

Promoting Science Based Regulation in Europe – Challenges and Opportunities.

Dublin

Ortwin Renn
Stuttgart University

and International Risk Governance
Council

- Reference point for comparing potential threats
- Focus on emerging threats not fighting past events
- Method for putting risks in perspective
- Provides rationale for multi-dimensional evaluation



- **It helps to differentiate between evidence-based and affect-based responses and policies**
- **It avoids both: blaming the victims or searching for a scapegoat**
- **It help to integrate different stakeholder views and evaluations**
- **It facilitates communication**



- **Lack of appropriate data, models, or scenarios (often guesswork)**
- **Lack of appreciation for uncertainty (leads to overconfidence)**
- **Lack of understanding for public perceptions and political ambiguity**
- **Complexity may impede public communication**



- **No credible alternative to risk-base regulation**
- **Precaution is necessary only when uncertainty is high und unresolved**
- **Risk is not the only criterion for decision but it needs to be considered**
- **Risk communication essential: need for sophisticated approaches**

