

# Information Sharing Risk Assessment

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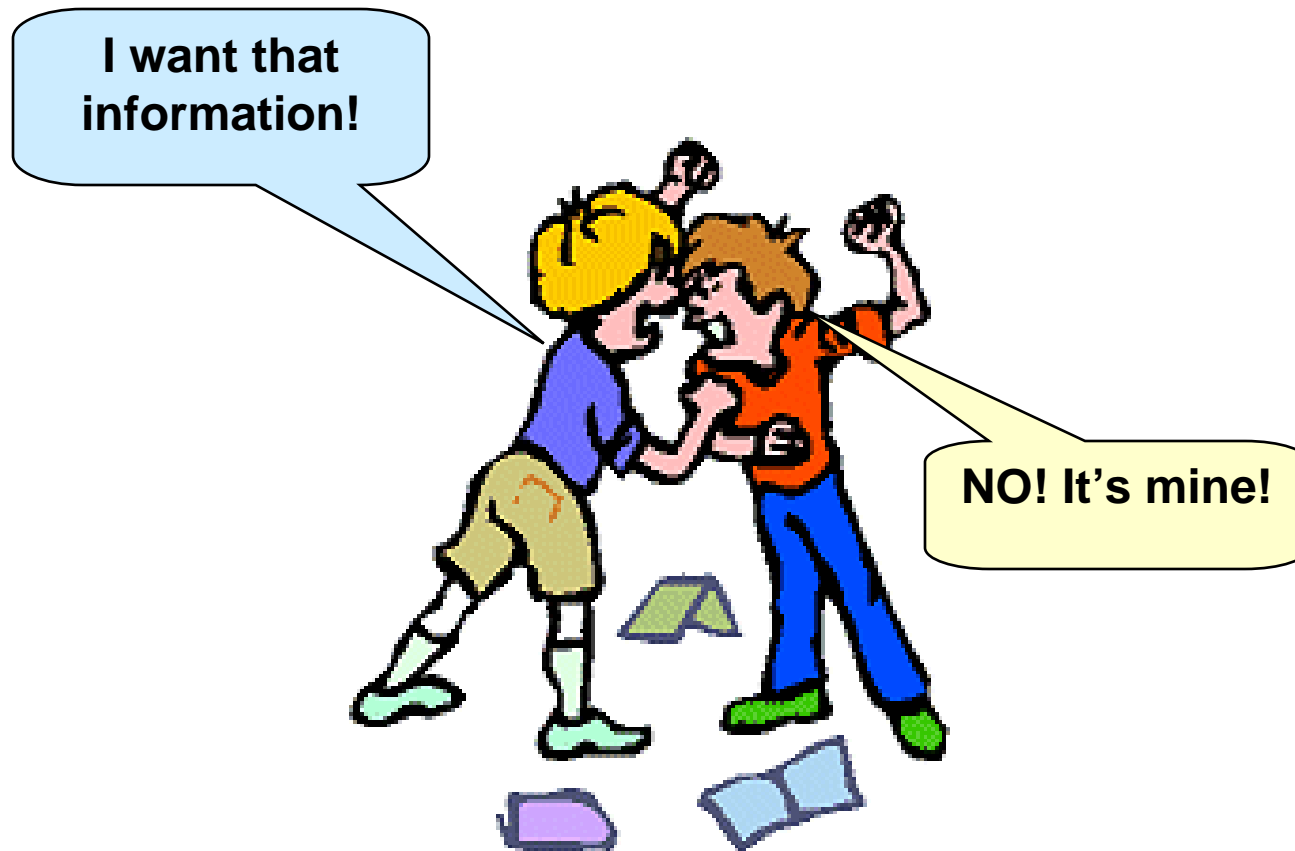


CEM IR&D

# Problem

- **Policy and cultural obstacles to information sharing abound – due to**
  - **Incomplete understanding of the risks associated both with sharing and with not sharing**
  - **Inability to manage those risks via policy, technical, and procedural controls**

