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Water and Air Quality Issues in Oil and Gas Development: The Evolving Framework of Regulation and Management (Martz Summer Conference, June 5-6)

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SLIDES: Solutions for Responsible Shale Development

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Solutions for Responsible Shale Development

Boulder, CO 6 April 2014













The Context: Sustainability 3.0

	Issue Context	Advocacy	Engagement	Role of Institutions
3.0	Uncertainty + <u>Urgency</u> Rights + Resources	Exploratory, <u>Collaborative</u> Joint Problem Solving	Innovation, <u>Shifting Constituencies</u> Systems Focused	Voluntary <u>Solutions</u> Institutional Crisis
2.0	Issue Silos v. <u>Complexity</u> Development	"Grass-tops" <u>Lawsuits</u> Enforcement	Narrow Coalitions <u>Rules & Regs</u> Structured Engagement	Bureaucratic <u>Remedies</u> Govt Limits + CSR
1.0	Simplicity, <u>Available Remedies</u> Environment	Build Awareness " <u>Sound the Alarm"</u> Grassroots-Public	Charismatic Leaders, <u>Grand Coalitions</u> Deal-Making	<u>Big Policy</u> Govt Legitimacy

Shale Development Strategy

Phase 1 Phase 2 Phase 3 • Science Joint Fact-**Bolster Multi-**• Comprehensive **Planning Pilots*** Finding Stakeholder Systems • Community Health Resource v. Guidebook* Resource • Site Based Dispute Solutions* Resolution Jurisdictional Mapping



RESOLVE



