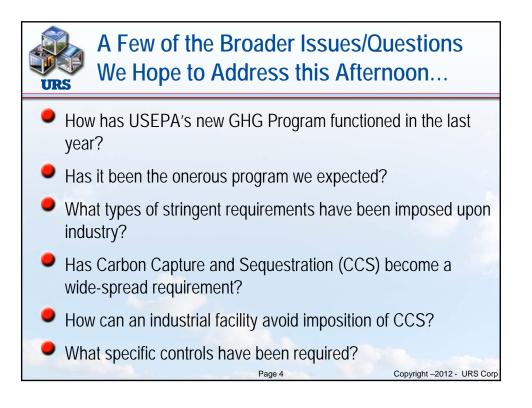


URS	Acronyms				
	BACT	Best Available Control Technology			
	CCS	Carbon Capture and Sequestration			
	EPA	US Environmental Protection Agenc	у		
	GHG	Greenhouse Gas			
	GWP	Global Warming Potential			
	MRR	Mandatory Reporting Rule	1. Mar 19		
	NSR	New Source Review			
	PSD	Prevention of Significant Deterioration	on		
	WCI	Western Climate Initiative			
	TLA	Three Letter Abbreviation			
	IDK	l Don't Know			
THE MONT			Second Second		
		Page 3	Copyright -2012 - URS Corp		





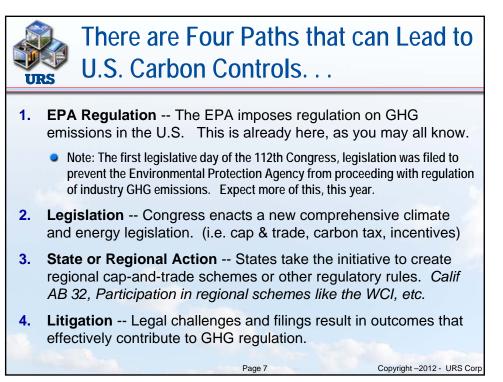


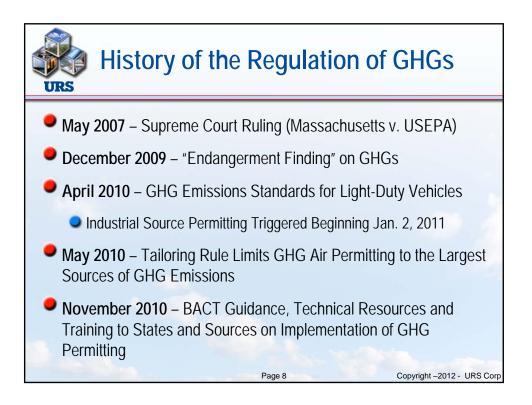


Unlike Conventional Pollutants like NO_x and SO_2 , GHG are Controlled Based on Tons of " CO_2e " – " CO_2 Equivalents"								
	Gas	Gas		Different GHGs have				
	Carbon Dioxide	CO2	1	different global warming				
	Methane	CH4	21	potentials (GWP). CO_2				
	Nitrous oxide Hydrofluorocarbons (HFCs)	N20 HFC-23 HFC-32 HFC-125 HFC-134a HFC-143a HFC-152a HFC-227ea HFC-226fa HFC-236fa HFC-4310mee	310 11,700 650 2,800 1,300 3,800 140 2,900 6,300 1,300	was given a GWP of 1. As the table illustrates, methane is 21 times worse than CO_2 and, therefore, has a GWP of 21.				
	Perfluorocarbons (PFCs)	CF4 C2F6 C4F10 C6F14	6,500 9,200 7,000 7,400	Sulfur hexafluoride, used in high-voltage circuit breakers, has a GWP of 23,900.				
	Sulfur Hexafluoride	SF6	Page 6 23,900	Copyright –2012 - URS Corp				



