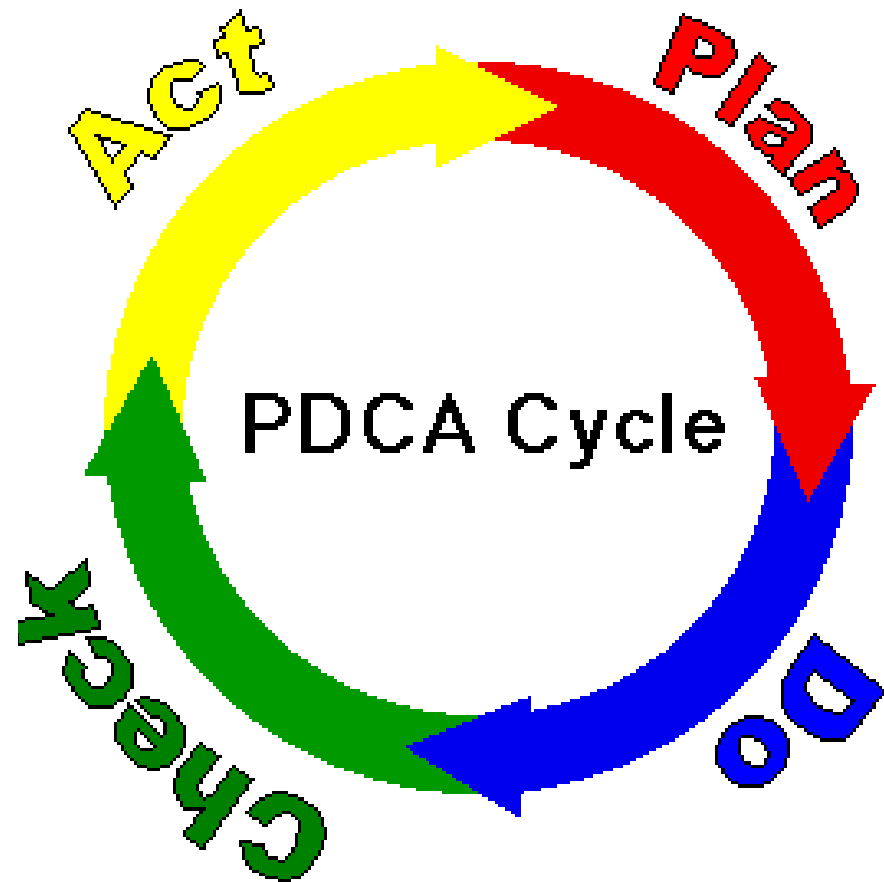
INPUT = OUTPUT + WASTE

Best approach to achieving sustainability....



