



Southwestern Energy®

# GOVERNANCE OF RISKS OF UNCONVENTIONAL SHALE GAS DEVELOPMENT – WAYS FORWARD

National Academy of Sciences Workshop  
August 16, 2013

Mark K. Boling  
President



1. What should be regulated?

1. Who should regulate it?

1. How should it be regulated?

## Collaboration

- Identify the risks
- Assess the probability and potential impact of the risks
- Develop and propose strategies to mitigate the risks



## Innovation

- Test and refine the mitigation strategies
- Determine the optimum mitigation strategy

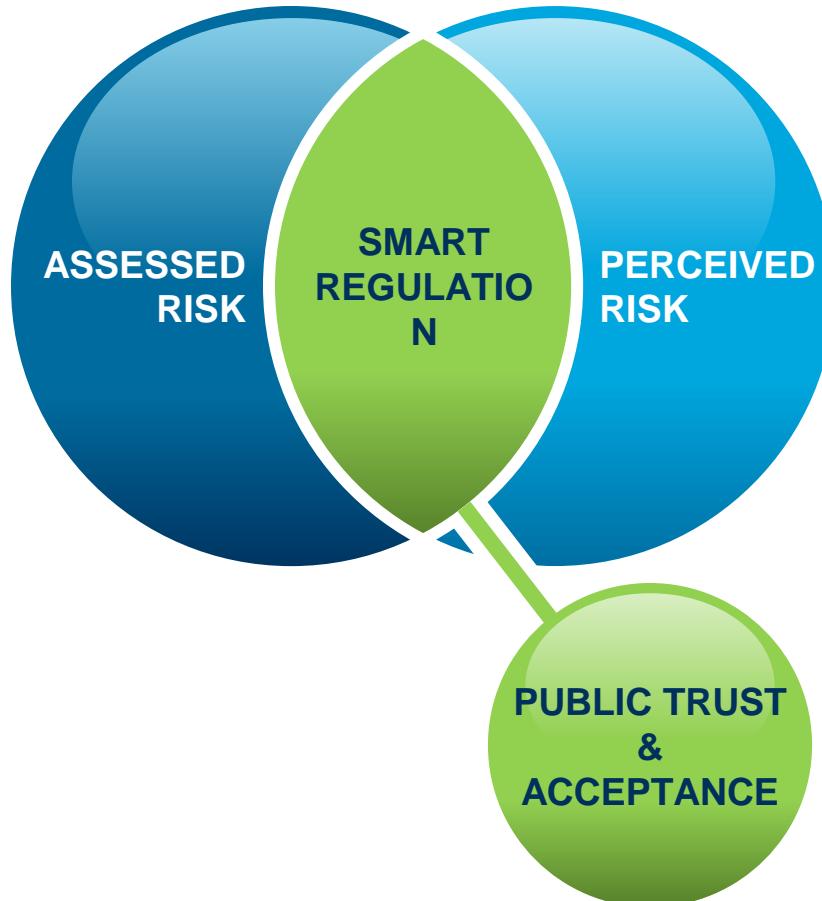
## Regulation

- Translate mitigation strategy to regulatory language

$$\frac{R^2}{A} \rightarrow V^+$$



## COLLABORATION AND RISK COMMUNICATION



$$\frac{R^2}{A} \rightarrow V^+$$



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