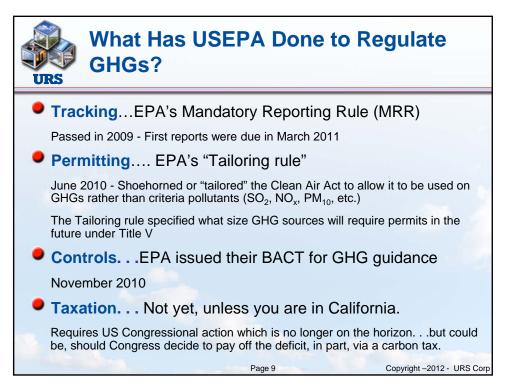


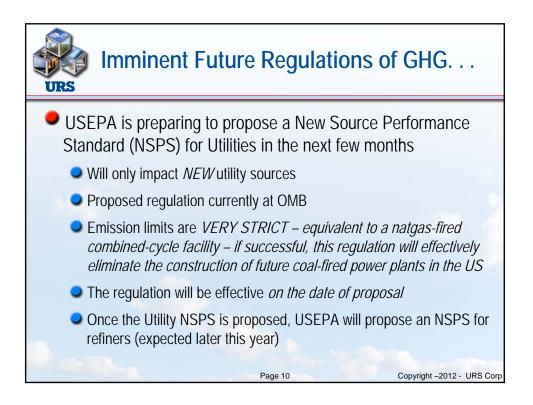




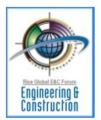


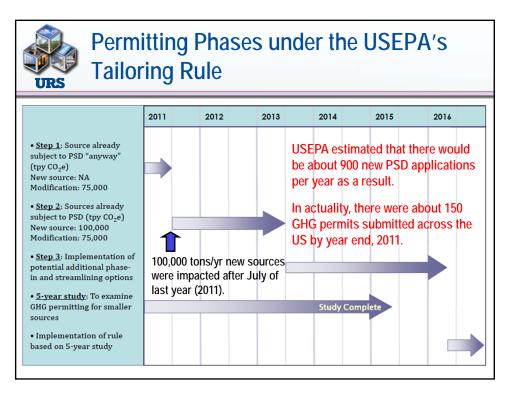


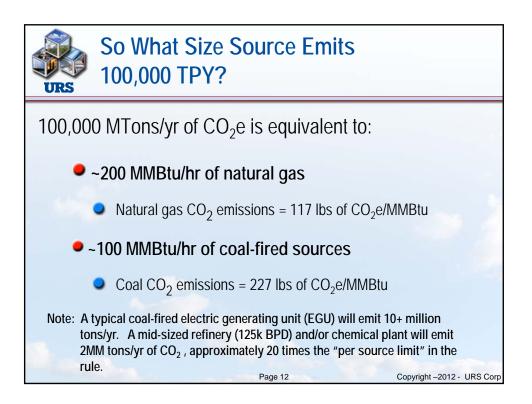








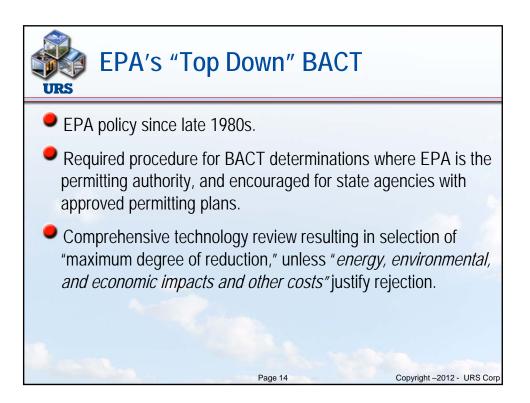














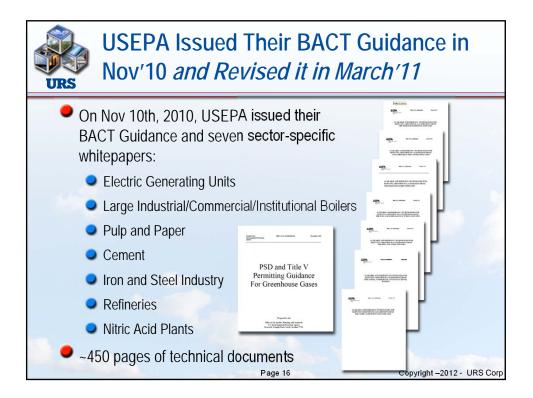




- 2. Eliminate Technically Infeasible Control Options
- 3. Rank Remaining Technically Feasible Control Technologies by Control Effectiveness;
- 4. Assess Economic, Energy and Environmental Impacts of each Remaining Option
- 5. Highest Ranked Technology Remaining after Step 4 is Selected as BACT

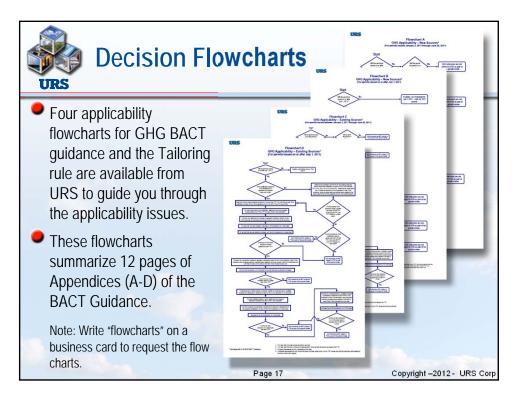
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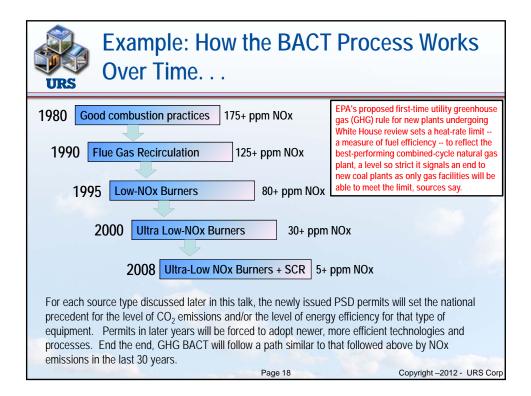
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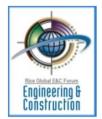