SUSTAINABLE
ORGANISATION

DEMING CYCLE



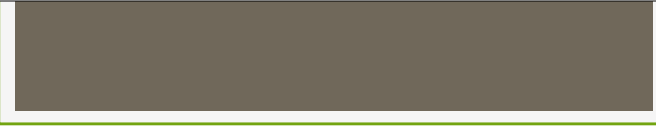




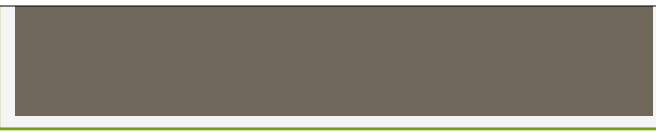


Use of water and waste water

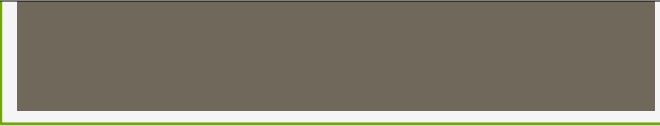




Waste
is a **Resource**
at the wrong
place, at the
wrong time

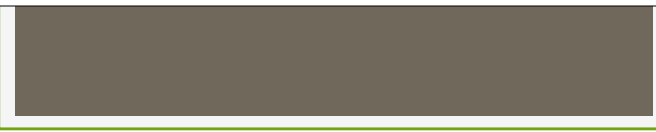


Waste
mixed up
is called
Garbage



The Secret is Separation





Your
Waste Material
should be
someone else's
Raw Material



**CLOSE
THE
LOOP**

From 3R's to 7R's



3R isg 7R olajd

3R		7R	
අවම කිරීම	Reduce	ඉවත දැමීම	Reject
නැවත භාවිතය	Re-use	අවම කිරීම	Reduce
ප්‍රතිචක්‍රීකරණය	Recycle	නැවත භාවිතය	Re-use
		මුදලා ගැනීම	Reclaim
		ආදේශ කිරීම	Replace
		අළුත් වැඩියා කිරීම	Repair
		ප්‍රතිචක්‍රීකරණය	Recycle

- **"7R" Introduced by Ravi de Silva
(Consultant - Social & Env. Mgt.)**

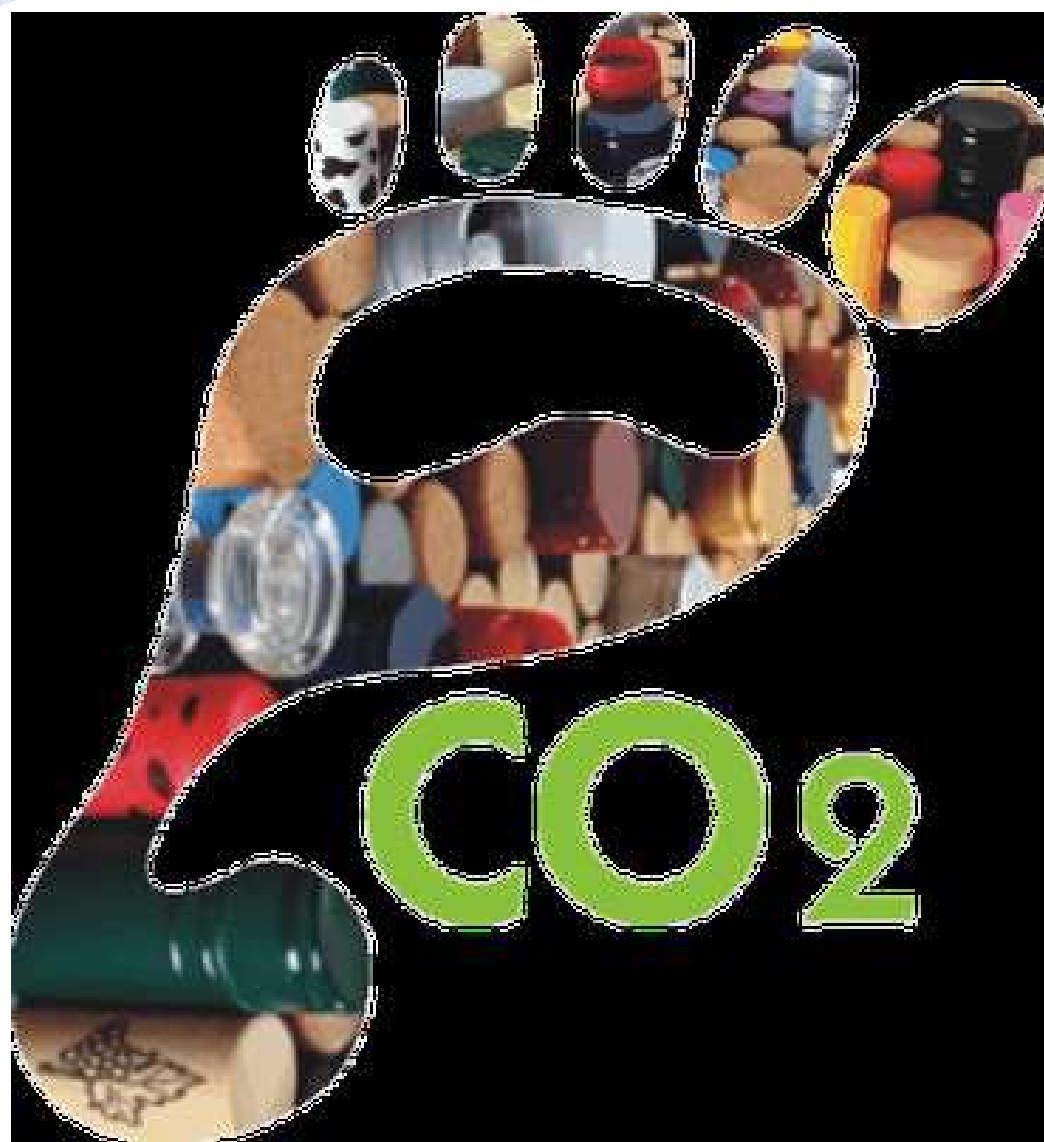
**Implemented in the Heritance and
Aitken Spence hotel chain and other
institutions in Sri Lanka**



