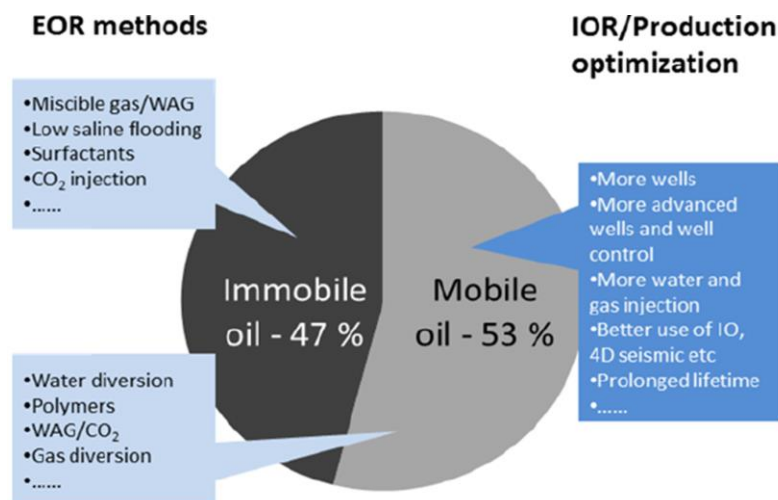


Enhanced Oil Recovery Environmental Impact and Control



Analyses & Monitoring

- Sampling, sample preparation
- Analyses of chemicals and by-products
- Field analyses
- Online monitoring
- Performance control

Chemical Fate and Effect

- Intrinsic properties of chemicals based on chemical structure and literature data
- Ecotoxicological testing
- Biodegradation (aerobic and anaerobic)
- Bioaccumulation potential
- Environmental fate and effect studies

Environmental Impact

- Documentation of environmental performance
- Whole Effluent Toxicity (WET) and Assessment (WEA)
- EIF and chemical impact assessment

Produced Water Treatment

- Design criteria & discharge permits
- Independent technology assessment
- Feasibility & concept studies
- Best Available Technology (BAT)
- Laboratory and pilot scale studies
- Technology qualification & commissioning
- Physical, chemical & biological processes

Reservoir & process equipment

- Reservoir souring and mitigation
- Microbial influenced corrosion (MIC)
- Biofouling & control