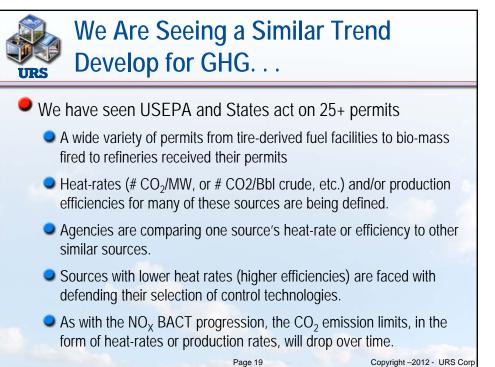


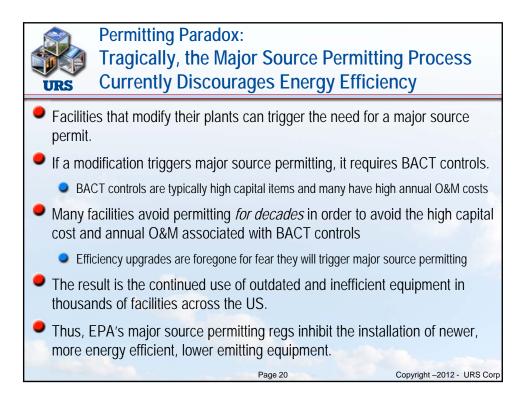






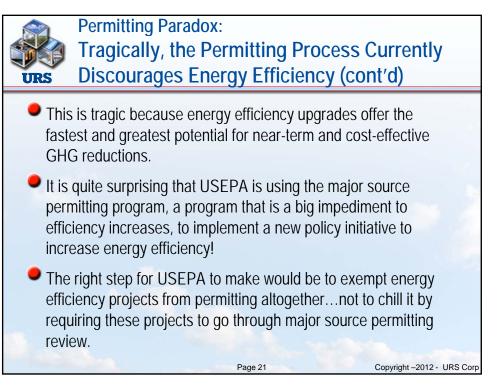


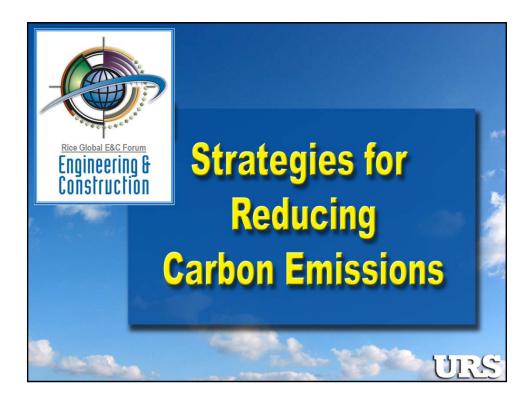






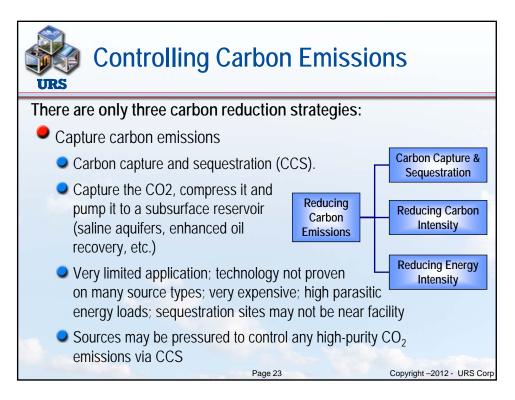


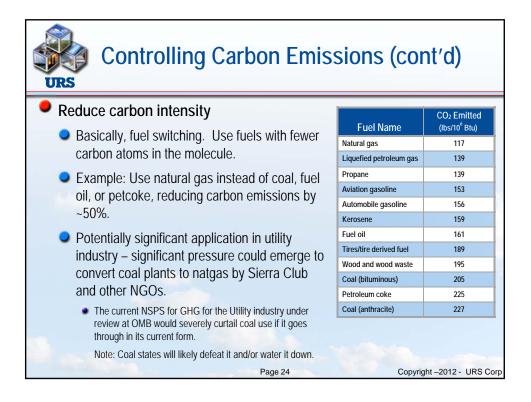






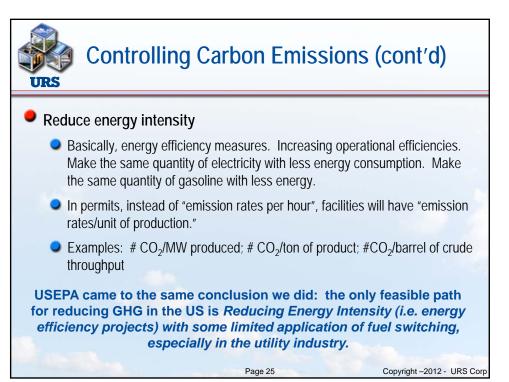