Sun dried sludge
Toilet → **Garden**







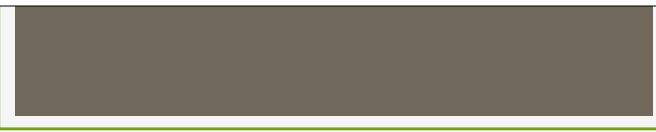


Kandalama Hotel

Kandalama Hotel is a classic example of sustainable development. Designed and developed in a fragile environment in a very eco-friendly manner, it is an outstanding achievement with total community participation.

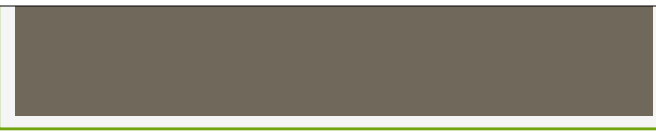
Every stake holder is inspired, educated and motivated to be eco-friendly with the services of a staff that are members of ten environmental committees covering ten environmental key factor areas.

**A Business strategy for the
Environment is an
Environmental
strategy for Business**



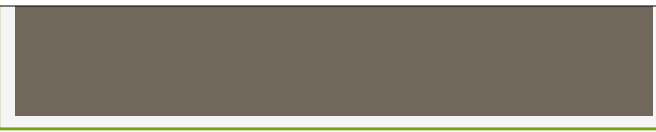
GREEN JOBS GENERATED

- ◉ Energy managers
- ◉ Naturalists – For interpreting to tourists
- ◉ Bird watching guides – Birding
- ◉ Nature guides – Nature trekking
- ◉ Eco guides – Eco adventures
- ◉ Environmental animators – For environmental demonstrations and education
- ◉ Biomass plant operators – Dendro plants
- ◉ Eco technicians – Renewable energy maintenance
- ◉ Fuel providers – Cultivators of renewable biomass
- ◉ Bio horticulturists – Bio food corners



GREEN JOBS GENERATED

- Lighting technicians – Use of daylight and lighting efficiency
- Chefs – For indigenous green menus
- Biogas technicians – For biogas generators
- Paper recyclers – Recycling waste paper
- Waste composters – Converting biodegradable waste
- Environmental consultants – Establishing Environment Management Systems (EMS)
- Environmental managers – Maintaining EMS
- Environmental auditors – Certifying against global standards
- Green designers – Sustainable buildings



FUTURE GREEN JOBS

- Renewable energy specialists
- Wind, solar and biogas technicians and operators
- Alternative transport managers
- Carbon footprint evaluators
- Carbon credit analysts
- Microbiologists for waste and waste water

Sustainable Development is

the

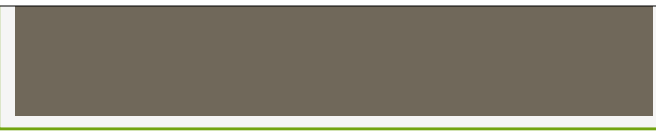
biggest Challenge faced by

Mankind today



Life without change ...

*Take nothing but photographs,
leave nothing but footprints*



THANK YOU!!!

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