



EMS – I can buy one for £1000 can't I?



- That's a bargain for you isn't it?
- Hold that thought !!!
- Yes, you can get a crap one for £1000 but to be effective it needs to be embedded.





Why should anyone be concerned with Environmental Management?




Why Bother With An EMS?

- Environmental Drivers
- Financial Drivers
- Contract Gateways
- Risk Management




Environmental

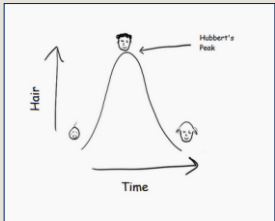

- Resource scarcity – peak oil, rare earths
- Ozone depletion and Acid rain
- Biodiversity
- Desertification through deforestation
- Water /land/air pollution

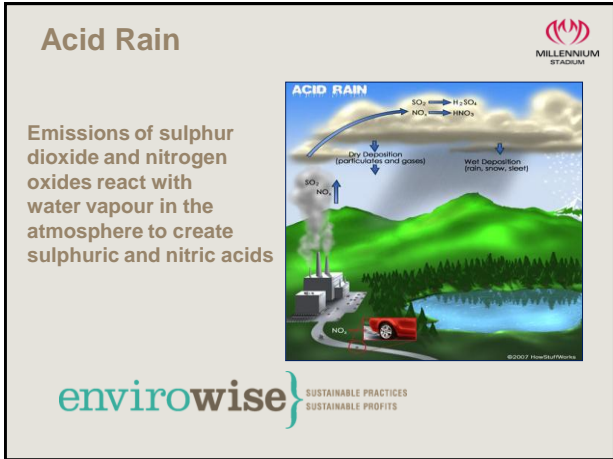
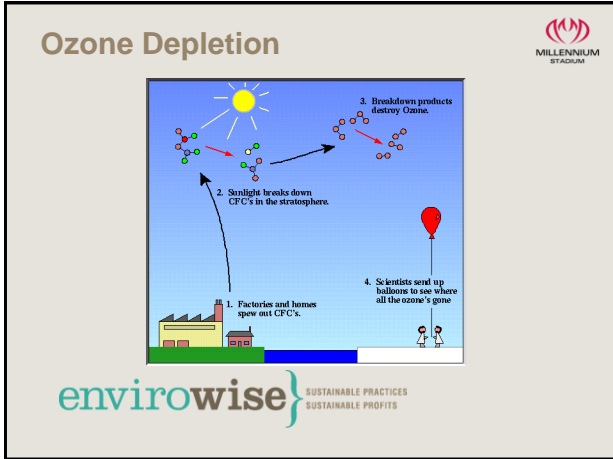
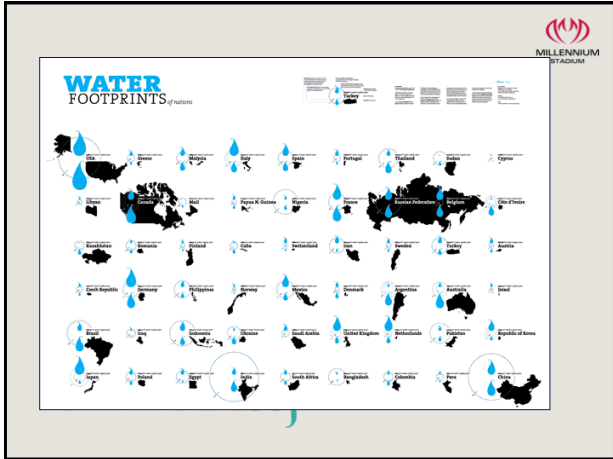
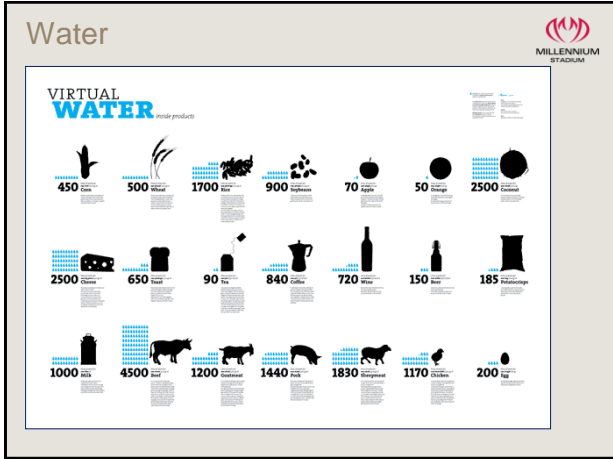
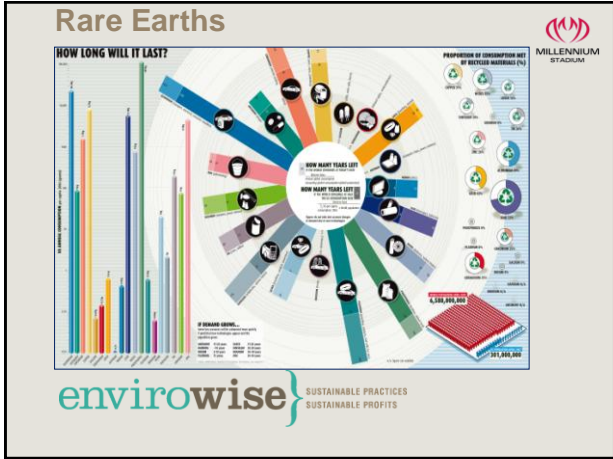