# Background



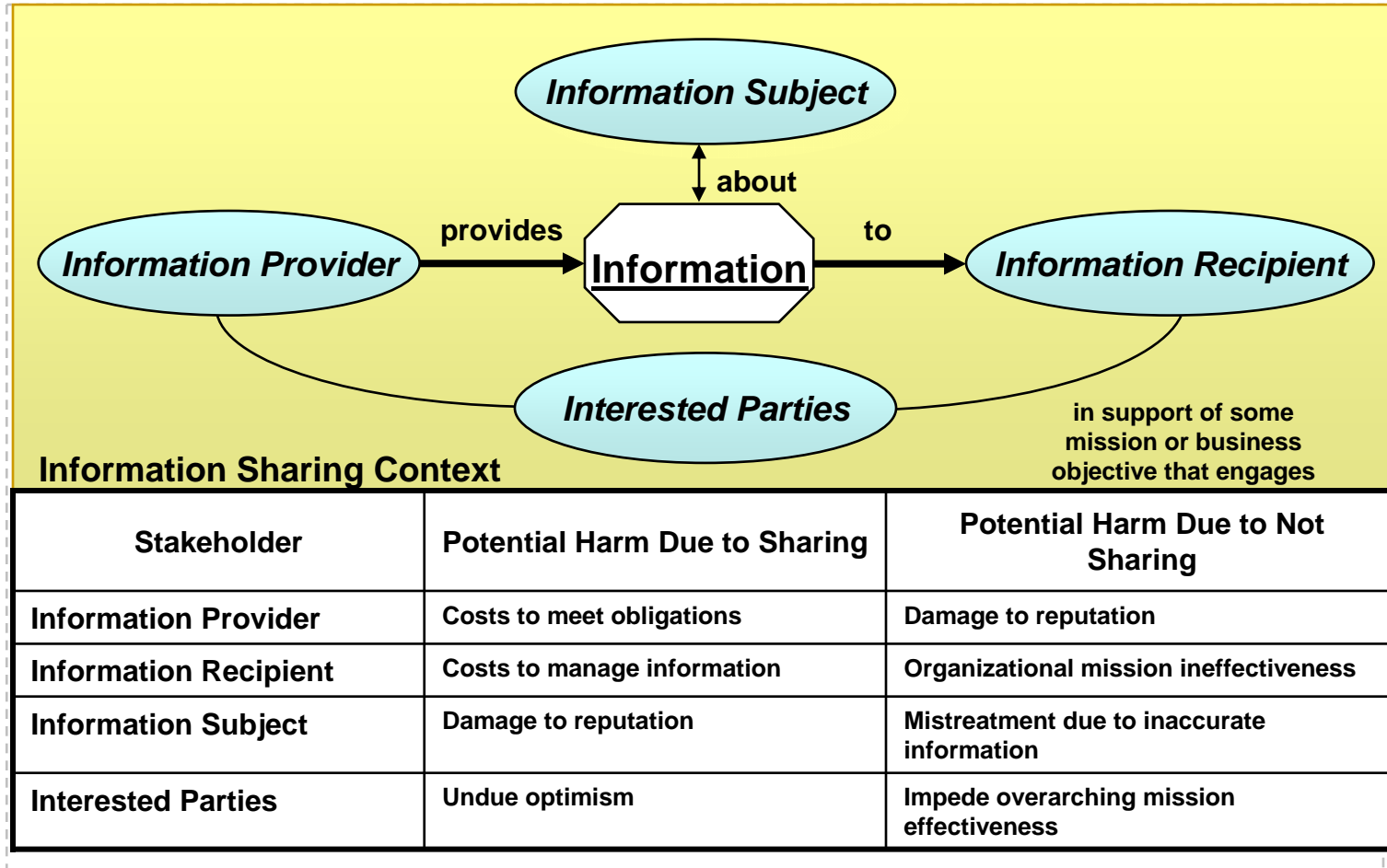
# Objective

- **Develop a methodology for identifying risk-appropriate enablers to overcome fear / uncertainty / doubt about risks associated with information sharing**

