GOVERNANCE OF RISKS OF UNCONVENTIONAL SHALE GAS DEVELOPMENT – WAYS FORWARD

National Academy of Sciences Workshop
August 16, 2013

Mark K. Boling
President

Development Solutions
Balancing Environment, Community & Economy
a division of Southwestern Energy
1. **What** should be regulated?

1. **Who** should regulate it?

1. **How** should it be regulated?
Developing Smart Regulations

**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
Smart Regulation = Effective Risk Management

COLLABORATION AND RISK COMMUNICATION

ASSESSED RISK

SMART REGULATION

PERCEIVED RISK

PUBLIC TRUST & ACCEPTANCE
GOVERNANCE OF RISKS OF UNCONVENTIONAL SHALE GAS DEVELOPMENT – WAYS FORWARD

National Academy of Sciences Workshop
August 16, 2013

Mark K. Boling
President