Resource Scarcity

Oil
UK Industry task force say crunch will come in next 5 years

- spare capacity to drop by 33% due to Gulf deep water scare
- oil descent plans crucial




Pollution




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Need I say more?

Benefits of Environmental Management




Provides


- Legislative compliance (Fines/Imprisonment)
- Reduced operating costs (**The Bottom Line**) – 3 R's
 - Reduce
 - Reuse
 - Recycle
- Competitive advantage (Customer Requirements)
- Enhanced public perception (Corporate Social Responsibility)
- Reduced Insurance costs – Environmental Risk Management
- a cleaner environment

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EMS IMPLEMENTATION



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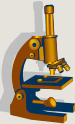


The Site Review



- Carry out an environmental Review of the site – Annex to ISO14001
- How do we affect the environment? – Environmental Aspects
- What legislation do we need to comply with?
- Develop an EMS which addresses these issues

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Steps In Implementation



- 1 Management Commitment - £1000 ????
- 2 Environmental Policy
- 3 Planning
- 4 Implementation and Operation
- 5 Checking and Corrective Action
- 6 Management Review

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EMS – ISO14001




- Recognised “standard” with regards to Environmental Management
- Accepted world wide
- Accepted as the baseline for environmental management
- Audited by Accreditation bodies – BSI/TUV/BM Trada and many more
- UKAS is the UK assessment service


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18


EMS – BS8555 


- Does not lead to accreditation
- Various programmes to assist in implementation
 - Acorn – IEMA
 - BS 8555 STEMS – BSI
 - Green Dragon – Groundwork in Wales
- Implemented in stages – each certified

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BS8555 

- Commitment & establishing the baseline
- Identifying & ensuring compliance with legal and other requirements
- Developing objectives, targets & programmes
- Implementation and operation of the EMS
- Checking, audit & management review
- **READY FOR ACCREDITATION TO ISO14001 OR EMAS**

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EMAS 



Eco Management and Audit Scheme


Legal Requirements

- Organisations registering to EMAS must be able to demonstrate that they have identified and know the implications to the organisation of all relevant environmental legislation and that their system is capable of meeting these on an ongoing basis. At the time of registration, the environmental regulators are consulted to make sure that they are satisfied with the organisation in this regard.


Dialogue and Reporting

- EMAS is all about improving environmental performance and communicating your results. Communication and dialogue are two-way processes: in EMAS this means being able to respond to the information needs of your stakeholders and reporting information on your environmental performance to fulfil their needs

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EMAS 


The EMAS competent body is responsible for the registration of organisations under EMAS. The competent body controls the entry and maintenance of organisations on the EMAS register. Competent bodies are designated by each EU Member State under the condition that the competent body composition is such to guarantee their independence and neutrality

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Environmental Aspects 


- What on Earth is he on about?

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Aspects 

Effects

- Emissions to air
- Releases to water
- Waste and by-products
- Releases to land
- Use of energy
- Energy emitted
- Use of raw materials and natural resources
- Physical attributes

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Thank you
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