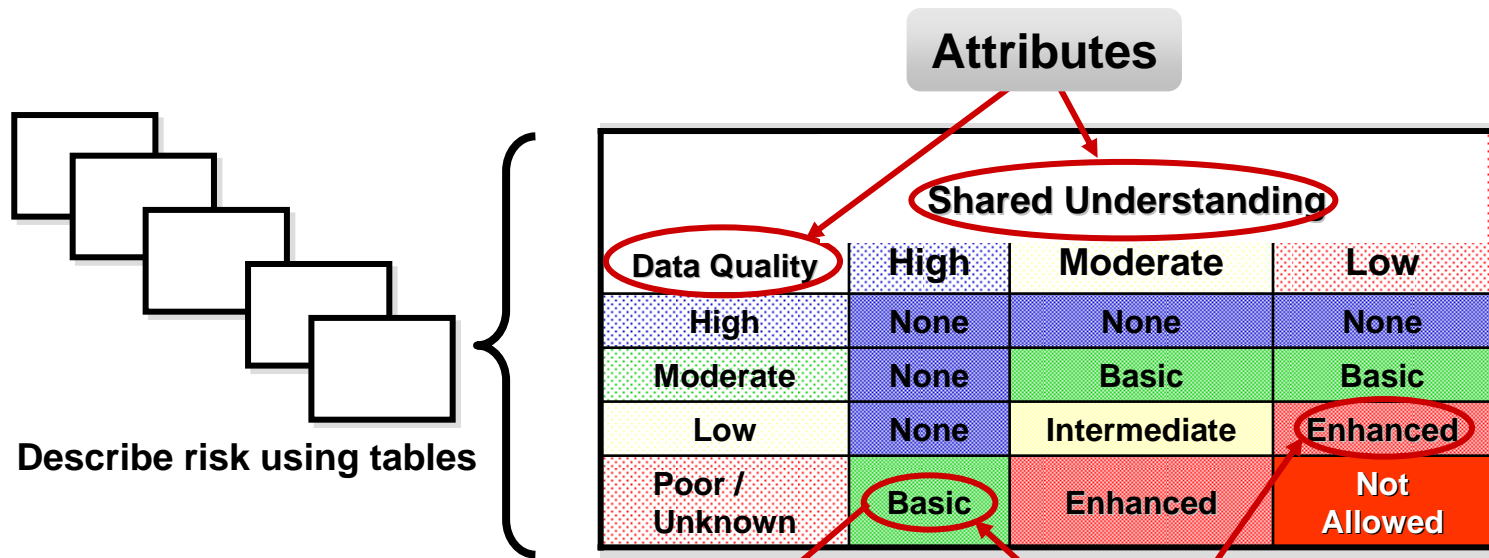
# Activities

- **Initial definition of Risk-Appropriate Information Sharing Enablers (RAISE) methodology**
  - Information sharing principles
  - RAISE process
  - RAISE high-level and detailed risk models
- **Coordination with other information sharing R&D activities**
- **Survey of information sharing literature, with focus on risks, risk factors, and enablers**

# Highlight



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## Notional Example of Data Quality Indicators (a possible type of information sharing enabler)

- Basic**: Supply metadata indicating data quality assessment
- Intermediate**: Supply metadata, including data quality assessment
- Enhanced**: Perform consistency checks, check compliance with data standards, and supply metadata, including data quality assessment

# Impacts

- **Standards and guidelines for use of technical and procedural controls are key enablers for information sharing**
- **A risk-based foundation for such standards and guidance will speed acceptance and implementation**
  - **Balance the risks of sharing with the risks of not sharing**
  - **Allow those risks to be managed in an informed way**

# Future Plans