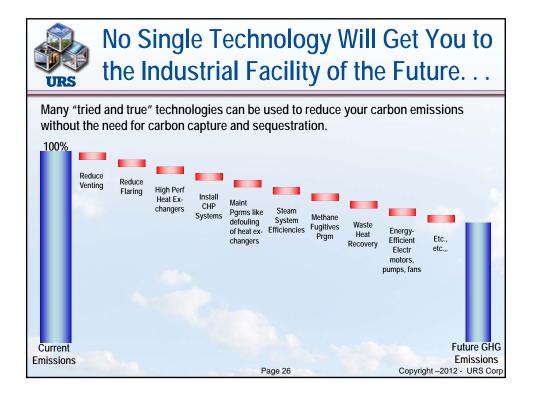






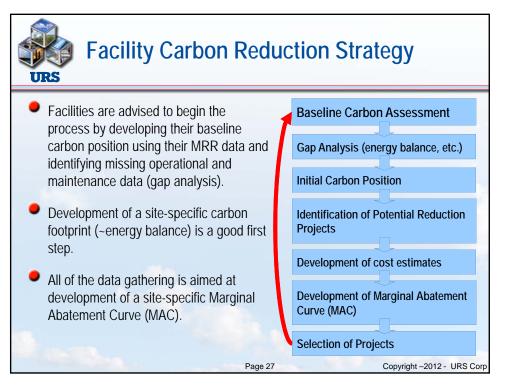


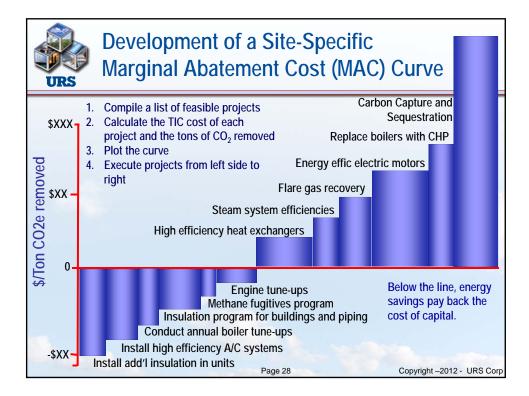








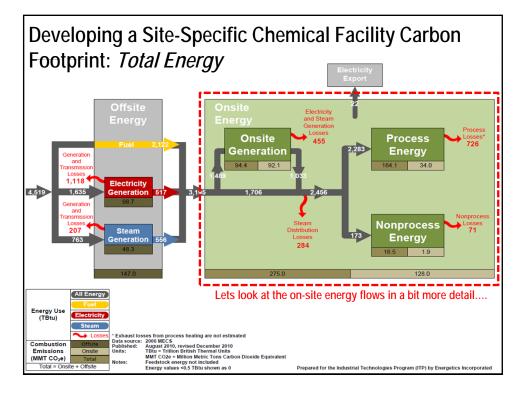


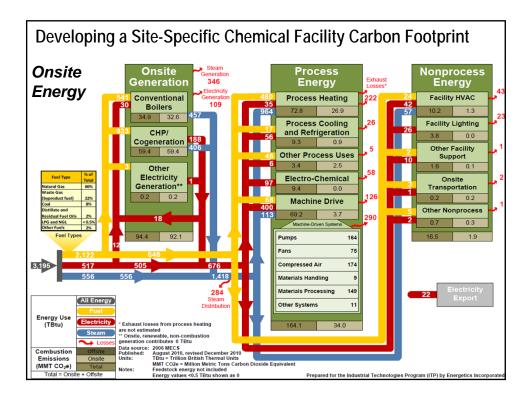




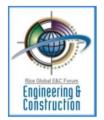
GHG BACT - Where Do We Stand After One Year?

