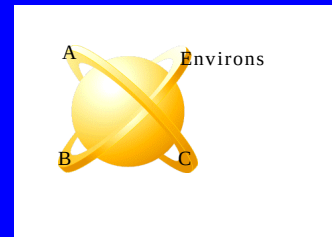


Why a Systems Approach is Important in Managing an Airport's Environmental Aspects

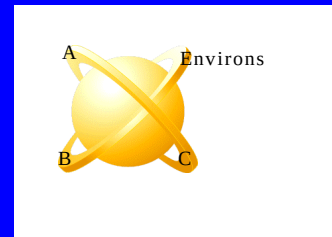
A look at a case study developed by
Nigel Bauer & Associates & ABC
Environs Limited for an ISO14001
EMS Audit Training Scenario

Barry Young
ABC Environs Limited



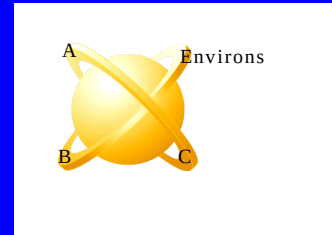
Agenda

- Look at ISO14001 & 14004 process
- Look at application at fictitious location used for EMS Audit Training Course
- Summarise aspects that could have been missed by not using EMS approach



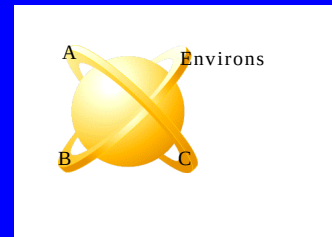
The Process

- Undertake a baseline review to identify aspects and risks
- Prioritise risks and aspects
- Document control measures for aspects
- Devise programme to implement procedures
- Review and improve procedures & performance



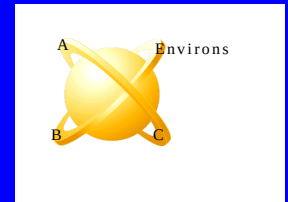
The Case Study

- Case Study Airport is a fictitious location, but could be anywhere in world;
- Based on various live airports who gave permission to develop the case study
- Process identified real unknown risks to the businesses



What does the Case Study Cover?

- The EMS Audit Training course covers the EMS methodology, including:
 - Aspect identification
 - Significance rating
 - Risk Registers
- Each part of the course links to the case study location, which “hosts a virtual audit” on the last few days



The Case Study Airport





Some “Hidden Aspects” (1)



Some “Hidden Aspects” (2)



Some “Hidden Aspects” (3)

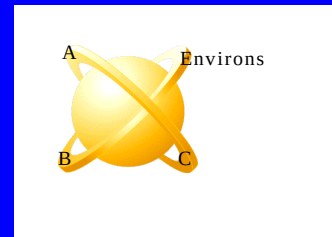


Some “Hidden Aspects” (4)



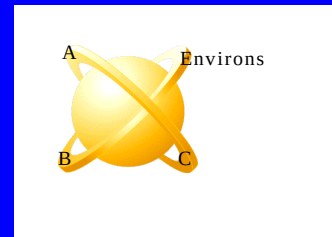
Why Was Systems Approach So Important? (1)

- Forced the management to LOOK again;
- Proved that what they thought they knew was wrong!
- Forced a re-think of procedures and risks;
- Proved “management knowledge” and “consultants reports” not robust enough;



Why Was Systems Approach So Important? (2)

- Helped focus management attention in priority areas
- Obtained “buy-in” from staff members;
- Allowed awareness courses to be tailored to the specific site and location.



Conclusions

- An EMS needs to be developed with in a framework of guidance;
- Framework needs to encourage the site to challenge preconceived ideas about aspects;
- Baseline reviews need to be undertaken;
- Significance of aspects must be evaluated;

