Hydraulic Fracturing Regulatory Process

Licence Round Application
- OGA reviews finances and competencies
- OGA assesses technical evaluation and work programme
- OGA awards petroleum exploration & development licence (PEDL)

Operator submits environmental risk assessment
- Local planning authority
- Environment agency
- Health & safety executive

Permits & permits to drill / hydraulically fracture a well
- Landowner permissions
- Public consultation
- Statutory consultees inc. env. agency

Application for consent to drill
- "Is the environment agency content for the OGA to issue consent?"
- "Is the health & safety executive content for the OGA to issue consent?"
- OGA checks planning permission
- OGA issues consent to drill

Application for consent to test / complete well with hvhf
- "Is the secretary of state content for the OGA to issue consent?"
- "Is the environment agency content for the OGA to issue consent?"
- "Is the health & safety executive content for the OGA to issue consent?"
- OGA reviews finances, competencies and technical plans for operations
- OGA issues formal extended well test consent including the HFC

Hydraulic fracture plan (HFP) approval
- Seismicity and monitoring plan
- Operator: Air Quality
- EA: Emissions & groundwater monitoring
- Operator: Seismicity & Geological data

Operator meets all planning and permitting conditions
- Operator performs extended well test
- Operator hydraulically fractures well

Collect and make data available
- OGA: Seismicity & geological data
- EA: Emissions & groundwater monitoring
- Operator: Air Quality

Legends:
- Oil & gas authority
- Environment agency
- Health & safety executive
- Local planning authority
- Secretary of state
- Government
- Industry
- Operator