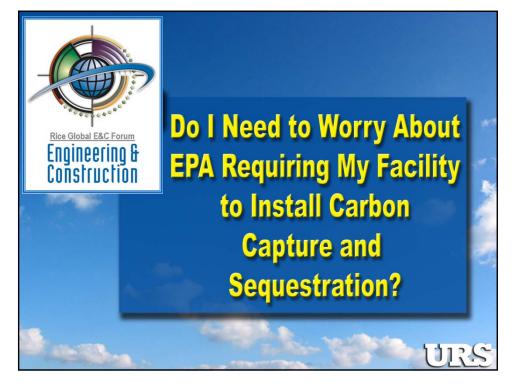


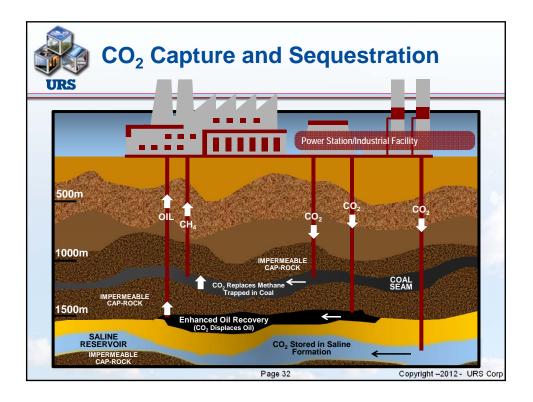






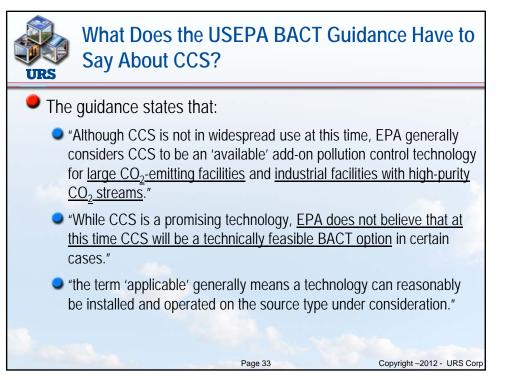


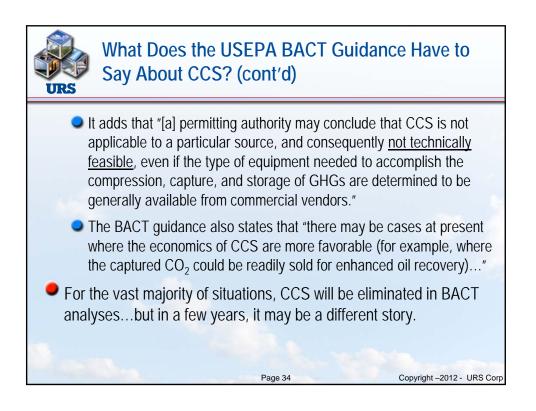






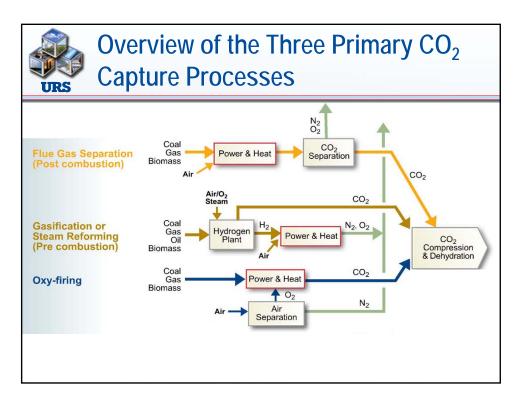


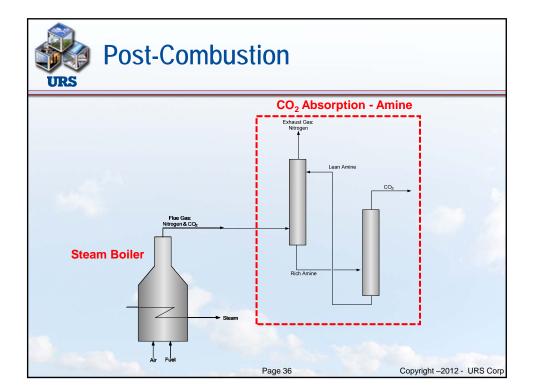






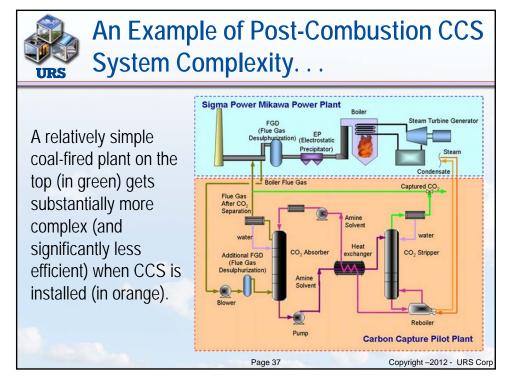


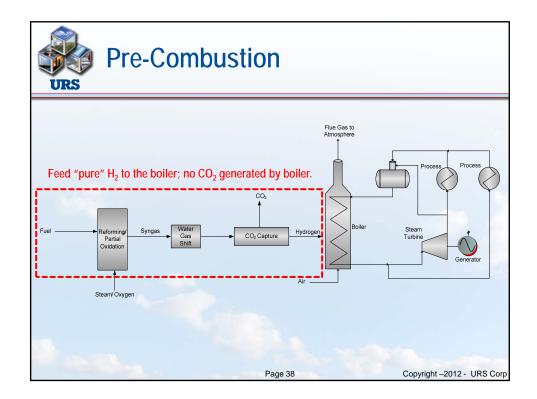






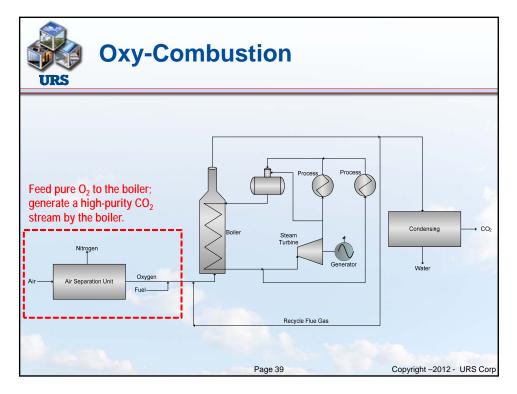


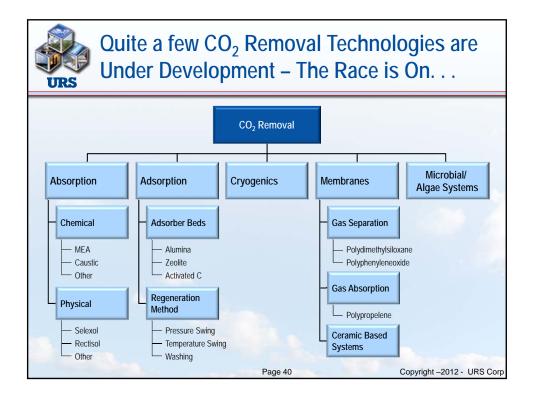






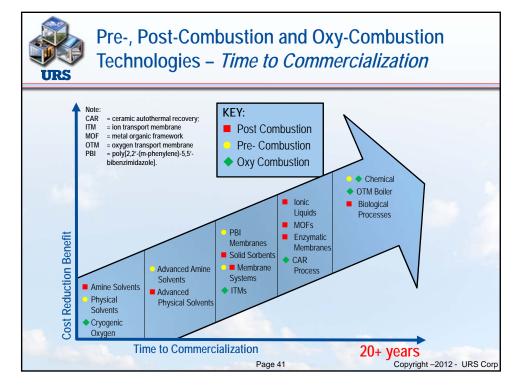


