

# **Leakage and permance**

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# Leakage and permanence

- **Leakage less than “threshold”**
  - For an appropriate selected site, small amount of leaking might still exist. But precise determination of the small amount of leakage is difficult.
  - For a threshold of 0.1% annually, 90% of the sequestered CO<sub>2</sub> will remain after 100 years, while 10% of the sequestered CO<sub>2</sub> should be deducted from the credit issued.
- **Leakage larger than “threshold”**
  - During crediting period, “pay when leak”
  - After crediting period, “insurance”, a certain part of credit is issued during the crediting period, while another part of credit could only be issued after the crediting period (but when? Depending on the years required for monitoring after the crediting period.)

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- **Monitoring after the crediting period**
  - Who is responsible for that?
  - Monitoring frequency?
  - How many years is sufficient?
  - Monitoring cost considered in the CER price if host countries is responsible for the monitoring?
- **Massive leakage in crediting period**
  - No CERs
- **Massive leakage after crediting period**
  - Deducted from Annex I countries' AAUs?