



- Regulation
- History
- Streamlining/Optimizing
- Innovation





# Planning for retirement

Companies profiting from the province's energy resources must safely and responsibly suspend and abandon ("decommission") their energy infrastructure, and <u>reclaim</u> their energy development sites. As energy infrastructure nears the end of its <u>life cycle</u> and is no longer needed, we ensure that wells, pipelines, mines, and facilities are taken out of service safely, with no harm to the public or the environment.

https://www.aer.ca/regulating-development/projectclosure/suspension-and-abandonment



# Planning for Retirement

When energy infrastructure has been suspended and is no longer needed, the company that owns it must permanently dismantle it. Our requirements for how this is done vary by the type of infrastructure. Just as every energy project and activity is different, so are our abandonment requirements.

https://www.aer.ca/regulating-development/projectclosure/suspension-and-abandonment



### Planning for retirement

For example, pipelines must be emptied, purged, isolated, and left in a safe condition so that there are no risks to the public or environment. Abandoned pipelines are often left in the ground so that the land and soil are not further disrupted. The process to abandon a pipeline is different than the process to abandon other infrastructure, such as a well.

https://www.aer.ca/regulating-development/projectclosure/suspension-and-abandonment



# Typical Riser to be abandoned.





#### Riser removed and backfilled.









# Conventional Approach





# Water Jet Internal Cutting