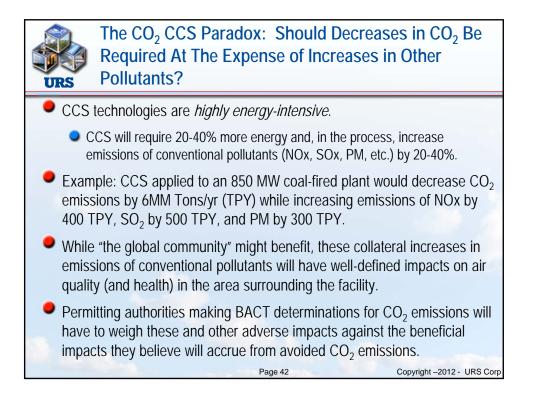






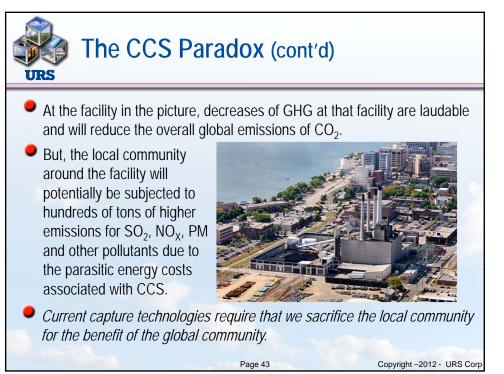


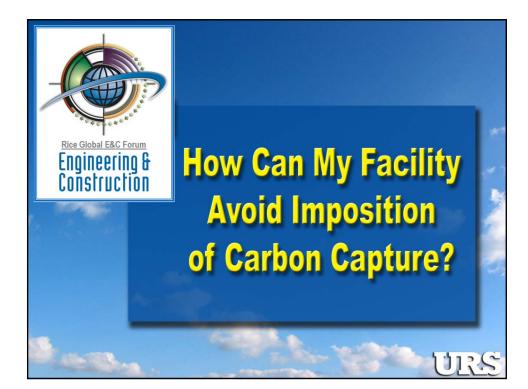






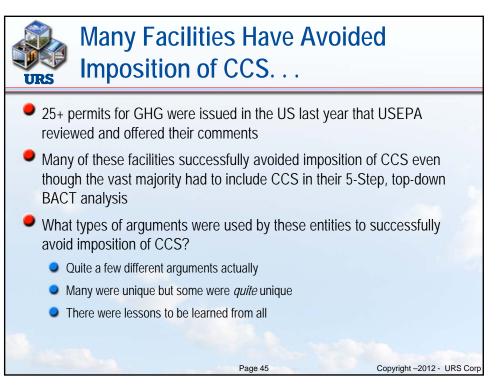


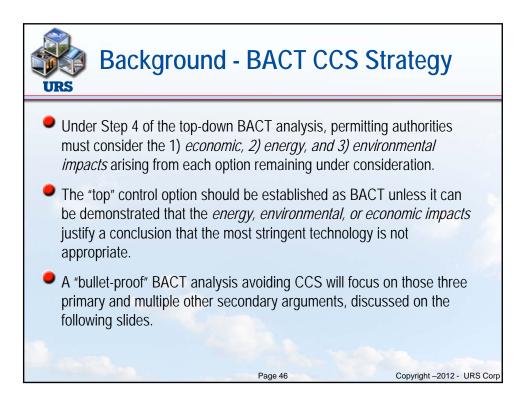






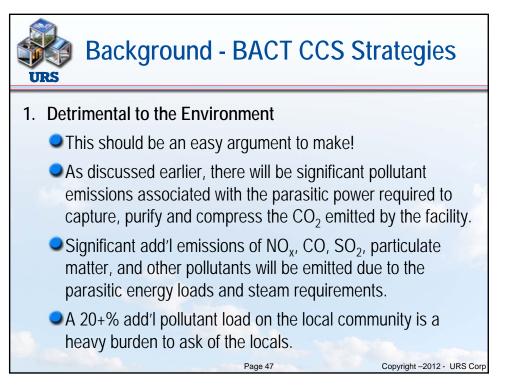


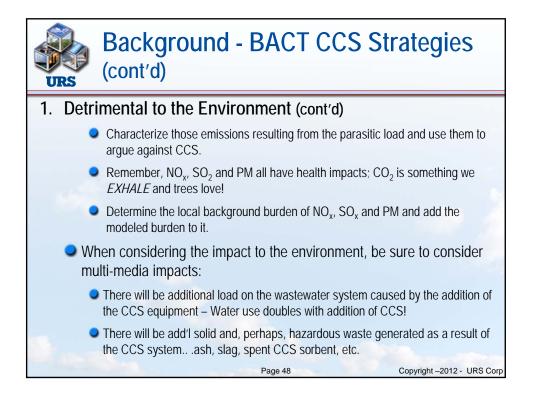






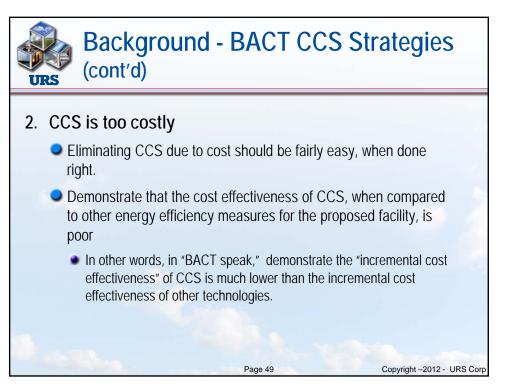


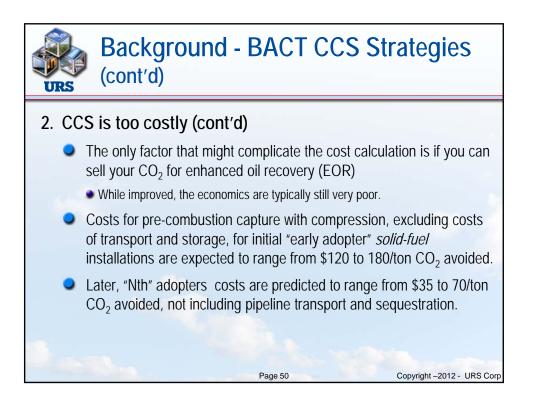




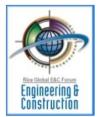


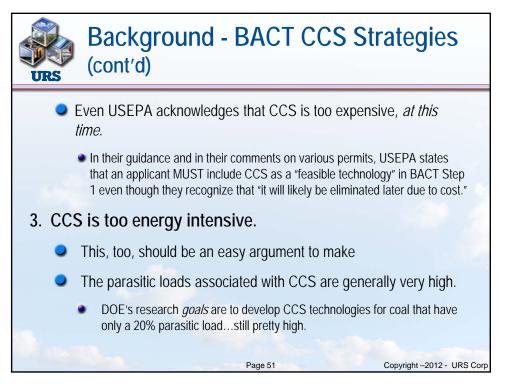


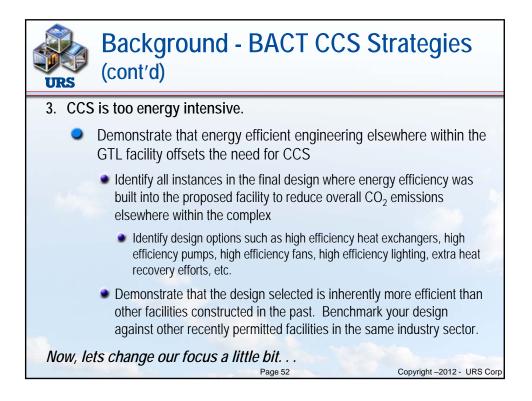








