

Study on Induced Seismicity Risk in Fracking Technology

The German Federal Ministry of Education and Research (BMBF) has commissioned a study on induced seismicity risks associated with the fracking technology. The study supports the Ministry's Expert Commission on Fracking (<https://expkom-fracking-whg.de/>) in their scientific advisory role for up to four pilot projects testing the potential for unconventional hydrocarbons in Germany.

The study was performed by Q-con experts and provides a global overview on fracking induced seismicity and the geological and tectonic conditions under which seismicity occurs. Geomechanical processes leading to induced seismicity are analysed and a region-specific risk assessment is performed for potential reservoir targets in Germany. Furthermore, recommendations are made for mitigating the induced seismicity risk.

The study represents one of today's most comprehensive documents on this subject and can be downloaded [here](#) (German language).