



Chemical Focus is Critical

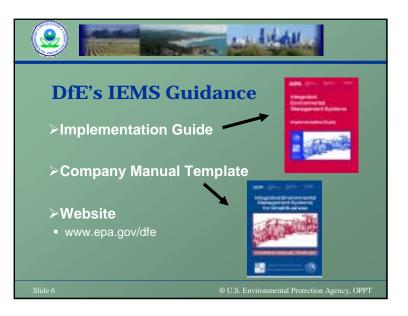
- > 10,000 + chemicals in commerce at any time
 Fewer than 700 chemicals are regulated
- 2,800 high-production-volume chemicalsComplete hazard data available on 7%
- > Implications
 - Overwhelming need for more chemical information
 - Sheds doubt on the presumption of safety
 - Regulations are necessary, but limited to clear risks
 - Organizations must become responsible for smart chemical substitution

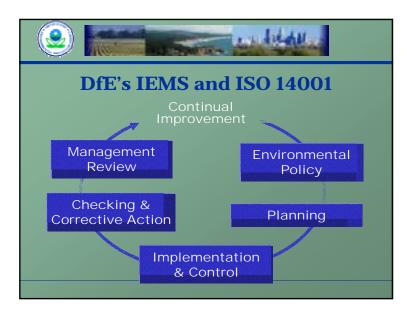
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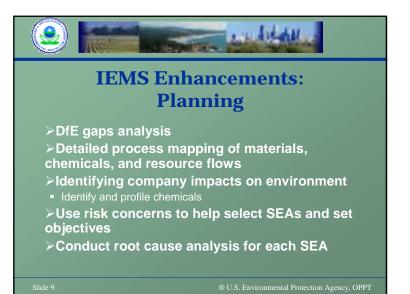
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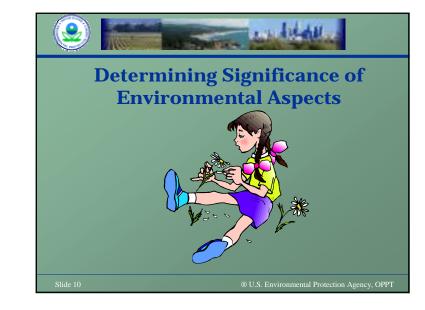
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EMSs Drive Efficiency							
Benefit Category	% of Facilities						
>Increased management efficiency	>94%						
> Increased operational efficiency	≻78%						
➢ Reduced liability	≻53%						
> Regulatory benefits	≻53%						
> Improved customer/supplier relationships	≻19%						
> Community relations improvement	≻13%						
	Source: NCDEMS						
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- ≻Exposure
- ➢Regulatory concern
- ➢Worker safety and health
- ≻Community issues
- >Natural resource impacts
- Practical considerations
- Recent addition: Security concern

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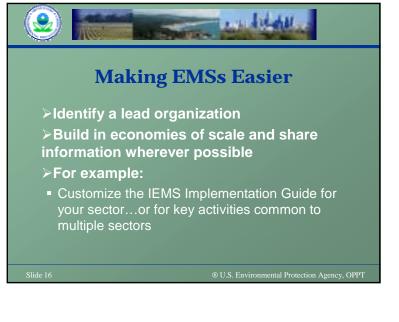
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Organizing Exposure Information

Operation	Aspect		Exposers Time			t,	tea	Rant Exposed Georges		
		Guardity Used per-	Duration	Frequency	Personal Pictocition Reprinteral (PPE)	Humani Monatoria Dermal Dist	Environment six, soliter, bed	Workers	Conversion	Erest aut
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Making EMSs Easier

- Conduct cleaner alternatives assessment for common SEAs
- Compile pollution prevention checklists, best practice information
- Identify environmentally preferable products
- Encourage participation in voluntary programs (such as Energy Star) that have technical assistance on common environmental aspects

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