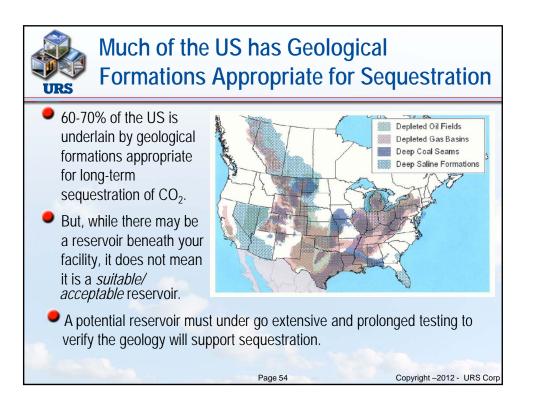






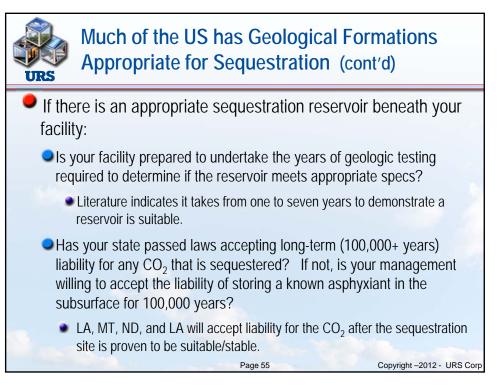


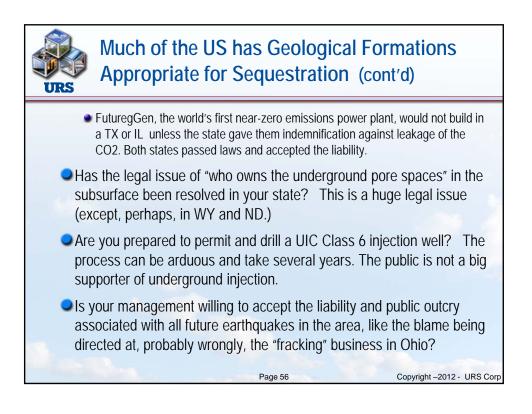






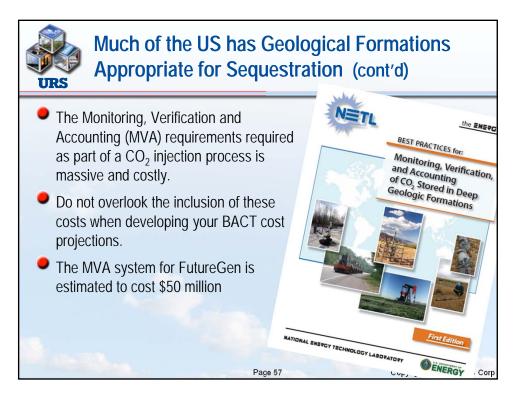












Very Few U.S. Facilities Have Access to a CO₂ Pipeline. . . As the map illustrates, there are very few CO₂ pipelines in the US. Even if your facility is within 100 miles, can your project afford the cost and time to buy the ROWs, design the pipeline, and construct it? Is your management willing to assume the liability and public scrutiny of running a high-pressure pipeline containing an asphyxiant under high-pressure through populated areas? If the CO₂ pipeline carrier leaves the business after a few years, what is your contingency plan? The pipeline operation may be disrupted for a day or a week. What is your contingency? When the initial term of your contract ends, what options do you have when the reimbursement rate is decreased substantially? Page 58 Copyright -2012 - URS Corp







