# Climate Smart Extractive Industries

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## The Bow Tie Method



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### Preventative Controls

- Environmental Assessments
- Hazard analysis safety standards
- Weather forecasts
- Sea-state prohibitions
- Trained operators
- Certified captains
- Pilotage in high-risk areas
- **Regular monitoring**

Event

### Recovery Controls

- Protective equipment
- Blow-out preventers
- Double-hulling of vessels
- Rapid response teams
- Clean-up crews
- Heavy oil skimmers
- Oil booms

Extractive industries can operate safely and effectively if the right systems and mitigations are in place